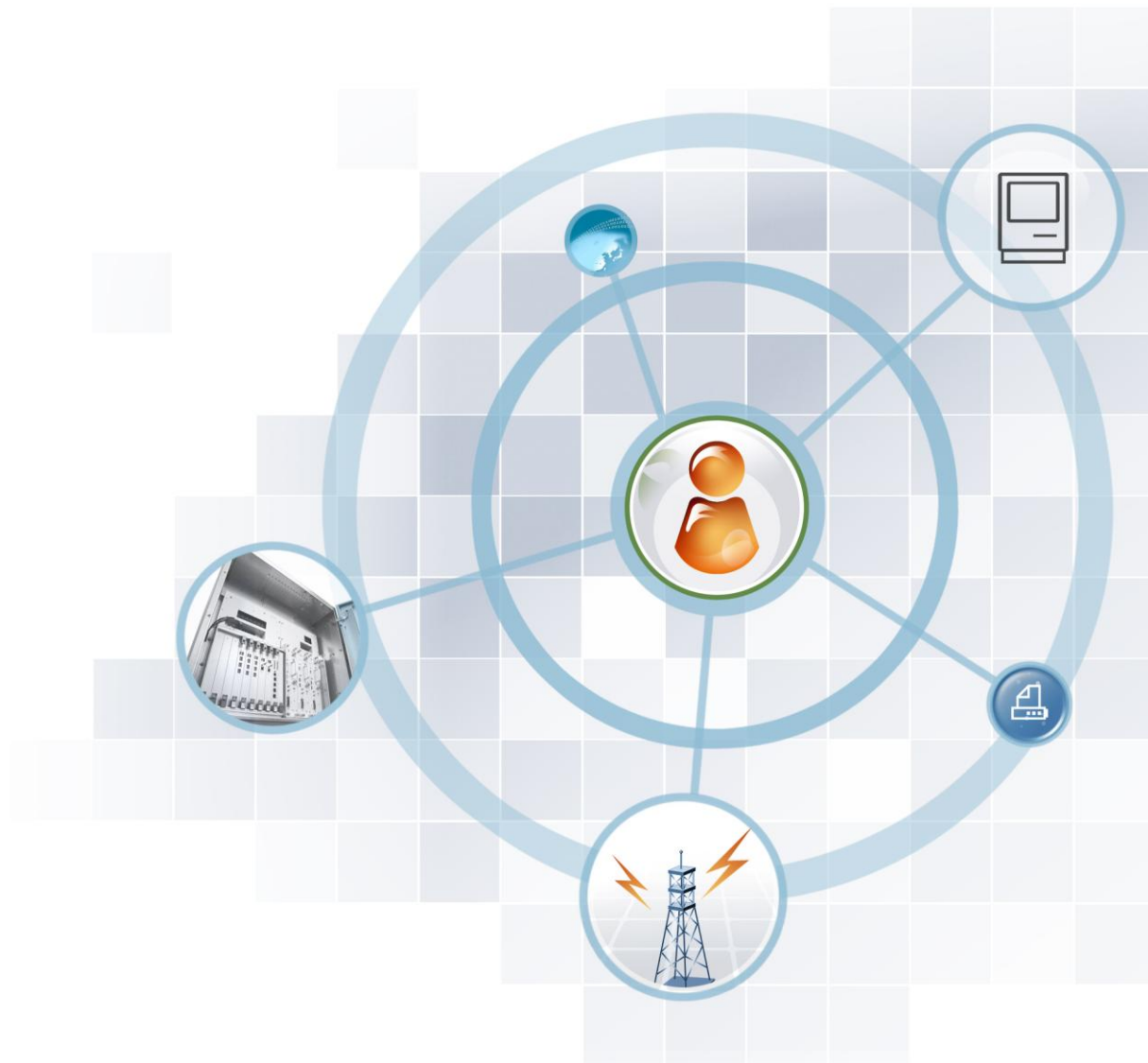


**SCM Express**

# **System Troubleshooting Reference**



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# INTRODUCTION

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## Purpose

This document introduces trouble shooting guide and describes how to respond.

## Audience

This manual provides information for administrator who is responsible for managing SCME.

## Document Content and Organization

This document contains 3 Chapters and an Abbreviation.

### **Chapter 1. Check point as SCME installing at site**

This chapter describes SCME, phone and Gateway installation.

### **Chapter 2. Trouble shooting**

This chapter describes how to respond the trouble of SCME, phone and GW.

### **Chapter 3. Feature operation description**

This chapter describes operation of SCME, phone and GW.

## Conventions

The following types of paragraphs contain special information that must be carefully read and thoroughly understood. Such information may or may not be enclosed in a rectangular box, separating it from the main text, but is always preceded by an icon and/or a bold title.



### **WARNING**

Provides information or instructions that the reader should follow in order to avoid personal injury or fatality.



### **CAUTION**

Provides information or instructions that the reader should follow in order to avoid a service failure or damage to the system.



### **CHECKPOINT**

Provides the operator with checkpoints for stable system operation.



### **NOTE**

Indicates additional information as a reference.

## Console Screen Output

- The lined box with ‘`Courier New`’ font will be used to distinguish between the main content and console output screen text.
- ‘**Bold Courier New**’ font will indicate the value entered by the operator on the console screen.

## Revision History

| VERSION | DATE OF ISSUE | REMARKS                   |
|---------|---------------|---------------------------|
| 1.0     | 12. 2012.     | Base document version 3.3 |

# SAFETY CONCERNS

The purpose of the Safety Concerns section is to ensure the safety of users and prevent property damage. Please read this document carefully for proper use.

## Symbols

**Caution**

Indication of a general caution

**Restriction**

Indication for prohibiting an action for a product

**Instruction**

Indication for commanding a specifically required action



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# CHAPTER 1. Check point as SCME installing at site

---

## 1.1 Inspection when building SCME and happening problem

- 1) Inspection VoIP network before building SCM Express System.
- 2) SCM express: Check the SW PKG installing requirement of each server platform and SW PKG version.
- 3) G/W (OS7xxx, iBG Series): Check the compatibility between G/W PKG version and SCME PKG version. (Refer to Version Matrix Table)
- 4) Phone: Check the compatibility between SW PKG version of phone and SCME PKG version. (Refer to Version Matrix Table)

## 1.2 Check the status of system, GW and phone after installing SCM Express System (including GW and phone)

- 1) Check the status of every SCME process.
- 2) You can check the status of every SCME processes at SCME Web GUI. (Normal, Fail, Alive, Wait)
- 3) When you see SCME Web GUI, Green color means normal status of process and Red color is abnormal.
- 4) Check registration status of GW/phone/SIP trunk.
- 5) Check the license of user, application.

## 1.3 SCME Patch Procedure

- 1) Stop Standby SCME
- 2) Apply patch to Standby
- 3) Start Standby SCME
- 4) Wait for 5 minutes approximately to complete DB sync between active and standby system. You should wait until you see 'sync complete' message at SCME GUI.  
→ System reboot happens if next procedure does before completing DB sync.
- 5) Do Active → Standby switchover
- 6) Also follow a~d procedure

## 1.4 Check a few things when call processing problem happens

It is necessary that you understand the situation correctly (calling/called number and problem phenomenon and occurrence time) and network status is normal or not.

- 1) In case of the problem of call signaling
  - ① Check call type.  
(extension to extension, extension to trunk, trunk to extension etc)
  - ② Catch call signal at SCME Web GUI. You can check signal message using 'Call Trace' in Web GUI. It is necessary that engineer analyze system log if signal message is OK. To analyze call fail, you send the log file of CSB, SASEB and SIPB to engineer.
- 2) In case of the problem of Media
  - ① Check negotiated Media information as signal.
  - ② Check media channel between calling and callee.
    - Capture RTP packets (RTP ethereal) at each side (Calling and Callee side).  
And confirm that Tx packet is OK and Rx packet is OK.
    - If Tx packet is not OK, check Tx side. If Rx packet is not OK, check Rx nodes.  
(ex: phone, Router, etc).
- 3) In case of the problem with solution (including Solution, 3rd Party, call service etc)
  - ① Check call service setting information and phone registration status.
  - ② Also follow 1), 2) procedure.

## 1.5 How to identify phone version when upgrading through phone rebooting

- 1 step: After phone reboots, it tries to receive Profile from SCME.
- 2 step: Phone requests PKG Download to SCME. If failed, it retried once again.
- 3 step: Phone starts PKG Upgrade.
- 4 step: Phone reboots for itself.

- 1 step fail: If phone doesn't receive profile, it reboots to old profile.
- 2 step fail: If phone fails upgrade retries one more, it reboots to old version.
- 3 step fail: When phone own problems happen (CRC error, etc) →  
It retries infinite rebooting.

**There is no way to know directly phone which is being upgraded happen problem by each step.**

You can only identify phone upgrade status when you see phone registration information. Phone sends REGISTER method to SCME after completing phone upgrade. At that time you can see phone version through SCME Web GUI.

## 1.6 How to identify phone version when upgrading through Model Update

- 1 step: Phone requests PKG Download to SCME. If failed, it retried only one more.
- 2 step: Phone starts PKG Upgrade.
- 3 step: Phone reboots for itself after completing upgrade.

- 1 step fail: If phone fails upgrade retries one more, it reboots to old version.

## 1.7 How to change SCME component IP of Active/Standby

In case of changing SCME Component IP while operating

- 1) Connect to Standby System and stop Standby System through Mini-Cli

```
telnet 127.0.0.1 55555  
password: samsung*#
```

- 2) Connect to Active System and do 'Change\_ip' command through Mini-Cli
- 3) If you enter new IP address to change, SCME server reboots automatically
- 4) Since the reboot of Active is complete, you test Ping and try to connect SCME GUI to new Component IP
- 5) Connect to Standby System and do 'Change\_ip' command through Mini-Cli
- 6) Since the reboot of Standby is complete, check DB sync is successful or not You can confirm at GUI event viewer
- 7) Check whether phone, GW and solution with new SCME IP is registered to SCME

## 1.8 How to set Minimum Call Limit feature

- 1) Set Minimum Call Limit at User Group and Service Group.
- 2) Select call limit at CONFIGURATION → Miscellaneous → System Options → Minimum Call Limit.
- 3) Call limit level of User Group and Service Group operates by difference of call limit level of User Group and Service Group.
  - Minimum Call Limit level < Minimum Call Limit option: All incoming/outgoing are not allowed.
  - Minimum Call Limit level > Minimum Call Limit option: All incoming/outgoing are allowed.
  - Minimum Call Limit level = Minimum Call Limit level option: It depends on Minimum Call Limit option.

## 1.9 How to set the announcement for trunk forward

- 1) How to set announcement elimination for trunk forward.  
Set announcement repeat count for trunk forward to 0.  
Confirm whether playing the announcement of 'Call is connecting'.
- 2) How to set repeat count of call forward announcement.  
TRUNK path forwarding announcement of the number of iterations is set to the desired value.  
Confirm whether the announcement of 'Call is connecting' repeat as many as you have set.
- 3) How to change the announcement file for trunk Call Forwarding.  
Move to CONFIGURATION → Announcement → Service Announcement and change ID 1216.  
Check the repeat count for trunk call forwarding announcement is over 1.  
Confirm whether the announcement for trunk call forwarding repeat as many as you have set.

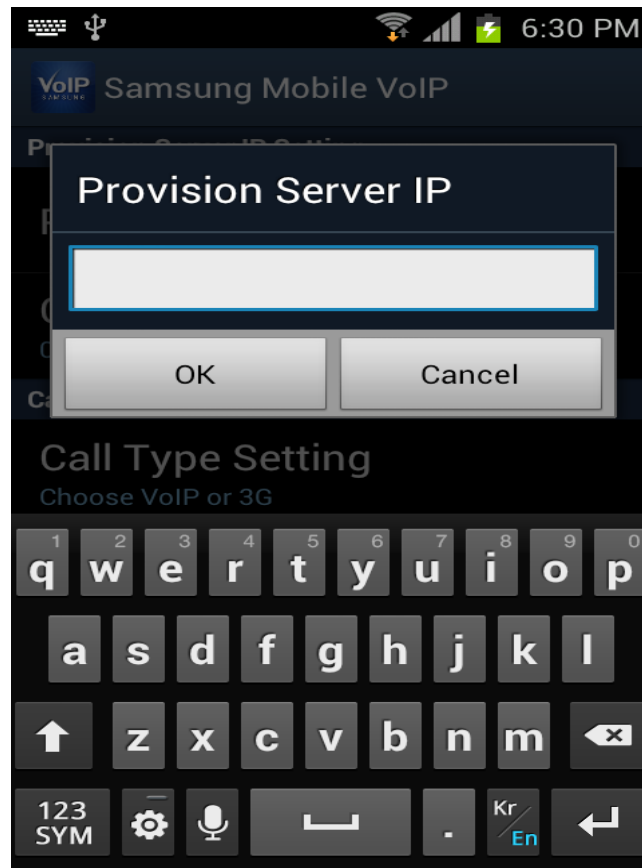
## 1.10 How to set FMC Client

FMC Client interworking with SCM Express set as follow.

- 1) Install FMC client software on device (ex: Smartphone)
  - ① Install FMC client software on your device.
  - ② When using HTTP, many devices can download FMC client software at the same time.
  - ③ Upload FMC client software to SCME.  
/DI/WEBCLI/SMV1401.apk
  - ④ Connect to address below using device web browser.  
http://192.168.0.100/SMV1401.apk  
\* 192.168.0.100: SCME IP Address
  - ⑤ Install downloaded apk file.  
In case of SMV1401.apk file not being installed, reinstall SMV1401.apk file after checking as follow CONFIGURATION-Wireless Enterprise-Upgrade Mobile Software-Download Server and file folder.
  - ⑥ Run Samsung Mobile VoIP.
  - ⑦ Set provision server to SCME IP.
  - ⑧ Set mobile number field to your mobile number.
- 2) SCME FMC Client settings
  - ① Create SCME user.
  - ② Set the phone type to created user at CONFIGURATION → User → Single Phone User Samsung-mobile-Phone.
  - ③ Set mobile number to created user at CONFIGURATION → User → Single Phone User.  
You can use this feature when you must enter mobile number.  
You must enter virtual number if you have not mobile number.
  - ④ Media type must be selected to RTP (means UDP) or AES (means sRTP).  
\* 1.4.0.1 Pkg doesn't support ARIA until now.
  - ⑤ Select None to Phone authentication method.
  - ⑥ Enter SSID at CONFIGURATION → Wireless Enterprise → Wireless Service Options SSID field is mandatory. Other fields do not need to enter.

\* SCME doesn't send profile information to FMC if the SSID of phone is different with stored SSID in SCME

## 3) FMC Client access



- ① Connect to Wi-fi network.(Both PBX and phone should be able to connect to the network)  
Run SMV, Enter IP Value, and touch 'OK'.
- ② If you can see green 'IP' icon  on tray, the smartphone client is registered properly. You can make call or receive call.
- ③ Red 'IP' icon  is displayed on tray if provisioning or registering was failed. You should check network connection to pbx or pbx settings. (ip address, NAT environment, port firewall, or etc)

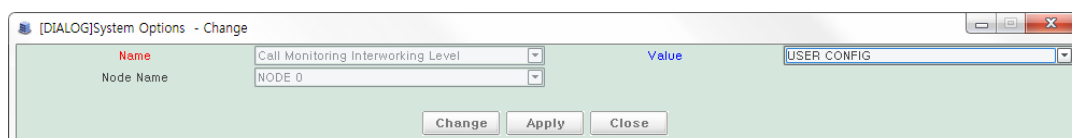
## 4) Precaution using FMC Client

- ① Don't select media type ARIA because FMC client doesn't support ARIA.
- ② SSID to connect from FMC client and SSID stored in the SCME must be same.
- ③ You must set mobile number in User of SCME.
- ④ User number, which is not SCME's extension, must be set to mobile number set at index c.

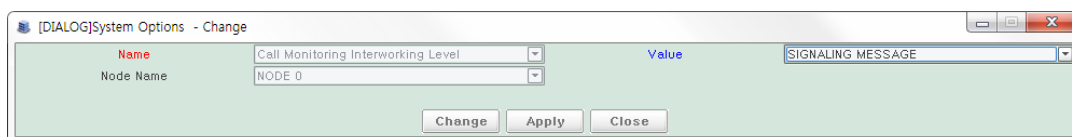
## 1.11 How to set up as interworking eavesdropping equipment

The information below is setup guide of SCME when interworking with eavesdropping equipment at Army/Navy and other site.

- 1) Using UDP/sRTP (INI1 interface standard)  
Change to 'USER CONFIG' at CONFIGURATION → Miscellaneous → System Options → Call Monitoring Interworking Level.



- 2) Using TLS/sRTP (INI2 interface standard)  
Change to 'SIGNALING MESSAGE' at CONFIGURATION → Miscellaneous → System Options → Call Monitoring Interworking Level.





## 1.12 How to set up basic SBC

SBC settings interworking with SCME see below

### 1) Create Media Pool

```
SBC-1000/configure/session-router# media-pool Local
SBC-1000/configure/session-router/media-pool Local# ip-address
192.168.1.201
SBC-1000/configure/session-router/media-pool Local# media-port 42000
1024
SBC-1000/configure/session-router# media-pool Public
SBC-1000/configure/session-router/media-pool Public# ip-address
211.51.164.100
SBC-1000/configure/session-router/media-pool Public# media-port 45000
1024
```

### 2) Create Region

```
SBC-1000/configure/session-router# region local
SBC-1000/configure/session-router/region local# bind-interface
ethernet 0/2
SBC-1000/configure/session-router/region local# media-pool Local
SBC-1000/configure/session-router# region Public
SBC-1000/configure/session-router/region Public# bind-interface
ethernet 0/4
SBC-1000/configure/session-router/region Public# media-pool Public
SBC-1000/configure/session-router/region Public# sip-interface
SBC-1000/configure/session-router/region Public/sip-interface#
registrar
SBC-1000/configure/session-router/region Public/sip-
interface/registrar# route-to-registrar
SBC-1000/configure/session-router/region Public/sip-
interface/registrar# registration-interval expires 300 min-expires 60
SBC-1000/configure/session-router/region Public/sip-interface#
topology-hiding
SBC-1000/configure/session-router/region Public/sip-interface# nat-
traversal always
```

If there is not set route-to-registrar in SBC, SBC doesn't store registration information to registration table. So if device is located at public region, you must set route-to-registrar in SBC. If route-to-registrar has already been set and device located at public region sends REGISTER method, SBC responds registered IP not to follow SBC policy.

- Topology-hiding: SBC performs topology hiding. So SBC modifies some SIP headers. Refer to below.
- Record-Route header is hidden regardless of option. Via and Call-ID is hidden depending on option.

### 3) How to set Policy

```
SBC-1000/configure/session-router# policy loc2pub
SBC-1000/configure/session-router/policy loc2pub# source-region local
SBC-1000/configure/session-router/policy loc2pub# routing-policy
SBC-1000/configure/session-router/policy loc2pub/routing-policy#
destination-region public
SBC-1000/configure/session-router/policy loc2pub/routing-policy# next-
hop ipv4:211.24.11.85
SBC-1000/configure/session-router# policy pub2loc
SBC-1000/configure/session-router/policy pub2loc# source-region public
SBC-1000/configure/session-router/policy pub2loc# routing-policy
SBC-1000/configure/session-router/policy pub2loc/routing-policy#
destination-region local
SBC-1000/configure/session-router/policy loc2pub/routing-policy# next-
hop ipv4:192.168.1.100
```

The configuration of loc2pub policy means the policy for packet transfer from inside to outside.

All packets from local region is passed to SBC or SSW IP 211.24.11.86

The other way, the configuration of pub2loc policy means the policy for packet transfer from outside to inside. All packets from public region is passed to SCME IP 192.168.1.100.

### 4) Permission setting

```
SBC-1000/configure/session-router# peer-group pgroup1
SBC-1000/configure/session-router/peer-group pgroup1# add 1.2.3.4
SBC-1000/configure/session-router/peer-group pgroup1# add 1.2.3.4:4300
SBC-1000/configure/session-router/peer-group pgroup1# add
1.2.3.4:1200-1.2.3.7:6000
SBC-1000/configure/session-router/peer-group pgroup1# add
1.2.3.4:1200-1.2.3.7
SBC-1000/configure/session-router/peer-group pgroup1# add 1.2.3.4-
3.4.5.6
SBC-1000/configure/session-router/peer-group pgroup1# add 1.2.3.0/26
SBC-1000/configure/session-router# policy pub2loc
SBC-1000/configure/session-router/policy pub2loc# call-permission
SBC-1000/configure/session-router/policy pub2loc/call-permission#
permission allow peer-group pgroup1
SBC-1000/configure/session-router/policy pub2loc# message-permission
SBC-1000/configure/session-router/policy pub2loc/message-permission#
permission allow peer-group pgroup1
```

- call-permission: Apply only if the source IP of INVITE message matches policy
- message-permission: The policy is applied only if the source IP of another message is matched except INVITE. This rule is allowed only if the specific IP is used from outside.

## 1.13 How to set IP phone using PNP Mode

### 1) How to set DHCP interface and DHCP Server

```
interface ethernet 0/2
  ip address 60.1.0.1 255.255.255.0
  ip dhcp server
  qos
  exit qos
  no flowcontrol
exit Ethernet
ip dhcp
  lease_database file://cf0/dhcps.leases
  pool default
    domain data.scm.com
    dnsserver 8.8.8.8
    network 60.1.0.0 255.255.255.0
    default_router 60.1.0.1
  user_option 43 string "sec,tftp://192.168.1.238" active
  commit
  exit pool
  icmp_check count 1 timeout 250
  enable service
  exit dhcp
```

- IP phone can get IP address from DHCP server which is configured to iBG.
- IP address is assigned to IP phone between 60.1.0.2 and 60.1.0.254 in the above setup

The user\_option 43 field must be included in DHCP server. You should set up the IP address that you want to interwork with SCME in user\_option 43 string.

Ex) Refer to above configuration

```
user_option 43 string 'sec,tftp://192.168.1.238' active
192.168.1.238 means SCME IP.
```

### 2) MAC authentication setting at SCME

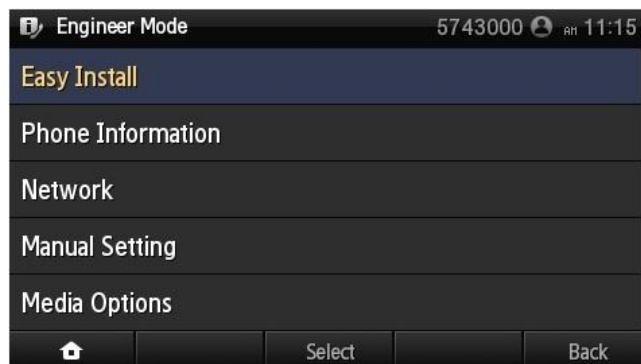
You should select 'MACAddress' at CONFIGURATION → User → Single Phone User and enter the mac address of phone.

[DIALOG] Single Phone User - Change

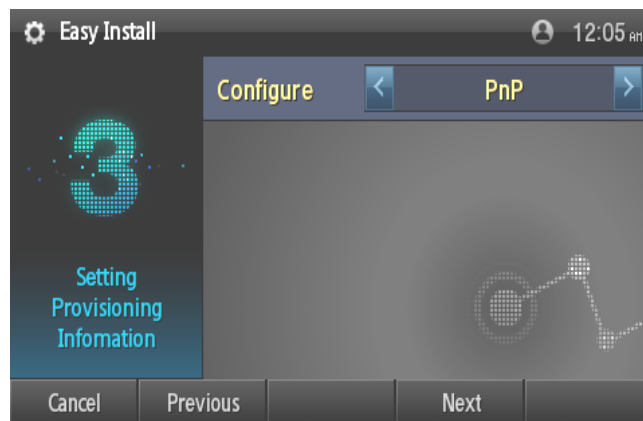
|                                |                       |                                  |                       |
|--------------------------------|-----------------------|----------------------------------|-----------------------|
| User Group                     | UG2                   | Service Group                    | UG2-SG1               |
| Location                       | UG2-LOC1              | Extension Number                 | 4004                  |
| Application User ID            | 4004@ug2.scm.com      | Extension Name                   | 4004                  |
| Application Password           | *****                 | PIN Number                       | ****                  |
| Authentication User ID         | 4004                  | Phone Verification               | None                  |
| Authentication Password        | ****                  | MAC Address                      |                       |
| IP Address                     |                       | Private IP Address               |                       |
| Profile Login ID               | UG24004               | Phone Type                       | Samsung-Desktop-Phone |
| Profile Login Password         | ****                  | Language                         | Korean                |
| Mobile Phone Number            |                       | Use Mobile Phone Number          | None                  |
| Protocol                       | UDP                   | Media                            | RTP                   |
| TLS Connection                 | Normal                | Ring Ring Type                   | None                  |
| A-A Primary Node               | NODE 0                | A-A Dual Registration            | Enable                |
| Make Mailbox                   | Yes                   | URI Type                         | SIP                   |
| DTMF                           | RFC2833               | RFC2833 DTMF Payload             | 101                   |
| Time Zone                      | GMT +09:00 Asia/Seoul | Department                       |                       |
| Position                       |                       | Send CLI Number                  |                       |
| Service Group Local CLI Number |                       | Service Group Local Number       |                       |
| Restriction Policy             |                       | Class of Service                 |                       |
| Gateway Name                   |                       | Extension Lock                   | None                  |
| LDAP DN Number                 |                       | Account Code Use                 |                       |
| Auto Answer by Click to Dial   | Enable                | Accept Login Override            | Disable               |
| External Ringback Tone Use     | None                  | MOH Announcement ID              |                       |
| Display Option                 | Normal                | Send CLI Name                    |                       |
| Call Monitoring                | Disable               | Send Extension Number            |                       |
| Use Virtual Ringback           | Disable               | Caller Ring Type                 | None                  |
| Off Hook Alarm                 |                       | Check Registration Protocol      | Disable               |
| MOH SIP Media Mode             | Send Only             | Application Server Service Group |                       |
| CMS Monitoring                 | Disable               | FMS Zone Name                    |                       |

Change Apply Close

- 3) How to set IP Phone
- ① Select Easy Install at Engineer Mode



## ② Select PnP at Configure



## ③ Select 'OFF' at Phone VLAN



## ④ Select 'Off' at 802.1X

## 1.14 How to set VLAN in IP Phone using PNP Mode

### 1) How to set DHCP interface and DHCP Server

```
interface ethernet 0/2
    switchport
    bridge-group 1
    switchport mode trunk
    switchport trunk allowed vlan add 20
    switchport trunk native vlan 10
    qos
        exit qos
    no flowcontrol
exit Ethernet
interface vlan vlan1.10
ip address 60.1.0.1 255.255.255.0
qos
    exit qos
exit vlan
interface vlan vlan1.20
ip address 60.1.1.1 255.255.255.0
qos
    exit qos
exit vlan
ip dhcp
    lease_database file://cf0/dhcps.leases
    pool default
        domain default.scm.com
        dnsserver 8.8.8.8
        network 60.1.0.0 255.255.255.0
        default_router 60.1.0.1
    commit
    exit pool
    pool voice
        domain phone.scm.com
        dnsserver 8.8.8.8
        network 60.1.1.0 255.255.255.0
        default_router 60.1.1.1
    user_option 66 string "SEC_ITP" active
    user_option 43 string "sec,tftp://192.168.1.238,vlan-id=20" active
    commit
    exit pool
icmp_check count 1 timeout 250
enable service
exit dhcp
```

- IP phone can get IP address from DHCP server which is configured to iBG.
- IP address is assigned to IP phone between 60.1.1.2 and 60.1.1.254 in the above setup

The user\_option 43 field must be included in DHCP server. You should set up the IP address that you want to interwork with SCME in user\_option 43 string.

Ex) Refer to above configuration

user\_option 43 string 'sec,tftp://192.168.1.238, vlan-id=20' active  
192.168.1.238 means SCME IP.

## 2) How to set MAC authentication at SCME

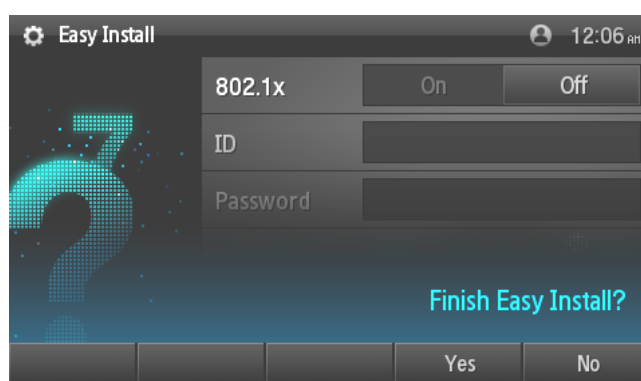
You should select 'MACAddress' at CONFIGURATION → User → Single Phone User and enter the mac address of phone.

[DIALOG] Single Phone User - Change

|                                |                       |                                  |                       |
|--------------------------------|-----------------------|----------------------------------|-----------------------|
| User Group                     | UG2                   | Service Group                    | UG2-SG1               |
| Location                       | UG2-LOC1              | Extension Number                 | 4004                  |
| Application User ID            | 4004@ug2.scm.com      | Extension Name                   | 4004                  |
| Application Password           | *****                 | PIN Number                       | ****                  |
| Authentication User ID         | 4004                  | Phone Verification               | None                  |
| Authentication Password        | ****                  | MAC Address                      |                       |
| IP Address                     |                       | Private IP Address               |                       |
| Profile Login ID               | UG24004               | Phone Type                       | Samsung-Desktop-Phone |
| Profile Login Password         | ****                  | Language                         | Korean                |
| Mobile Phone Number            |                       | Use Mobile Phone Number          | None                  |
| Protocol                       | UDP                   | Media                            | RTP                   |
| TLS Connection                 | Normal                | Ping Ring Type                   | None                  |
| A-A Primary Node               | NODE 0                | A-A Dual Registration            | Enable                |
| Make Mailbox                   | Yes                   | URI Type                         | SIP                   |
| DTMF                           | RFC2833               | RFC2833 DTMF Payload             | 101                   |
| Time Zone                      | GMT +09:00 Asia/Seoul | Department                       |                       |
| Position                       |                       | Send CLI Number                  |                       |
| Service Group Local CLI Number |                       | Service Group Local Number       |                       |
| Restriction Policy             |                       | Class of Service                 |                       |
| Gateway Name                   |                       | Extension Lock                   | None                  |
| LDAP DN Number                 |                       | Account Code Use                 |                       |
| Auto Answer by Click to Dial   | Enable                | Accept Login Override            | Disable               |
| External Ringback Tone Use     | None                  | MOH Announcement ID              |                       |
| Display Option                 | Normal                | Send CLI Name                    |                       |
| Call Monitoring                | Disable               | Send Extension Number            |                       |
| Use Virtual Ringback           | Disable               | Caller Ring Type                 | None                  |
| Off Hook Alarm                 |                       | Check Registration Protocol      | Disable               |
| MOH SIP Media Mode             | Send Only             | Application Server Service Group |                       |
| CMS Monitoring                 | Disable               | FMS Zone Name                    |                       |

Change Apply Close

Phone VLAN ID must set to 20 as VLAN server setting.





## 1.15 The summary of full Package Upgrade/Downgrade

- 1) How to upgrade full SCME package
  - (1) In case of same DB table (There is not service disconnection time)

It is how to upgrade SCME if SCME Database is same between existing and new version and sync is normally running.

    - ① Back up current DB (MANAGEMENT > Database > Database Backup)
    - ② Upgrade Standby SCME (After decompression, execute ./start\_upgrade.sh script)
    - ③ After rebooting Standby system automatically, check DB Sync complete (See SCME GUI viewer which is located at the lower left)
    - ④ After the completion of DB Sync, switch Active SCME to Standby (PERFORMANCE > System Management > System Switch Over)
    - ⑤ Test basic call and check phone registration status
    - ⑥ Upgrade Standby SCME (After decompression, execute ./start\_upgrade.sh script)
    - ⑦ After rebooting Standby system automatically, check DB Sync complete (See SCME GUI viewer which is located at the lower left)
  - (2) In case of being DB change (Network Separation O-Service disconnection time is less than 5 minutes)

Separate the network of Active and Standby SCME if SCME Database is different between existing and new version. In this case, service disconnection time is approximately 5 minutes or less and network is needed to remove between active and standby SCME. (When performing index of 'g', service disconnection occurs)

    - ① Back up current Database (MANAGEMENT > Database > Database Backup)
    - ② Stop Standby SCME (using Mini-Cli)
    - ③ Separate the network of Standby SCME (Connect all LAN cable of Standby SCME to new switch)
    - ④ Upgrade Standby SCME (After decompression, execute ./start\_upgrade.sh script)
    - ⑤ After rebooting Standby system automatically, check DB Sync complete (See SCME GUI viewer which is located at the lower left)
    - ⑥ After stopping Standby SCME, connect standby SCME to running network
    - ⑦ After stopping active SCME, start standby SCME (At this time, service disconnection occurs)
    - ⑧ Test basic call and check phone registration status
    - ⑨ Upgrade existing Active SCME (After decompression, execute ./start\_upgrade.sh script)
    - ⑩ After rebooting existing active SCME automatically, check DB sync complete (See SCME GUI viewer which is located at the lower left)

- (3) In case of being DB change (Network separation X-Service disconnection time is longer than 20 minutes)

It is how to upgrade SCME in case that SCME Database is different between existing and new version. This way is simple but service disconnection time occurs longer than 20 minutes. It is restriction to use this upgrade manner (Service disconnection occurs from 'b' index to 'd' index)

- ① Back up current DB (MANAGEMENT > Database > Database Backup)
- ② Stop standby SCME (using Mini-Cli)
- ③ Upgrade active SCME (After decompression, execute ./start\_upgrade.sh script)
- ④ After rebooting active system automatically, check DB Sync complete (See SCME GUI viewer which is located at the lower left)
- ⑤ Test basic call and check phone registration status
- ⑥ Upgrade Standby SCME (After decompression, execute ./start\_upgrade.sh script)
- ⑦ After rebooting Standby system automatically, check DB Sync complete (See SCME GUI viewer which is located at the lower left)

2) How to downgrade full SCME package

- (1) In case of same DB table (There is not service disconnection time)

It is how to downgrade SCME if SCME Database is same between existing and new version and sync is normally running.

- ① Back up current DB (MANAGEMENT > Database > Database Backup)
- ② Downgrade Standby SCME
  - i) Decompress previous version package of SCME
  - ii) Execute ./uninstall.sh script (Delete existing package)
  - iii) Execute ./install.sh script (Reinstall previous version)
  - iv) Connect Mini-Cli (Command: telnet localhost 55555, Password: Samsung\*#)
  - v) DB Restore (db\_restore/The location of backup DB file/Backup DB filename)
  - vi) Execute Change IP command
  - vii) Server of SCME automatically reboots
- ③ After standby system is rebooted automatically, check DB Sync complete (See SCME GUI viewer which is located at the lower left)
- ④ After DB sync finished, switch active to standby (PERFORMANCE > System Management > System Switch Over)
- ⑤ Test basic call and check phone registration status
- ⑥ Repeat from b to d
- ⑦ After rebooting Standby system automatically, check DB Sync complete (See SCME GUI viewer which is located at the lower left)

- (2) In case of being DB change (Network Separation O - Service disconnection time is less than 5 minutes)

Separate the network of Active and Standby SCME if SCME Database is different between existing and previous version.

In this case, service disconnection time is approximately 5 minutes or less and network is needed to remove between active and standby SCME.

(When performing index of 'g', service disconnection occurs)

- ① Back up current Database (MANAGEMENT > Database > Database Backup)
  - ② Stop Standby SCME (using Mini-Cli)
  - ③ Separate the network of Standby SCME (Connect all LAN cable of Standby SCME to new switch)
  - ④ Downgrade standby SCME
    - i) Decompress previous version package of SCME
    - ii) Execute ./uninstall.sh script (Delete existing SCME package)
    - iii) Execute ./install.sh script (Reinstall previous version)
    - iv) Connect Mini-Cli (Command: telnet localhost 55555, Password: Samsung\*#)
    - v) DB Restore (db\_restore /The location of backup DB file/Backup DB filename)
    - vi) Execute Change IP
    - vii) Server of SCME automatically reboots
  - ⑤ After standby system is rebooted automatically, check DB Sync complete (See SCME GUI viewer which is located at the lower left)
  - ⑥ After stopping Standby SCME, connect standby SCME to running network
  - ⑦ After stopping active SCME, start standby SCME (At this time, service disconnection occurs)
  - ⑧ Repeat same procedure from d to f
  - ⑨ After standby system is rebooted automatically, check DB Sync complete (See SCME GUI viewer which is located at the lower left)
- (3) In case of being DB change (Network separation X-Service disconnection time is longer than 20 minutes)

It is how to downgrade SCME in case that SCME Database is different between existing and previous version. This way is simple but service disconnection time occurs longer than 20 minutes. It is restriction to use this downgrade manner (Service disconnection occurs from 'b' index to 'd' index)

- ① Back up current DB (MANAGEMENT > Database > Database Backup)
- ② Stop standby SCME (using Mini-Cli)
- ③ Downgrade active SCME
  - i) Decompress previous version package of SCME
  - ii) Execute ./uninstall.sh script (Delete existing SCME package)
  - iii) Execute ./install.sh script (Reinstall previous SCME package)
  - iv) Connect Mini-Cli (Command: telnet localhost 55555, Password: Samsung\*#)

- v) DB Restore (db\_restore /The location of backup DB file/Backup DB filename)
- vi) Execute Change IP
- vii) Server of SCME automatically reboots
- ④ After standby system is rebooted automatically, check DB Sync complete (See SCME GUI viewer which is located at the lower left)
- ⑤ Test basic call and check phone registration status
- ⑥ Repeat c procedure
- ⑦ After standby system is rebooted automatically, check DB Sync complete (See SCME GUI viewer which is located at the lower left)

## CHAPTER 2. Trouble shooting

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### 2.1 It is the fixing way at GUI when DB redundant sync timeout happens

- You should check whether the processes of active/standby is normal  
If any process is abnormal, execute procedure below after you restart the process
- Click 'Reboot' Icon at PERFORMANCE → System Management → Standby Reboot or restart the system of standby and check DB sync between active and standby SCME. At this time, you can check that Database sync start and Database sync completed message is displayed at Event viewer of SCME GUI

### 2.2 It is the fixing way when Voicemail/Attendant/Conference makes error

If you hear 'Call failed due to attempt for unregistered service request' announcement

- 1) Voice mail/Auto Attendant: Move Voice mail/Call Recording/Auito Attendant to Service\_List at CONFIGURATION → Application → VM/AA Server of SCME GUI
- 2) Conference: Move Paging/Meet-Me Conference/One-Step Conference/Add-On Conference to Service\_List at CONFIGURATION → Application → Conference Server of SCME GUI

## 2.3 Verification of basic iBG setting and Debugging

### 1) Check ISDN PRI status

```
iBG2006# Show isdn status B030

bundle B030
-----
number of links          30
total bandwidth          NOT For Data

Voice channel Information Follows:
PORT      CH SIG-TYPE  ADMIN OPER IN STATUS      OUT STATUS      EC
===== == =====
0/3/0:0  01 isdn-pri  up   down out_of_svc  out_of_svc      y
0/3/0:0  02 isdn-pri  up   down out_of_svc  out_of_svc      y
0/3/0:0  03 isdn-pri  up   down out_of_svc  out_of_svc      y
0/3/0:0  04 isdn-pri  up   down out_of_svc  out_of_svc      y
0/3/0:0  05 isdn-pri  up   down out_of_svc  out_of_svc      y
0/3/0:0  06 isdn-pri  up   down out_of_svc  out_of_svc      y
0/3/0:0  07 isdn-pri  up   down out_of_svc  out_of_svc      y
0/3/0:0  08 isdn-pri  up   down out_of_svc  out_of_svc      y
0/3/0:0  09 isdn-pri  up   down out_of_svc  out_of_svc      y
0/3/0:0  10 isdn-pri  up   down out_of_svc  out_of_svc      y
0/3/0:0  11 isdn-pri  up   down out_of_svc  out_of_svc      y
0/3/0:0  12 isdn-pri  up   down out_of_svc  out_of_svc      y
0/3/0:0  13 isdn-pri  up   down out_of_svc  out_of_svc      y
0/3/0:0  14 isdn-pri  up   down out_of_svc  out_of_svc      y
0/3/0:0  15 isdn-pri  up   down out_of_svc  out_of_svc      y
0/3/0:0  17 isdn-pri  up   down out_of_svc  out_of_svc      y
0/3/0:0  18 isdn-pri  up   down out_of_svc  out_of_svc      y
0/3/0:0  19 isdn-pri  up   down out_of_svc  out_of_svc      y
0/3/0:0  20 isdn-pri  up   down out_of_svc  out_of_svc      y
0/3/0:0  21 isdn-pri  up   down out_of_svc  out_of_svc      y
0/3/0:0  22 isdn-pri  up   down out_of_svc  out_of_svc      y
0/3/0:0  23 isdn-pri  up   down out_of_svc  out_of_svc      y
0/3/0:0  24 isdn-pri  up   down out_of_svc  out_of_svc      y
0/3/0:0  25 isdn-pri  up   down out_of_svc  out_of_svc      y
0/3/0:0  26 isdn-pri  up   down out_of_svc  out_of_svc      y
0/3/0:0  27 isdn-pri  up   down out_of_svc  out_of_svc      y
0/3/0:0  28 isdn-pri  up   down out_of_svc  out_of_svc      y
0/3/0:0  29 isdn-pri  up   down out_of_svc  out_of_svc      y
0/3/0:0  30 isdn-pri  up   down out_of_svc  out_of_svc      y
0/3/0:0  31 isdn-pri  up   down out_of_svc  out_of_svc      y
```

```

ISDN Information: B030
-----
caller          -
answer1         -
answer2         -
called-number   -
spid1           -
spid2           -
idle-timeout    5
connect delay   15
keep-alive      10000
disconnect-cause 17
switch-type     primary-euro
side            USR
tei-mode        point-to-point
send-Alerting   true
send-Complete   true

```

B030 is bundle name

Out\_of\_svc means ISDN Layer 2 is down status

## 2) ISDN Signaling verification

Debug isdn q931 B020

Debug terminal (In case of using Telnet), Debug console (In case of using console)

## 3) In case of Server not Ready

If iBG doesn't receive its profile or fails GW authentication, iBG is survivable mode and not ready status.

- ① Verify whether ping test is normal or not to SCME
- ② Check if gw-uri information matches gw name which is set to SCME
- ③ Check if IP-address of call-server is right
- ④ Check if iBG receives profile information normally from SCME
  - show voip profiles

## 4) In case that iBG can't receive Profile information

You check if iBG receives the allocated user information for iBG through command 'Show voip profile'

- ① If NAT feature is set to iBG, check whether voice nat setting is normal or not
  - Firewall global
  - Voice-nat
  - Voice-nat-port tcp 8088
- ② If iBG can see only SBC, you check whether profile server in iBG is set to SBC. Also call server in iBG must be set to SBC.
 

Ex) Call-server profile-ip-address ipv4:192.168.1.238

5) In case that PRI call occurs fail

If PRI trunk call does not work well, check as follow

- ① Check ISDN pri link status
  - show isdn status B010
- ② You check if the registration status of ISDN trunk is normal. You can check the registration status at SCME GUI
- ③ If not registered, you check that the trunk routing for ISDN PRI is set normally in SCME.
- ④ You check that the trunk-level for PRI interface is set normally in iBG



## **2.4 It is checkpoint when voice path opens late, when phone which uses TLS makes use of pick-up service**

- 1) If phone use TLS for signal, TLS Connection option must be 'Reuse'
- 2) In case of Single Phone User, change TLS Connection option to 'Reuse' at  
CONFIGURATION → User → Single Phone User
- 3) In case of Multi-Extension Phone, change TLS Connection option to 'Reuse' at  
CONFIGURATION → User → Multi-Extension Phone

## 2.5 In case that there is not Predefined Conference menu at CONFERENCE → Conference Management of SCME GUI

- 1) To use Predefined Conference, Predefined Conference feature code must be set at CONFIGURATION → Service → Feature Service → Feature Code in SCME.  
So you can see Predefined Conference menu at CONFERENCE → Conference Management of SCME GUI
- 2) When Pre-defined menu is created, you can create Pre-defined conference in this menu which is CONFERENCE → Conference Management → Pre-defined of SCME GUI

[DIALOG] Pre-defined - Create

Type: Pre-Defined

Group ID: 1000 [Check] [Select]

Owner: [Select]

Name: [Text Box]

Description: [Text Area]

Select attendees from subscribers

[Phone] [Search]

| User Group | Name | Phone |
|------------|------|-------|
|------------|------|-------|

[Add]

Participant List

Name: [Text Box] Phone: [Text Box] [Add]

| User Group | Name | Phone |
|------------|------|-------|
|------------|------|-------|

[All Del] [Sel Del] 0 / 31

[Create] [Apply] [Close]

- 3) It is Group ID which is number to call for Pre-defined group. After creating Pre-defined group, you can use Pre-defined service when you make call using Pre-defined feature code + Group ID.

## 2.6 The cause of Long Duration call and remedy

### 1) Summary

If there is a long duration call, when you search current call at PERFORMANCE → Call Management.

It summarizes the cause of long duration call and how to remedy the problem.

### 2) The setting for prevention long duration call

To avoid long duration call leaving, keep SCME settings as follow.

① Select 'Enable' at CONFIGURATION > User Group > Change User Group > Options > Long Duration Call Auto Release

② Input standard time to decide long duration call at CONFIGURATION > User Group > Change User Group > Timers > Long Duration Call Criterion (hour)

Ex) If Long Duration Call Auto Release set 'Enable' and Long Duration Call Criterion set 3 hours, SCME clears automatically the call which is busy for 3 hours or more.

## 2.7 How to upgrade phone remote site if connection is unavailable

- 1) Prepare USB Memory
- 2) Decompress after downloading file
- 3) Copy SMT-i5243 fold to USB memory. ITP-SERIES fold and rfu.xml must be copied to USB. Tpl file is template file for reference and it has nothing to do with upgrade.
- 4) Plug in USB memory to USB port which is right side of phone.
- 5) Go into engineer mode of phone  
Menu → Phone → Phone Information → Input \*153# at version window
- 6) Select S/W Upgrade item
- 7) Execute upgrade after choosing Upgrade Type

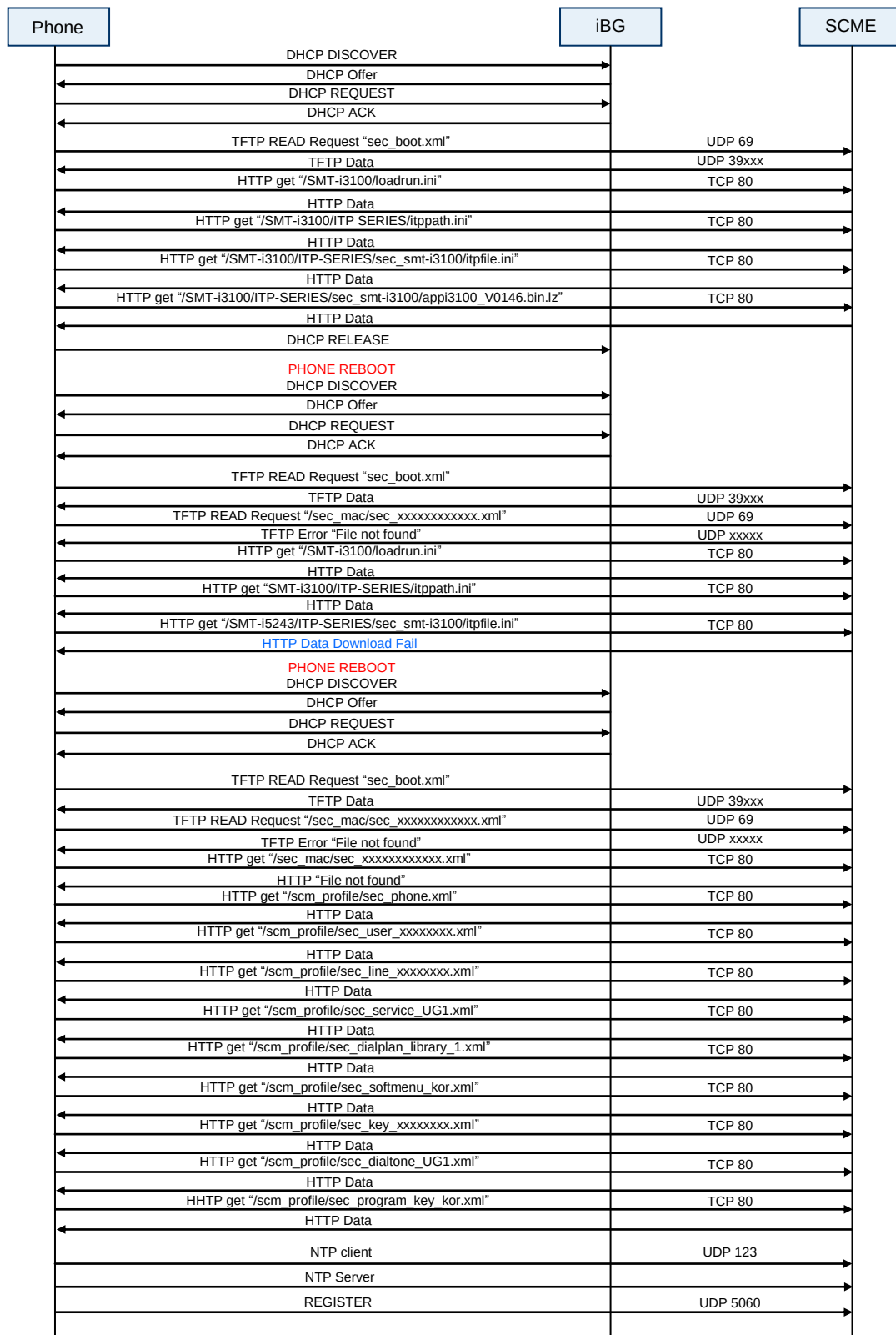
\* Phone can be upgraded using TFTP server program such as Pumpkin. Pumpkin program should be installed at PC. But Samsung recommends to upgrade using USB because Pumpkin doesn't support 30 MB or more.

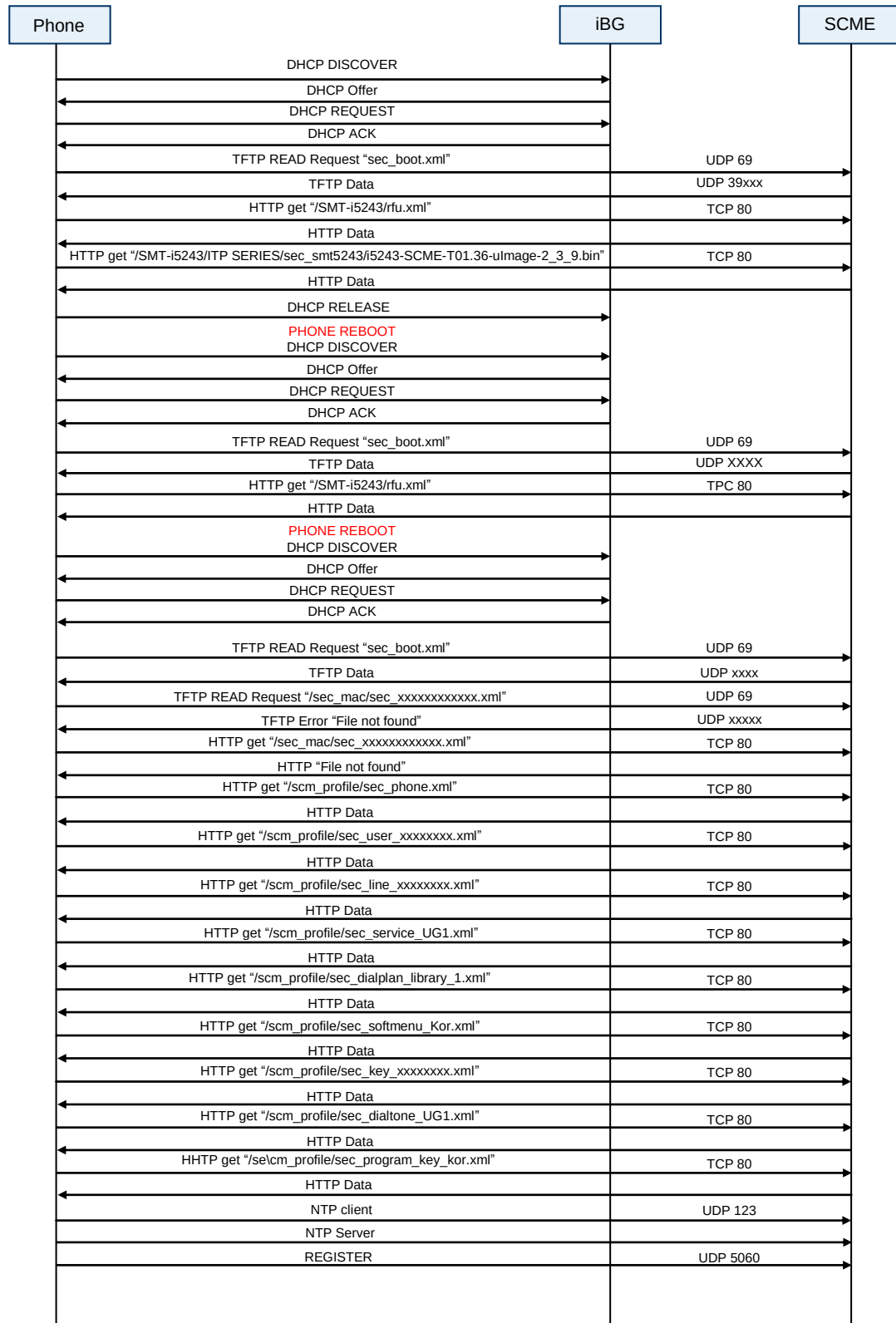
## **CHAPTER 3. Feature operation description**

---

### **3.1 Phone PKG Upgrade Procedure**

Refer to the procedures below





## 3.2 Service operation priority when setting multiple service

If the service what you want is not running after setting multiple service to user, check service priority of below table.

1) Rule of priority between services

- ① Personal setting is higher than system setting. (CFA > PCFA, PCFDND, GCF)  
(MTR > GCF)
- ② Remote setting is higher than local setting. (RMO, FLM > CFA)
- ③ The service priority for terminating call is the lowest. (ABS, DND)

- Service Priority

RMO > FLM > CFA/CFN/CFUR > MTR > GCF > PCFA/PCFB/PCFN/PCFUR >  
ABS > DND > AUTOANS > NORING > PCFDND

2) Service priority table

Refer to appendix file (It is not displayed because data quantity is huge.  
So it is appended)



SVC\_Priority.xls



### 3.3 Each error-specific behavior of the redundant system

This data is redundancy behavior by system status when SCME is configured to redundancy.

| Previous State |         |                      | Active System Failure  | Result       |         |                       | Remarks                                                                                           |
|----------------|---------|----------------------|------------------------|--------------|---------|-----------------------|---------------------------------------------------------------------------------------------------|
| System1        | System2 | Standby State        |                        | System1      | System2 | Action                |                                                                                                   |
| Active         | Standby | Normal State         | Process error          | Standby      | Active  | Normal Switch over    | Require process error criterion additionally                                                      |
|                |         |                      | Long time CPU Overload | Standby      | Active  | Normal Switch over    | Set CONFIGURATION → Miscellaneous → System Options → Switch over by CPU overload to 'ENABLE'      |
|                |         |                      | Memory Alarm           | Standby      | Active  | Normal Switch over    | -                                                                                                 |
|                |         |                      | Administrator command  | Standby      | Active  | Normal Switch over    | -                                                                                                 |
|                |         |                      | SCM Down               | Standby      | Active  | Normal Switch over    | -                                                                                                 |
|                |         |                      | Active Link Down       | Standby      | Active  | Normal Switch over    | In case that Both Eth0 and Eth1 are broken                                                        |
|                |         |                      | Heartbeat Link down    | Active alone | standby | -                     | Execute sync again if Eth2 is up/down                                                             |
|                |         |                      | Standby DMB down       | Active       | Standby | -                     | System2 restarts instantly                                                                        |
|                |         | Data synchronization | Process error          | Active       | Standby | Switch over exception | In case that any process of SCME is not data synchronization complete, System2 restarts instantly |

(Continued)

| Previous State |         |                              | Active System Failure  | Result        |           |                       | Remarks                                                                                           |
|----------------|---------|------------------------------|------------------------|---------------|-----------|-----------------------|---------------------------------------------------------------------------------------------------|
| System1        | System2 | Standby State                |                        | System1       | System2   | Action                |                                                                                                   |
| Active         | Standby | Data synchronization         | Long time CPU Overload | Active        | Standby   | Switch over exception | Execute switch over after completing Data synchronization                                         |
|                |         |                              | Memory Alarm           | Active        | Standby   | Switch over exception | -                                                                                                 |
|                |         |                              | Administrator command  | Active        | Standby   | Switch over exception | Execute switch over after completing Data synchronization                                         |
|                |         |                              | SCM Down               | Down          | Rebooting | -                     | System2 restarts instantly.                                                                       |
|                |         |                              | Heartbeat Link down    | Active alone  | Rebooting | -                     | Execute rebooting if Eth2 is up/down                                                              |
|                |         |                              | Active Link Down       | Standby Alone | Rebooting | -                     | System2 restarts instantly.                                                                       |
|                |         | Data synchronization timeout | Process error          | Active        | Standby   | Switch over exception | In case that any process of SCME is not data synchronization complete, System2 restarts instantly |
|                |         |                              | Long time CPU Overload | Active        | Standby   | Switch over exception | -                                                                                                 |
|                |         |                              | Memory Alarm           | Active        | Standby   | Switch over exception | -                                                                                                 |
|                |         |                              | Administrator command  | Active        | Standby   | Switch over exception | -                                                                                                 |
|                |         |                              | SCM Down               | Down          | Rebooting | -                     | System2 restarts instantly                                                                        |
|                |         |                              | Active Link Down       | Standby Alone | Rebooting | -                     | System2 restarts instantly                                                                        |

(Continued)

| Previous State |               |                             | Active System Failure  | Result        |               |                       | Remarks                                                                                                                                                                   |
|----------------|---------------|-----------------------------|------------------------|---------------|---------------|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| System1        | System2       | Standby State               |                        | System1       | System2       | Action                |                                                                                                                                                                           |
| Active         | Standby       | Critical/Major Process Down | Process error          | Active        | Standby       | Switch over exception | Active process restarts                                                                                                                                                   |
|                |               |                             | Long time CPU Overload | Active        | Standby       | Switch over exception | -                                                                                                                                                                         |
|                |               |                             | Memory Alarm           | Active        | Standby       | Switch over exception | -                                                                                                                                                                         |
|                |               |                             | Administrator command  | Active        | Standby       | Switch over exception | In case of switch over by administrator command, the switch over does not occur if a process of Standby system is down regardless of process grade (Critical/Major/Minor) |
|                |               |                             | SCM Down               | Down          | Rebooting     | -                     | System2 restarts instantly                                                                                                                                                |
|                |               |                             | Active Link Down       | Standby Alone | Rebooting     | -                     | System2 restarts instantly                                                                                                                                                |
| Active Alone   | Standby Alone | -                           | Process error          | Active Alone  | Standby Alone | -                     | Each process restarts                                                                                                                                                     |
| -              | -             | -                           | Long time CPU Overload | Active Alone  | Standby Alone | -                     | -                                                                                                                                                                         |
| -              | -             | -                           | Memory Alarm           | Active Alone  | Standby Alone | -                     | -                                                                                                                                                                         |
| -              | -             | -                           | Administrator command  | Active Alone  | Standby Alone | -                     | -                                                                                                                                                                         |

(Continued)

| Previous State |              |               | Active System Failure  | Result        |               |        | Remarks               |
|----------------|--------------|---------------|------------------------|---------------|---------------|--------|-----------------------|
| System1        | System2      | Standby State |                        | System1       | System2       | Action |                       |
| -              | -            | -             | SCM Down               | Down          | Standby Alone | -      | Operator action       |
| -              | -            | -             | Active Link Down       | Standby Alone | Standby Alone | -      | Operator action       |
| Active Alone   | Standby Down | -             | Process error          | Active Alone  | Down          | -      | Each process restarts |
| -              | -            | -             | Long time CPU Overload | Active Alone  | Down          | -      | -                     |
| -              | -            | -             | Memory Alarm           | Active Alone  | Down          | -      | -                     |
| -              | -            | -             | Administrator command  | Active Alone  | Down          | -      | -                     |
| -              | -            | -             | SCM Down               | Down          | Down          | -      | Operator action       |
| -              | -            | -             | Active Link Down       | Standby Alone | Down          | -      | Operator action       |

### 3.4 How to set supplementary service using feature code by phone

| Service Type             | Feature Code Digit | Request type                                        | Description                                                                                                                                                                                                                                                                                             |
|--------------------------|--------------------|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ACD Agent Break-Cancel   | *510               | FC                                                  | This feature code requests for unsetting of an ACD agent's break status.<br>(Agent must be Logged in ACD Group)                                                                                                                                                                                         |
| ACD Agent Break-Set      | *511               | FC                                                  | This feature code requests for setting of an ACD agent's break status.<br>(Agent must be Logged in ACD Group)                                                                                                                                                                                           |
| ACD Agent Login-Login    | *501               | FC + Agent ID + Agent PW + ACD Group Num (Optional) | This feature code requests for an ACD agent's login of an ACD group.<br>- Agent ID: CONFIGURATION > Application > ACD > ACD Agent > Agent ID<br>- Agent PW: CONFIGURATION > Application > ACD > ACD Agent > Password<br>- Agent Group Num: CONFIGURATION > Application > ACD > ACD Group > Group Number |
| ACD Agent Login-Logout   | *500               | FC + Agent PW + ACD Group Num (Optional)            | This feature code requests for an ACD agent's logout of an ACD group.<br>- Agent PW: CONFIGURATION > Application > ACD > ACD Agent > Password<br>- Agent Group Num: CONFIGURATION > Application > ACD > ACD Group > Group Number                                                                        |
| ACD Agent Wrap-Up-Cancel | *520               | FC                                                  | This feature code requests for unsetting of an ACD agent's wrap-up status after an agent call.                                                                                                                                                                                                          |
| ACD Agent Wrap-Up-Set    | *521               | FC                                                  | This feature code requests for setting of an ACD agent's wrap-up status after an agent call.                                                                                                                                                                                                            |
| AME Enable-Cancel        | *210               | FC                                                  | This feature code disables answering machine emulation.                                                                                                                                                                                                                                                 |
| AME Enable-Set           | *211               | FC                                                  | This feature code enables answering machine emulation. If the service is enabled, when there is an incoming call, the caller's voice is heard over the speaker as the caller leaves a voice message.                                                                                                    |

(Continued)

| Service Type              | Feature Code Digit | Request type                       | Description                                                                                                                                                                                                 |
|---------------------------|--------------------|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| AME Mode-Start            | *201               | N/A                                | This feature code, when there is an incoming call, directs the call to answering machine while ringing, or stops answering machine recording of a call and directs the call to the user.                    |
| AME Mode-Stop             | *200               | N/A                                | This feature code, when there is an incoming call, directs the call to answering machine while ringing, or stops answering machine recording of a call and directs the call to the user.                    |
| Absence-Cancel            | *410               | FC                                 | This feature code requests for cancelation of the absence service.                                                                                                                                          |
| Absence-Set               | *411               | FC                                 | This feature code requests for registration of the absence service. If the service is enabled, when there is an incoming call, the absent announcement is played for the caller and the call is terminated. |
| All Feature Clear         | *99                | FC                                 | This feature code requests resetting of all features assigned to your number. Call Forward, DND, Absence, Extension Lock, etc. will be cleared.                                                             |
| Attendant Continuous Call | *73                | N/A                                | This feature code is used for requesting a service which allows a call transferred by an IP attendant to be redirected to the IP attendant after called party hangs up the phone.                           |
| Auto Answer Mode-Cancel   | *430               | FC                                 | This feature code requests for cancelation of a service which automatically connects incoming calls in speaker mode.                                                                                        |
| Auto Answer Mode-Set      | *431               | FC                                 | This feature code requests for registration of a service which automatically connects incoming calls in speaker mode.                                                                                       |
| Auto Retry-Cancel         | *170               | FC                                 | This feature code is used for canceling auto redials.                                                                                                                                                       |
| Auto Retry-Set            | *171               | FC + Dst. Number for Outbound Call | This feature code is used for requesting auto redials. If the service is used when the number you dialed is busy, the number is automatically redialed repeatedly.                                          |

(Continued)

| Service Type                      | Feature Code Digit | Request type     | Description                                                                                                                                                                                             |
|-----------------------------------|--------------------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Barge-In with Tone                | *23                | FC + Extension # | This feature code is used for requesting the barge-in service. If the service is used when the other person is engaged in a call, a three-way call is established.                                      |
| Barge-In without Tone             | *24                | FC + Extension # | This feature code is used for requesting the barge-in without tone service. If the service is used when the other person is engaged in a call, a three-way call is established but your voice is muted. |
| Call Forward All-Cancel           | *610               | FC               | This feature code is used for requesting cancelation                                                                                                                                                    |
| Call Forward All-Set              | *611               | FC + <CF Number> | This feature code is used for requesting registration of a service which forwards all incoming calls to another number.                                                                                 |
| Call Forward Busy-Cancel          | *620               | FC               | This feature code is used for requesting cancelation of a service which forwards incoming calls to another number when busy.                                                                            |
| Call Forward Busy-Set             | *621               | FC + <CF Number> | This feature code is used for requesting registration of a service which forwards incoming calls to another number when busy.                                                                           |
| Call Forward Busy/NoAnswer-Cancel | *640               | FC               | This feature code is used for requesting cancelation of Call Forward Busy and Call Forward No Answer simultaneously.                                                                                    |
| Call Forward Busy/NoAnswer-Set    | *641               | FC + <CF Number> | This feature code is used for requesting registration of Call Forward Busy and Call Forward No Answer simultaneously.                                                                                   |
| Call Forward Clear All            | *60                | FC               | This feature code is used for requesting cancelation of all call forward services configured for your number.                                                                                           |
| Call Forward No Answer-Cancel     | *630               | FC               | This feature code is used for requesting cancelation of a service which forwards incoming calls to another number when not answered.                                                                    |
| Call Forward No Answer-Set        | *631               | FC + <CF Number> | This feature code is used for requesting registration of a service which forwards incoming calls to another number when not answered.                                                                   |

(Continued)

| Service Type                    | Feature Code Digit | Request type                | Description                                                                                                                                                                                                                                                            |
|---------------------------------|--------------------|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Call Forward Unreachable-Cancel | *660               | FC                          | This feature code is used for requesting cancelation of a service which forwards incoming calls to another number if the phone being called is not registered or otherwise unavailable.                                                                                |
| Call Forward Unreachable-Set    | *661               | FC + <CF Number>            | This feature code is used for requesting registration of a service which forwards incoming calls to another number if the phone being called is not registered or otherwise unavailable.                                                                               |
| Call Intercept                  | *72                | N/A                         | This feature code is used for an user intercept a call after barged-in.                                                                                                                                                                                                |
| Call Park Extension             | *11                | FC<br>FC + Extension Number | This feature code is used for requesting parking of the current call for an extension number. If you dial the feature code without an extension number, the call will be parked for your number.                                                                       |
| Call Park Orbit                 | *10                | FC + Orbit Number           | This feature code is used for requesting parking of the current call for an orbit park ID.                                                                                                                                                                             |
| Call Recording                  | *22                | N/A                         | This feature code is used for requesting recording of the current call conversation in voice mail.                                                                                                                                                                     |
| Call Waiting-Cancel             | *180               | FC                          | This feature code is used for requesting cancelation of a service which allows you to wait for the called party when the number you dialed is busy.                                                                                                                    |
| Call Waiting-Set                | *181               | FC                          | This feature code is used for requesting registration of a service which allows you to wait for the called party when the number you dialed is busy.                                                                                                                   |
| Callback-Cancel                 | *160               | FC (+ Extension #)          | This feature code is used for requesting registration of the callback service. If the service is used when the number you dialed is busy, your phone will ring when the other person finishes the previous call. Answering the phone automatically redials the number. |



(Continued)

| Service Type         | Feature Code Digit | Request type                     | Description                                                                                                                                                                                                                                                            |
|----------------------|--------------------|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Callback-Set         | *161               | FC + Extension #                 | This feature code is used for requesting registration of the callback service. If the service is used when the number you dialed is busy, your phone will ring when the other person finishes the previous call. Answering the phone automatically redials the number. |
| Change Language      | *34                | FC + Language                    | This feature code is used for requesting change of the language used for your number.<br>- Language: 0: Korean, 1: English                                                                                                                                             |
| Change Password      | *33                | FC + Old PIN + New PIN + New PIN | This feature code is used for requesting change of the password used for your number.<br>EX) *33+0000+1111+1111                                                                                                                                                        |
| Conference           | *89                | FC                               | This feature code is used for requesting a conference call.                                                                                                                                                                                                            |
| Conference on Answer | *81                | FC + Extension #                 | This feature code is used for requesting a service which immediately starts a three-way conference call when answered by the called party during a call.                                                                                                               |
| DND-Cancel           | *400               | FC                               | This feature code is used for requesting for cancelation of the DND service. If the service is enabled, when there is an incoming call, the DND announcement is played for the caller and the call is terminated.                                                      |
| DND-Set              | *401               | FC                               | This feature code is used for requesting for registration of the DND service. If the service is enabled, when there is an incoming call, the DND announcement is played for the caller and the call is terminated.                                                     |
| DND Override         | *25                | FC + DND Override target number  | This feature code is used for requesting the DND override service. If the service used when the number you dialed is in DND mode, the DND setting is ignored and the call is made.                                                                                     |
| Direct Call Pickup   | *0                 | FC + Extension Number            | This feature code is used for requesting a service which allows you to dial into another number and answer its incoming call when the phone is ringing.                                                                                                                |

(Continued)

| Service Type                   | Feature Code Digit | Request type                                                | Description                                                                                                                                                                                                |
|--------------------------------|--------------------|-------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Dispatch Conference            | -                  | N/A                                                         | This feature code is used for making conference by using CSTA application. It calls multiple members at once.                                                                                              |
| Extended Alarm Reminder-Cancel | -                  | FC + Alarm Index (1-4)                                      | One subscriber can have multiple wakeup calls by using this feature code. This feature is aimed to support hotel services. This feature code is used for requesting for service cancelation                |
| Extended Alarm Reminder-Set    | -                  | FC + Alarm Index (1-4) + Alarm Ring Type (1-2) + (MMDD)HHMM | One subscriber can have multiple wakeup calls by using this feature code. This feature is aimed to support hotel services. This feature code is used for requesting for service registration               |
| FXS Call Waiting Disable       | *78                | -                                                           | This feature code is used for disabling call waiting during a call on a gateway FXS phone.                                                                                                                 |
| FXS Last Member Drop           | *76                | -                                                           | This feature code is used for requesting deletion of the last joined attendee of a conference call on a gateway FXS phone.                                                                                 |
| FXS Make Call with CW Disable  | *79                | -                                                           | This feature code is used for disabling call waiting during a call which was dialed from a gateway FXS phone.                                                                                              |
| FXS Make Conference Call       | *77                | -                                                           | This feature code is used for requesting a conference call during a call on a gateway FXS phone.                                                                                                           |
| Follow Me-Cancel               | *670               | FC + PIN Number + <CF Number>                               | This feature code is used for requesting cancelation of a service which allows you to use another phone to answer incoming calls for your phone. PIN Number: CONFIGURATION > User > XXX User > PIN Number  |
| Follow Me-Set                  | *671               | FC + PIN Number + <CF Number>                               | This feature code is used for requesting registration of a service which allows you to use another phone to answer incoming calls for your phone. PIN Number: CONFIGURATION > User > XXX User > PIN Number |
| Forced Call Release            | *75                | N/A                                                         | This feature code is used for an user release the call by force after barged-in.                                                                                                                           |

(Continued)

| Service Type               | Feature Code Digit | Request type                   | Description                                                                                                                                                                                                                                                                                                      |
|----------------------------|--------------------|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Group Call Forward-Cancel  | *680               | FC                             | This feature code is used to deactivate the forwarding feature of a Call Forward Group.                                                                                                                                                                                                                          |
| Group Call Forward-Set     | *681               | FC + <CF Number>               | This feature code is used to activate the forwarding feature of a Call Forward Group.                                                                                                                                                                                                                            |
| Group Call Pickup          | **                 | FC<br>FC + Pickup Group Number | This feature code is used for requesting a service which allows you to dial into the Pickup group number of another number and answer its incoming call when the phone is ringing. If you dial the feature code without a Pickup group number, the call currently ringing for the Pickup group will be answered. |
| Hotel COS Change           | -                  | FC + Hotel COS (00-99)         | This feature code is used for changing COS of a room phone. It is aimed to support hotel services.                                                                                                                                                                                                               |
| Hotel Service              | -                  | FC                             | This feature code is used for changing status of room. It is aimed to support hotel services.                                                                                                                                                                                                                    |
| Hotel Staff Locate         | -                  | FC + Hotel Staff               | This feature code is used for informing the location of staff. It is aimed to support hotel services.                                                                                                                                                                                                            |
| In/Out of Hunt Group-In    | *531               | FC                             | This feature code requests for login for a hunt group. When there is an incoming call for the hunt group, the logged out members are excluded when determining the called party.                                                                                                                                 |
| In/Out of Hunt Group-Out   | *530               | FC                             | This feature code requests for logout for a hunt group. When there is an incoming call for the hunt group, the logged out members are excluded when determining the called party.                                                                                                                                |
| Individual Speed Dial-Call | -                  | FC + ISC ID                    | This feature code is used for support speed dial per subscribers.                                                                                                                                                                                                                                                |

(Continued)

| Service Type                   | Feature Code Digit | Request type             | Description                                                                                                                                                                                                                                                                                  |
|--------------------------------|--------------------|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Individual Speed Number-Delete | -                  | FC + ISC ID              | This feature code is used to delete an Individual Speed Dial number.                                                                                                                                                                                                                         |
| Individual Speed Number-Insert | -                  | FC + ISD ID + ISC Number | This feature code is used to add an Individual Speed Dial number.                                                                                                                                                                                                                            |
| Intercom                       | *30                | FC + Extension           | This feature code requests for the intercom service which allows one-touch dialing and automatic answering of calls between the numbers registered with the intercom feature, such as executives and secretaries.                                                                            |
| Intercom Conference            | -                  | FC + Group Number        | If user dial this feature code and hunt group number, caller and hunt group members can join conference. And the hunt group members answer automatically.                                                                                                                                    |
| Last Incoming Redial           | *32                | FC                       | This feature code requests for redialing of the last incoming call's CLI number.                                                                                                                                                                                                             |
| Last Outgoing Redial           | *31                | FC                       | This feature code requests for redialing of the last dialed number.                                                                                                                                                                                                                          |
| Malicious Call Trace           | *26                | N/A                      | This feature code is used for requesting the malicious call trace service. If the service is used when there is a malicious call or an otherwise unwanted call, signaling will remain connected even if the caller has hung up the phone, so that the caller can be traced.                  |
| Meet Me Conference Join        | *82                | FC + Meetme ID           | This feature code is used for participating in a meet me conference, which is set up by reserving the time and channel of the conference and joined by calling into the conference room at the conference time.                                                                              |
| Mobile Pickup                  | *14                | FC                       | This feature code is used for requesting the MOBEX on desk pick up service. If the service is enabled, when the office phone and the mobile phone ring simultaneously by the multi-ring feature, you can answer the call on the mobile phone and then continue the call on the office phone. |

(Continued)

| Service Type             | Feature Code Digit | Request type            | Description                                                                                                                                                                                                              |
|--------------------------|--------------------|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Move to Mobile           | *19                | N/A                     | This feature code is used for moving the call on the desk phone to mobile phone.                                                                                                                                         |
| Multi-Device Conference  | -                  | N/A                     | Even if one multi-device already joined a conference, the other multi-device using same number can also join the same conference.<br>This feature code is used for supporting it.                                        |
| Multi-Ring Enable-Cancel | *460               | FC                      | This feature code cancels the multi-ring service. If the service is enabled, when there is an incoming call, multiple phones ring so that one of the phones can be used to answer the call.                              |
| Multi-Ring Enable-Set    | *461               | FC + PIN Number of User | This feature code registers the multi-ring service. If the service is enabled, when there is an incoming call, multiple phones ring so that one of the phones can be used to answer the call.                            |
| Multi-Ring Member-Delete | *470               | FC + Member Number      | This feature code requests removing of members to/from the multi-ring service. If the service is enabled, when there is an incoming call, multiple phones ring so that one of the phones can be used to answer the call. |
| Multi-Ring Member-Insert | *471               | FC + Member Number      | This feature code requests adding of members to/from the multi-ring service. If the service is enabled, when there is an incoming call, multiple phones ring so that one of the phones can be used to answer the call.   |
| No Ring-Cancel           | *440               | FC                      | This feature code requests for cancelation of the no ring service. If the service is enabled, when there is an incoming call, the phone does not ring but the call can be answered.                                      |
| No Ring-Set              | *441               | FC                      | This feature code requests for registration of the no ring service. If the service is enabled, when there is an incoming call, the phone does not ring but the call can be answered.                                     |

(Continued)

| Service Type              | Feature Code Digit | Request type                               | Description                                                                                                                                                                                                                                 |
|---------------------------|--------------------|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Outbound Call Lock-Cancel | *420               | FC + PIN Number                            | If this feature code is set, system does not let user make an outgoing call.<br>This feature code requests for cancelation of the no ring service.<br>- PIN Number: CONFIGURATION > User > XXX User > PIN Number                            |
| Outbound Call Lock-Set    | *421               | FC + PIN Number                            | If this feature code is set, system does not let user make an outgoing call.<br>This feature code requests for registration of the no ring service.<br>- PIN Number: CONFIGURATION > User > XXX User > PIN Number                           |
| Paging On Answer          |                    | FC + Group Number                          | This feature code creates Paging On Answer conference.                                                                                                                                                                                      |
| Parked Call Retrieve      | *12                | FC<br>FC + Parked Number                   | This feature code is used for picking up a call parked for the extension number or the orbit park ID.                                                                                                                                       |
| Predefined Conference     | -                  | FC (+ Predefined ID)                       | This feature code is used for paging all the members registered in the conference system simultaneously for a conference.                                                                                                                   |
| Predefined Text Message   | -                  | FC + Message ID (2 Digit) + Dest Num       | If users want to send text messages set by the administrator, user should dial this feature code with destination number.<br>- Message ID: CONFIGURATION > Service > Predefined Text Message > Message ID<br>- Dest Num: Destination number |
| Progressive Conference    | -                  | FC                                         | This feature code is used for entering numbers of multiple members in the conference system and then paging them simultaneously for a conference.                                                                                           |
| Remote Extension Lock     | *71                | Remote Extension Set FC + Room Number + FC | This feature code is used for an IP attendant to set incoming/outgoing call lock for another extension number.                                                                                                                              |
| Remote Extension Set      | *70                | FC + Extension                             | This feature code is used for an IP attendant to set features for another extension number.                                                                                                                                                 |
| Remote Office-Cancel      | -                  | FC                                         | This feature code is used to deactivate the Remote Office feature.                                                                                                                                                                          |

(Continued)

| Service Type              | Feature Code Digit | Request type      | Description                                                                                                                                                      |
|---------------------------|--------------------|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Remote Office-Set         | -                  | FC + <CF Number>  | This feature code is used to activate the Remote Office feature.                                                                                                 |
| Ring Plan Override-Cancel | -                  | FC                | This feature code is used to override time-based auto ring plan manually.<br>This feature code is used to deactivate the Remote Office feature.                  |
| Ring Plan Override-Set    | -                  | FC + Ring Plan ID | This feature code is used to override time-based auto ring plan manually.<br>This feature code is used to activate the Remote Office feature. Ring Plan ID: 1~15 |
| Shared Call Retrieve      | *15                | N/A               | This feature code is used for picking up a call parked for another phone when using multi-device.                                                                |
| Station Paging            | *55                | FC + Group Number | This feature code is used for requesting an extension announcement service.                                                                                      |
| Temporary CID Restriction | *35                | FC + 전화번호         | If used when making a phone call, your number is not displayed in the called party's phone.                                                                      |
| VM Access                 | *88                | FC                | This feature code is used for dialing to access the voice mail system.                                                                                           |
| VM Administration         | *86                | FC                | This feature code is used for accessing the voice mail system and changing it settings.                                                                          |
| VM Memo                   | #                  | FC                | This feature code is used for accessing the voice mail system and leaving a message for another number or in your own mailbox.                                   |
| VM Message                | *85                | FC                | This feature code is used for accessing the voice mail system and listening to messages in your mailbox.                                                         |
| VM Transfer               | *87                | N/A               | This feature code is used for directing the current call to the voice mail system and connecting it the mailbox for another number.                              |

(Continued)

| Service Type           | Feature Code Digit | Request type                            | Description                                                                                                                                                                 |
|------------------------|--------------------|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Voluntary Account Code | *36                | N/A                                     | When a trunk call is made from a phone set with voluntary account code input, you can press the account code button and enter an account code when outbound call connected. |
| Wake-Up Call-Cancel    | *450               | FC                                      | This feature code requests for cancelation of the wake-up call service, which, if set with a time, an alarm will ring at the set time.                                      |
| Wake-Up Call-Set       | *451               | FC + Alarm Ring Type (1-2) + (MMDD)HHMM | This feature code requests for registration of the wake-up call service, which, if set with a time, an alarm will ring at the set time.                                     |



## 3.5 Occupation bandwidth by each media

This information displays occupation bandwidth per media type. It is sampling data, packet size can be changed depending on the contents of the message.

| Division   |                     | INVITE (Bytes) Approximation | Bandwidth per RTP packet (bytes/20 ms) |       | Remarks     |
|------------|---------------------|------------------------------|----------------------------------------|-------|-------------|
|            |                     |                              | Voice                                  | H.263 |             |
| Voice Call | RTP-G711            | 1083                         | 214                                    | N/A   | Voice only  |
|            | RTP-G729            | 1083                         | 74                                     |       |             |
|            | sRTP-AES (G711)     | 1083                         | 224                                    |       |             |
|            | sRTP-AES (G729)     | 1083                         | 84                                     |       |             |
|            | sRTP-ARIA128 (G711) | 1083                         | 224                                    |       |             |
|            | sRTP-ARIA128 (G729) | 1083                         | 84                                     |       |             |
|            | sRTP-ARIA192 (G711) | 1083                         | 224                                    |       |             |
|            | sRTP-ARIA192 (G729) | 1083                         | 84                                     |       |             |
| Video Call | RTP-G711            | 1331                         | 214                                    | 1342  | Voice/Video |
|            | RTP-G729            | 1331                         | 74                                     | 1342  |             |
|            | sRTP-AES (G711)     | 1500                         | 224                                    | 1342  |             |
|            | sRTP-AES (G729)     | 1116                         | 84                                     | 1342  |             |
|            | sRTP-ARIA128 (G711) | 1502                         | 224                                    | 1342  |             |
|            | sRTP-ARIA128 (G729) | 1503                         | 84                                     | 1342  |             |
|            | sRTP-ARIA192 (G711) | 1503                         | 224                                    | 1342  |             |
|            | sRTP-ARIA192 (G729) | 1503                         | 84                                     | 1342  |             |

- Voice call per 1 sec occupies 1070 bytes ( $214 \text{ bytes} \times 50 \text{ packet}$ , Based on G711). The bandwidth is occupied by simultaneous call proportionally.
- Video call per 1 sec occupies 77800 bytes  $((214 + 1342) \times 50 \text{ packet}$ , Based on G711). The bandwidth is occupied by simultaneous call proportionally.

### 3.6 SCME Process Glossary and description

| System | Sub System | Block | Full Name                          | Level    | Description                                                                                                                                                                                                                                                            |
|--------|------------|-------|------------------------------------|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| -      | -          | -     | Application Layer                  | -        | -                                                                                                                                                                                                                                                                      |
| CM     |            | -     | Call Manager System                | -        | -                                                                                                                                                                                                                                                                      |
| -      | HMS        |       | Human & Machine Subsystem          | -        | -                                                                                                                                                                                                                                                                      |
| -      | -          | HGSB  | HMS GUI Server Block               | Critical | This block supports interface with SCME Admin.                                                                                                                                                                                                                         |
| -      | -          | COMIB | Common Interface Block             | Critical | This block manages TCP session connecting with SCME Admin                                                                                                                                                                                                              |
| -      | -          | GPSIB | GUI & Proxy Stream Interface Block | Critical | This block analyzes the command of input message by COMIB and HGSB. Also it checks basic error.<br>This block transfers the command processed successfully to GPSIB of Standby system at redundancy environment. So it is responsible for Data Hot-Sync.               |
| -      | -          | PWPIB | Personal Web Page Interface Block  | Normal   | This block transfers messages between Web server for Personal Web Page and DMB.                                                                                                                                                                                        |
| -      | SMS        |       | System Management Subsystem        | -        | -                                                                                                                                                                                                                                                                      |
| -      | -          | PLSMB | Process Loading & Management Block | -        | PLSMB manages function blocks of SCME. Upon system bootup, it loads blocks and periodically monitors block status to restart it upon abnormal termination. It executes operator's block start, termination, query request, and executes block's version query request. |
| -      | -          | RMB   | Resource Management Block          | Normal   | RMB periodically monitors system resource of SCME and records system resource status in local file. Main resource information monitored by RMB is described below and details are described in the low-level design.                                                   |

(Continued)

| System | Sub System  | Block        | Full Name                                     | Level    | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|--------|-------------|--------------|-----------------------------------------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| -      | -           | <b>LOGB</b>  | Log Block                                     | Normal   | LOGB gathers log of each process of SCM and records it in local file in Syslog.<br>SCM divides log levels into INFO, WARN, MIN, MAJ, CRI, DEB0, DEB1, DEB2, and DEB3.<br>SCM provides two log files by block, and Log File Name is in type of 'Block Name.log' and 'BlockName.log.old'.<br>The SCM block records log in BlockName.log, and if size of BlockName.log exceeds logsize set to Log Configuration, File Name is changed to 'BlockName.log.old'. If existing 'BlockName.log.old:' File resides, this is deleted.<br>LOGB converts such received log as described above from SCM block into Syslog and creates a Local File |
| -      | -           | <b>ACLB</b>  | Access Control List Block                     | Normal   | ACLB has the feature for allowance/block of IP which is set to ACL list. ACLB is set by administrator or manages the ACL list for access blocking detected by SIPB.                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| -      | -           | <b>ISCPB</b> | Inter System Call Protocol Block              | Critical | The module for transmitting/receiving data between Active and Active SCME                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| -      | <b>OAMS</b> |              | Operation & Assistance & Management Subsystem | -        | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| -      | -           | <b>AFMB</b>  | Alarm Fault Management Block                  | Normal   | AFMB gathers alarm, fault, status information generated from SCM, records history information and alarm generation list (unclear alarm) in database and shared memory and reports the generation of alarm, fault, and status to the operator through WebGUI.<br>In addition, it deletes and retrieves history information by man-machine interface.                                                                                                                                                                                                                                                                                  |

(Continued)

| System | Sub System | Block         | Full Name                        | Level  | Description                                                                                                                                                                                                                                               |
|--------|------------|---------------|----------------------------------|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| -      | -          | <b>DMB</b>    | Database Management Block        | Major  | DMB manages data shared by SCM blocks using database and shared memory.<br>It checks the dependency between existing data and input data.<br>It loads stored data in DBMS to shared memory.<br>It loads all data to shared memory when booting up system. |
| -      | -          | <b>PDMB</b>   | Provision Data Management Block  | Normal | PDMB sends Provision Data (DN, IP Address, Supplementary Service Data, etc.) of terminal, and changes service data of SCM terminal by the request of terminal.                                                                                            |
| -      | -          | <b>STMB</b>   | Statistics Management Block      | Normal | STMB calculates, controls, stores and deletes data on calls generated from the system.                                                                                                                                                                    |
| -      | -          | <b>CMB</b>    | Call Management Block            | Normal | CMB displays and terminates calls by operator's request regarding calls generated from system and displays call trace data in operator's screen                                                                                                           |
| -      | -          | <b>DBMB</b>   | DB Backup Block                  | Normal | DBMB provides function to retrieve the database space which is currently used, and the function to back up the database.                                                                                                                                  |
| -      | -          | <b>SNMPAB</b> | SNMP Agent Block                 | Normal | SNMPAB is SNMP Agent supporting SNMPv1/v2c And it is interface block with SNMP NMS                                                                                                                                                                        |
| -      | -          | <b>SQMB</b>   | Service Quality Management Block | Normal | SQMB manages overall VQM (Voice Quality Monitoring), the state and scheduling of SQFTB/SQSAB                                                                                                                                                              |
| -      | -          | <b>SQFTB</b>  | Service Quality FTP Block        | Normal | SQFTB connects Ubigate switch/route on which VQM Engine is mounted as FTP client periodically. It searches for QoS file and brings the data to SCM Express.                                                                                               |
| -      | -          | <b>SQSAB</b>  | Service Quality Statistics Block | Normal | SQSAB parses QoS file which SQFTB got. It is charge of the function which stores/manages parsed QoS data.                                                                                                                                                 |

(Continued)

| System | Sub System | Block           | Full Name                                    | Level  | Description                                                                                                                                                                                                                                                  |
|--------|------------|-----------------|----------------------------------------------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| -      | -          | <b>SSOMB</b>    | Single Sign On Management Block              | Normal | SSOMB is responsible for user authentication/login function of OSC (OfficeServCommunicator) and personal web page.                                                                                                                                           |
| -      | -          | <b>ASMB</b>     | ACD Lite Statistics Management Block         | Normal | ASMB does statistical processing after gathering ACD call information.                                                                                                                                                                                       |
| -      | -          | <b>UMSMB</b>    | UMS Light Management Block                   | Normal | UMSMB is the module which manages changed database for UMS and set information.                                                                                                                                                                              |
| -      | -          | <b>MCSMB</b>    | MCS Light Management Block                   | Normal | MCSMB is the module which manages changed database for MCS and set information.                                                                                                                                                                              |
| -      | -          | <b>MUAB</b>     | Mail User Agent Block                        | Normal | MUAB is responsible for sending e-mail to administrator when Alarm and Fault happens at SCME as SMTP client.                                                                                                                                                 |
| -      | -          | <b>GWMB</b>     | Gateway Management Block                     | Normal | GWMB transfers gateway profile data and survivable data to Gateway. Especially it sends the setting value of FXS and FXO in case of iBG.                                                                                                                     |
| -      | -          | <b>LMB</b>      | License Management Block                     | Normal | LMB manages SCME license. It stores the result to file after analyzing input data from GUI.                                                                                                                                                                  |
| -      | -          | <b>SPPIB</b>    | Samsung Proprietary Protocol Interface Block | Normal | SPPIB notifies the IP address which downloads profile using OSPP protocol when connecting phone based on OfficeServ.                                                                                                                                         |
| -      | -          | <b>HISTORYB</b> | History Block                                | Normal | HISTORYB stores various operations which can occur in system by type to DB. And it has management function.<br>Ex) It stores below contents.<br>SPAM Call Log, Incoming Call Log, Call paging, Call Log, WakeUp Call Log, Feature Set Log, Register Fail Log |

(Continued)

| System | Sub System  | Block       | Full Name                                          | Level    | Description                                                                                                                          |
|--------|-------------|-------------|----------------------------------------------------|----------|--------------------------------------------------------------------------------------------------------------------------------------|
| -      | <b>AAAS</b> |             | Authentication & Authorization & Account Subsystem | -        | -                                                                                                                                    |
| -      | -           | <b>REGB</b> | Registration Block                                 | Major    | REGB manages both authentication and registration of SIP phone, Gateway, Endpoint and application.                                   |
| -      | -           | <b>CDRB</b> | Call Data Record Block                             | Normal   | CDRB manages Call Data Record. It uses the method of FTP, RADIUS, Local and TCP to store CDR data.                                   |
| -      | -           | <b>RAUB</b> | Radius Authentication Block                        | Normal   | RAUB manages the authentication of SIP phone and Endpoint. It is connected to RADIUS server as UDP client.                           |
| -      | -           | <b>RACB</b> | Radius Account Block                               | Normal   | RACB plays a role for sending Accounting information of call being occurred at SCME. It is connected to RADIUS server as UDP client. |
| -      | -           | <b>LIB</b>  | LDAP Interface Block                               | Normal   | LIB supports the interface for interworking with LDAP server. It is connected to LDAP server as TCP client.                          |
| -      | -           | <b>CSSB</b> | Current Serving Server Block                       | Major    | CSSB plays a role to decide call server to SCME user at Active-Active configuration.                                                 |
| -      | <b>CDSS</b> |             | Call Data Synchronization Subsystem                | -        | -                                                                                                                                    |
| -      | -           | <b>CDSB</b> | Call Data Synchronization Block                    | Critical | CDSB plays a role for synchronization of call data at Active/Standby of SCME.                                                        |
| -      | <b>BCCS</b> |             | Basic Call Control Subsystem                       | -        | -                                                                                                                                    |
| -      | -           | <b>NRCB</b> | Number Translation & Routing Block                 | Major    | NRCB plays a role for routing, number conversion and number analysis of incoming/outgoing call.                                      |
| -      | -           | <b>CSB</b>  | Call Signaling Block                               | Critical | CSB plays a role for basic call processing.                                                                                          |
| -      | -           | <b>SIPB</b> | SIP Block                                          | Critical | SIPB plays a role for handling SIP protocol.                                                                                         |

(Continued)

| System | Sub System   | Block         | Full Name                             | Level  | Description                                                                                                                                                                                   |
|--------|--------------|---------------|---------------------------------------|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| -      | <b>SSVCS</b> |               | Supplementary Service Subsystem       | -      | -                                                                                                                                                                                             |
| -      | -            | <b>NTFB</b>   | Notify Block                          | Normal | NTFB handles NOTIFY method of SIP.                                                                                                                                                            |
| -      | -            | <b>SASEB</b>  | Static Access Service Execution Block | Normal | SASEB plays a role for value-added call processing                                                                                                                                            |
| -      | -            | <b>MESB</b>   | Message Block                         | Normal | MESB handles MESSAGE method of SIP                                                                                                                                                            |
| -      | -            | <b>INFOB</b>  | Info Msg Block                        | Normal | INFOB handles INFO method without dialog session                                                                                                                                              |
| -      | <b>APPS</b>  |               | Application Subsystem                 | -      | -                                                                                                                                                                                             |
| -      | -            | <b>MOHB</b>   | Music On Hold Block                   | Normal | MOHB controls music source of music on hold.                                                                                                                                                  |
| -      | -            | <b>UI SB</b>  | User Interaction Service Block        | Normal | UI SB supports User Interactive service (DISA, AA, ACCF).                                                                                                                                     |
| -      | -            | <b>CGB</b>    | Call Generation Block                 | Normal | CGB is Call Generating block. It can create INVITE method such as phone.                                                                                                                      |
| -      | -            | <b>CSTALB</b> | CSTA Link Block                       | Normal | CSTALB manages CSTA link and supports the interface for CSTA App being connected to SCME.<br>TCP port is used as long as the number of User groups. Initial port is 6000. (Between 6000~6127) |
| -      | -            | <b>LSMB</b>   | Line Status Management Block          | Normal | LSMB handles the call status of phone.                                                                                                                                                        |
| -      | -            | <b>CSTAMB</b> | CSTA Management Block                 | Normal | CSTAMB sends the Event transformed to CSTA message when processing basic call and value-added call. It plays a role for control of phone using CSTA command.                                  |
| -      | -            | <b>ACDB</b>   | ACD Block                             | Normal | ACDB plays a role for Queuing control, Agent Routing and Announcement of ACD Group incoming call.                                                                                             |



(Continued)

| System    | Sub System | Block           | Full Name                                   | Level  | Description                                                                                                                                                                                                                   |
|-----------|------------|-----------------|---------------------------------------------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| -         | -          | <b>WIMAXB</b>   | WIBRO USI INTERFACE BLOCK                   | Normal | WIMAXB plays a role for USI interface of WIBRO. If call is connected, SCM sends IP and port information of two ways RTP to Azis. Then Azis server guarantees QoS of voice. It is connected to Wimax as TCP client.            |
| -         | -          | <b>EIOB</b>     | TCP Block                                   | Normal | EIOB plays a role for TCP interworking between SCM and external machine.                                                                                                                                                      |
| -         | -          | <b>RECORDB</b>  | Recording Block                             | Normal | RECORDB plays a role for the interface with IP Call monitoring server. It sends the target information of call monitoring and SIP messages to call monitoring server.                                                         |
| -         | -          | <b>MOBILEB</b>  | Mobile Voice (MVS/VCC) Server Block         | Normal | MOBILEB provides Mobile call service through communication with MVS client App of Smart phone.                                                                                                                                |
| -         | -          | <b>SNIB</b>     | Samsung Networks (mySingle) Interface Block | Normal | SNIB plays a role for the interface with My Single server. SNIB receives Click-to-Dial and Remote office information from My Single server.                                                                                   |
| -         | -          | <b>PMSB</b>     | Property Management System Block            | Normal | PMSB plays a role for interworking with Hotel PMS. The hotel function of SCM can be used only if Hotel PMS interworks with SCM.<br>(PMS link management, Room information management, Room setting change, Alarm report, etc) |
| <b>HA</b> |            | -               | High Availability System                    | -      | -                                                                                                                                                                                                                             |
| -         | -          | <b>HAMONB</b>   | HA Monitoring Block                         | -      | HAMONB provide LAN interface redundancy and system redundancy.                                                                                                                                                                |
| -         | -          | <b>HAGUARDB</b> | HA Guard Block                              | -      | HAGUARD is the process so that HAMONB is always running. Therefore, it is connected with HAMONB using TCP, also checks running status of HAMONB periodically. If HAMONB is shut down abnormally, HAGUARD restarts HAMONB.     |

(Continued)

| System      | Sub System | Block              | Full Name                         | Level  | Description                                                                                                                |
|-------------|------------|--------------------|-----------------------------------|--------|----------------------------------------------------------------------------------------------------------------------------|
| <b>MP</b>   |            | -                  | Media Processing System           | -      | -                                                                                                                          |
| -           | -          | <b>MRMB</b>        | Media Resource Management Block   | Normal | MRMB provides the interface to other process which uses internal IVR.                                                      |
| -           | -          | <b>MRAB</b>        | Media Resource Announcement Block | Normal | MRAB sends the RTP packets of Music on Hold and announcement. And it manages RTP and RTCP socket.                          |
| <b>ISOL</b> |            |                    | Internal Solution System          | -      | -                                                                                                                          |
| -           | -          | <b>UMSSIPB</b>     | UMS SIP Block                     | Normal | UMSSIPB plays a role for the interface so that it can do SIP communication among UMSCALLB, internal/external UMS and SIPB. |
| -           | -          | <b>RTPAGENT</b>    | RTP control play & record         | Normal | RTPAGENT sends/receives VM file using RTP.                                                                                 |
| -           | -          | <b>UMSCORE</b>     | UMS core engine module            | Normal | UMSCORE manages VM/AA state of UMS.                                                                                        |
| -           | -          | <b>OLSRV</b>       | Server module for outlook add-in  | Normal | OLSRV play a role for interface of Outlook.                                                                                |
| -           | -          | <b>FETCHMASTER</b> | Email sync module                 | Normal | FETCHMASTER provides collection/state management of UMS.                                                                   |
| -           | -          | <b>FILESERVER</b>  | Internal File Transfer module     | Normal | FILESERVER provides file transmitting/receiving with Outlook client of UMS.                                                |
| -           | -          | <b>UMSCALLB</b>    | UMS Call Block                    | Normal | It is UMSCALLB that handles call control between UMS and SIPB.                                                             |
| -           | -          | <b>MAILALARM</b>   | mail send module                  | Normal | MAILALARM handles SMTP for sending E-mail at UMS.                                                                          |
| -           | -          | <b>MCCD</b>        | MCS Conference Controller daemon  | Normal | MCCD handles conference management/prompt at MCS.                                                                          |
| -           | -          | <b>MCUD</b>        | MCS RTP Mixer daemon              | Normal | It is MCUD that handles the mixing of media at MCS.                                                                        |
| -           | -          | <b>UCMB</b>        | UC Management Block               | Normal | UCMB handles the user information which application uses.                                                                  |
| -           | -          | <b>FETCHIMAPD</b>  | Fetch IMAP Daemon                 | Normal | FETCHIMAPD collects/manages mail using IMAP protocol at UMS.                                                               |

(Continued)

| System                 | Sub System | Block             | Full Name                   | Level  | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------------------|------------|-------------------|-----------------------------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>MPS</b>             |            |                   | Media Proxy Service System  | -      | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| -                      | -          | <b>MPSMB</b>      | MPS Management Block        | Normal | MPSMB manages the channel for MPS service.                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| -                      | -          | <b>MPSB</b>       | MPS Block                   | Normal | MPSB is setting block of kernel level for MPS service.                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>UTIL</b>            |            |                   | Utility Tool System         | -      | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| -                      | -          | <b>MINICLI</b>    | MINI Command Line Interface | -      | It is MINI-CLI that can do setting for SCME which cannot be set using Web GUI. If connecting SCM through specific port of telnet, MINI CLI is running and interactive interface with user is provided. MINI-CLI provides features for changing SCM IP address, setting NTP server, changing time and restoring Database.<br>- TCP Port 55555-MINICLI telnet access port<br>- TCP Port 55557-If configuring redundancy, the port for transmitting/receiving of data between Active and Standby. |
| -                      | -          | <b>Upgrade</b>    | SCM Upgrading Software      | -      | It is software that handles SCM auto upgrade.<br>- Operator can upgrade SCME software using only one command.<br>- Existing DB, source of music and linux setting information are restored when upgrading SCME.                                                                                                                                                                                                                                                                                |
| -                      | -          | -                 | Etc                         | -      | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Management Tool</b> |            |                   | Web Based OAM Tool          | -      | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                        |            | <b>Admin</b>      | OAM Tool for Administration | -      | Admin is the program based on Java which manages SCM Express.                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                        |            | <b>PWP</b>        | Personal Web Page           | -      | PWP handles Web service of personal web page.                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>External</b>        |            |                   | External S/W                | -      | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| -                      | -          | <b>WEB Server</b> | HTTP WebServer              | -      | WEB Server is used to Web Admin Tool and Personal Web Page.                                                                                                                                                                                                                                                                                                                                                                                                                                    |

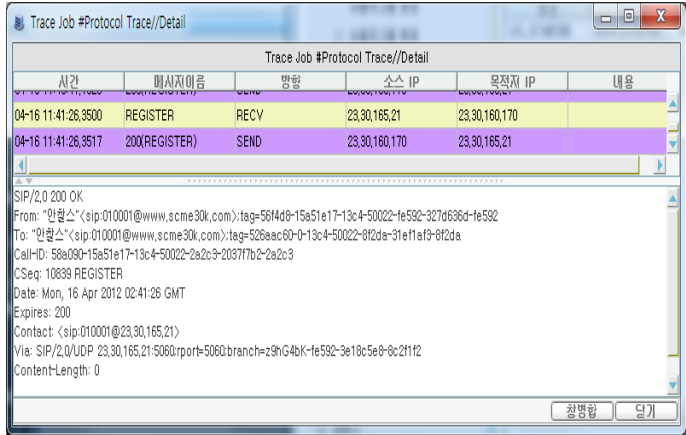
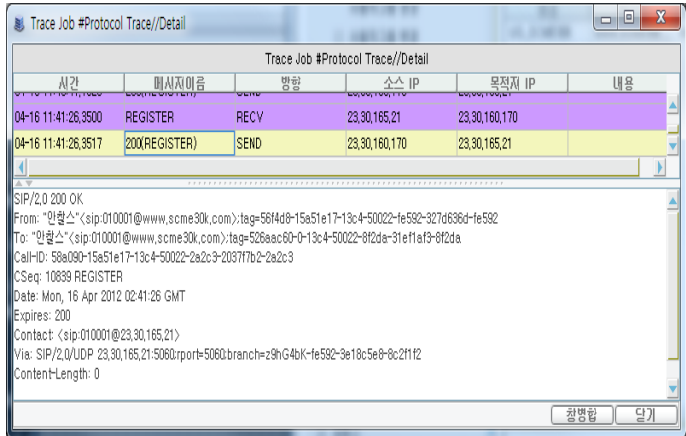
(Continued)

| System | Sub System | Block                  | Full Name       | Level | Description                                                              |
|--------|------------|------------------------|-----------------|-------|--------------------------------------------------------------------------|
| -      | -          | <b>Postgre</b>         | PostGre         | -     | Postgre is DBMS software for management of internal data of SCM Express. |
| -      | -          | <b>MySingle Client</b> | MySingle Client | -     | MySingle client is external API for calling mySingle service.            |
| -      | -          | <b>DNRD</b>            | DNRD            | -     | DNS Query Daemon                                                         |
| -      | -          | <b>NTP</b>             | NTP             | -     | Network Time Protocol Daemon                                             |
| -      | -          | <b>OS</b>              | CentOS 5.3      | -     | Clone OS of Redhat Enterprise Linux                                      |

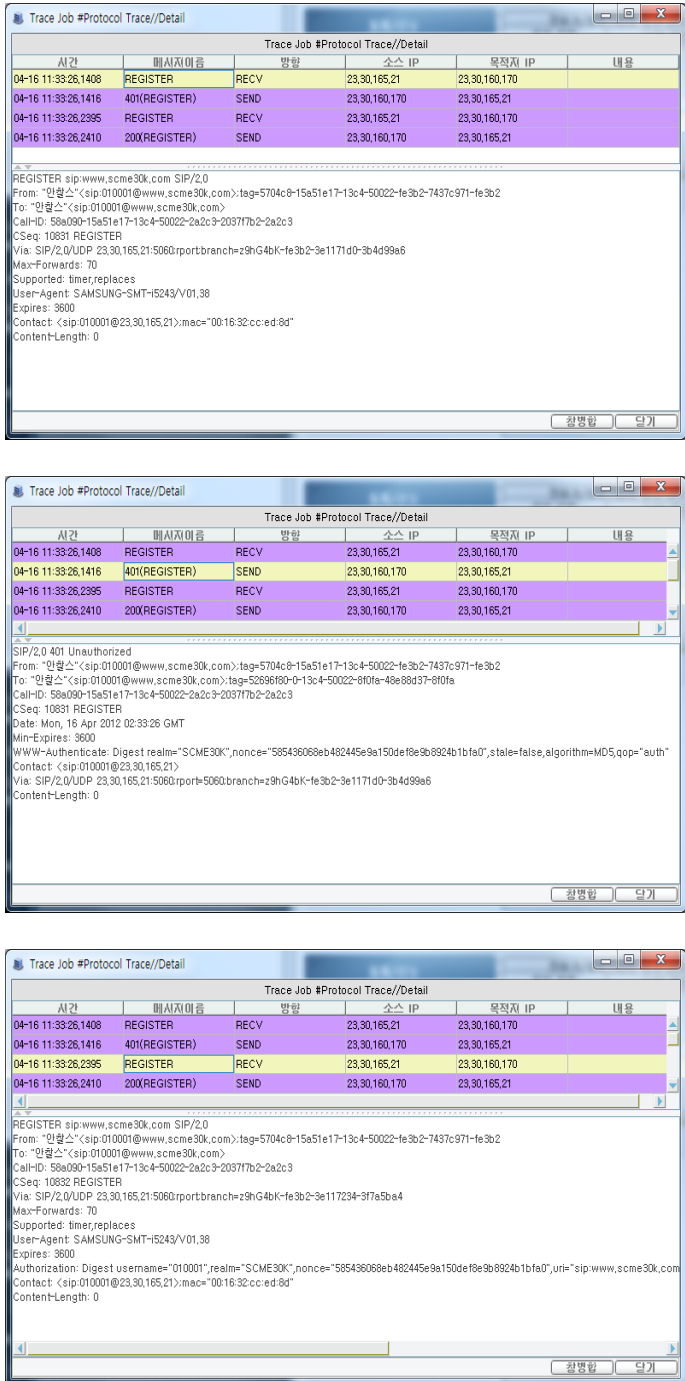
## 3.7 SCME call processing Flow

This is example for SCME call flow. IP used in this example are as follows.

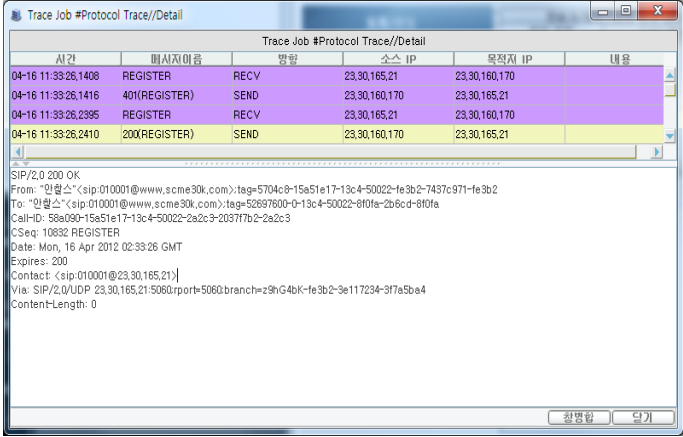
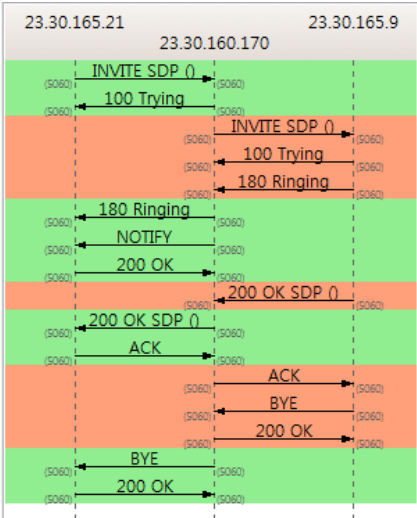
- SCME IP: 23.30.160.170, GW: 23.30.165.10, Phone: 23.30.165.x,

| No.                           | Feature                                                                                                                                                                                                             |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REGISTER<br>No authentication | <p>User registration-No authentication</p>   |

(Continued)

| No.                        | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REGISTER<br>Authentication | <p>User registration-Authentication</p>  <p>The first screenshot shows a successful registration process. The trace table lists four messages: a REGISTER (200 OK) from 23.30.165.21 to 23.30.160.170, a 401 (REGISTER) from 23.30.160.170 to 23.30.165.21, a REGISTER (200 OK) from 23.30.165.21 to 23.30.160.170, and a 200 (REGISTER) from 23.30.160.170 to 23.30.165.21. The content shows a successful registration with a 200 OK response.</p> <p>The second screenshot shows an unauthorized attempt. The trace table lists four messages: a REGISTER (200 OK) from 23.30.165.21 to 23.30.160.170, a 401 (REGISTER) from 23.30.160.170 to 23.30.165.21, a REGISTER (200 OK) from 23.30.165.21 to 23.30.160.170, and a 200 (REGISTER) from 23.30.160.170 to 23.30.165.21. The content shows a 401 Unauthorized response.</p> <p>The third screenshot shows a successful registration process after authentication. The trace table lists four messages: a REGISTER (200 OK) from 23.30.165.21 to 23.30.160.170, a 401 (REGISTER) from 23.30.160.170 to 23.30.165.21, a REGISTER (200 OK) from 23.30.165.21 to 23.30.160.170, and a 200 (REGISTER) from 23.30.160.170 to 23.30.165.21. The content shows a successful registration with a 200 OK response.</p> |

(Continued)

| No.                        | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REGISTER<br>Authentication |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Extension call             | <p data-bbox="579 902 794 929">Extension basic call</p>  <pre data-bbox="579 1534 1393 1968"> INVITE sip:10003@www.scme30k.com SIP/2.0 From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56d4f8-15a51e17-13c4-50022-2a27-59d1ea39-2a27 To: &lt;sip:10003@www.scme30k.com&gt; Call-ID: 576098-15a51e17-13c4-50022-2a27-6d2521e3-2a27 CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-2a27-a4a8f8-169a7ece Max-Forwards: 70 Supported: timer,replaces P-Preferred-Identity: </pre> |

(Continued)

| No.            | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extension call | <p>"Michael"&lt;sip:010001@www.scme30k.com&gt;<br/> User-Agent: SAMSUNG-SMT-i5243/V01.38<br/> Contact: &lt;sip:010001@23.30.165.21&gt;<br/> Session-Expires: 1800;refresher=uas<br/> Min-SE: 90<br/> Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,<br/> SUBSCRIBE,NOTIFY,PUBLISH<br/> Allow-Events: talk,hold<br/> Content-Type: application/sdp<br/> Content-Length: 925</p> <p>v=0<br/> o=SAMSUNG_IP_PHONE 1334601209 0 IN IP4 23.30.165.21<br/> s=SAMSUNG_VOIP_CALL<br/> c=IN IP4 23.30.165.21<br/> t=0 0<br/> m=audio 20002 RTP/SAVP 8 0 18 9 102 101<br/> a=rtpmap:8 PCMA/8000<br/> a=rtpmap:0 PCMU/8000<br/> a=rtpmap:18 G729/8000<br/> a=rtpmap:9 G722/8000<br/> a=rtpmap:102 iLBC/8000<br/> a=rtpmap:101 telephone-event/8000<br/> a=fmtp:101 0-15<br/> a=ptime:20<br/> a=sendrecv<br/> a=crypto:1 AES_CM_128_HMAC_SHA1_80<br/> inline:KW5hFpu2YWZhiUfEeNlZBoMVphY1Lp2bQZbn2PB9<br/> a=crypto:2 ARIA_CM_128_HMAC_SHA1_80<br/> inline:4rxszegcEAO+pQ5wsWAlmR3My1QFh0GHD7tjmHF<br/> m=video 25002 RTP/SAVP 34 98 99<br/> a=rtpmap:34 H263/90000<br/> a=rtpmap:98 MP4V-ES/90000<br/> a=rtpmap:99 H264/90000<br/> a=fmtp:34 CIF=2;QCIF=2<br/> a=fmtp:98 profile-level-id=2<br/> a=fmtp:99 profile-level-id=42800C;packetization-mode=0<br/> a=framerate:15.0<br/> a=sendrecv<br/> a=crypto:1 AES_CM_128_HMAC_SHA1_80<br/> inline:6ef0CmEmhXP25lP15hPpkMovPsqbXorOrPDp5IYM<br/> a=crypto:2 ARIA_CM_128_HMAC_SHA1_80<br/> inline:/u4LM0jJWMuY9ahtQ5ozDdxwyyts4t1bq/LPCzGH</p> |



(Continued)

| No.            | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extension call | <p>SIP/2.0 100 Trying</p> <p>From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56d4f8-15a51e17-13c4-50022-2a27-59d1ea39-2a27</p> <p>To: &lt;sip:10003@www.scme30k.com&gt;</p> <p>Call-ID: 576098-15a51e17-13c4-50022-2a27-6d2521e3-2a27</p> <p>CSeq: 1 INVITE</p> <p>Via: SIP/2.0/UDP</p> <p>23.30.165.21:5060;rport=5060;branch=z9hG4bK-2a27-a4a8f8-169a7ece</p> <p>Contact: &lt;sip:10003@www.scme30k.com&gt;</p> <p>Content-Length: 0</p><br><p>INVITE sip:10003@23.30.165.9 SIP/2.0</p> <p>From:</p> <p>"Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=392c25a1-7c14-4cdd-9432-4e94c65c4c01</p> <p>To: "10003"&lt;sip:10003@www.scme30k.com&gt;</p> <p>Call-ID: 6f6d33d7-e796-4e00-81a2-a780c55a8ab0@www.scme30k.com</p> <p>CSeq: 1 INVITE</p> <p>Via: SIP/2.0/UDP</p> <p>23.30.160.170:5060;rport;branch=z9hG4bK-91f4c-23a24193-241c11af</p> <p>P-Asserted-Identity: "Michael"</p> <p>&lt;sip:010001@www.scme30k.com&gt;</p> <p>Supported: replaces, timer</p> <p>Max-Forwards: 70</p> <p>Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE,NOTIFY,UPDATE,PUBLISH</p> <p>Contact: &lt;sip:010001@23.30.160.170:5060&gt;</p> <p>Session-Expires: 1800;refresher=uac</p> <p>Min-SE: 90</p> <p>Content-Type: application/sdp</p> <p>Content-Length: 765</p><br><p>v=0</p> <p>o=010001 1334601209 0 IN IP4 23.30.165.21</p> <p>s=Samsung IP PBX</p> <p>c=IN IP4 23.30.165.21</p> <p>t=0 0</p> <p>a=sendrecv</p> <p>m=audio 20002 RTP/SAVP 8</p> |

(Continued)

| No.            | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extension call | <pre> a=rtpmap:8 PCMA/8000 a=fmtp:101 0-15 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:KW5hFpu2YWZhiUfEeNlZBoMVphY1Lp2bQZbn2PB9 a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:4rxszegcEAJO+pQ5wsWAlmR3My1QFh0GHD7tjmHF m=video 25002 RTP/SAVP 34 98 99 a=rtpmap:34 H263/90000 a=fmtp:34 CIF=2;QCIF=2 a=rtpmap:98 MP4V-ES/90000 a=fmtp:98 profile-level-id=2 a=rtpmap:99 H264/90000 a=fmtp:99 profile-level-id=42800C;packetization-mode=0 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:6ef0CmEmhXP25lP15hPpkMovPsqbXorOrPDp5IYM a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:/u4LM0jJWMuY9ahtQ5ozDdxwyyts4t1bq/LPCzGH  SIP/2.0 100 Trying From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=392c25a1-7c14- 4cdd-9432-4e94c65c4c01 To: "10003"&lt;sip:10003@www.scme30k.com&gt; Call-ID: 6f6d33d7-e796-4e00-81a2- a780c55a8ab0@www.scme30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-91f4c- 23a24193-241c11af Supported: timer,replaces P-Preferred-Identity: "10003"&lt;sip:10003@www.scme30k.com&gt; Contact: &lt;sip:10003@23.30.165.9&gt; Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Length: 0 </pre> |

(Continued)

| No.            | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extension call | <p>SIP/2.0 180 Ringing</p> <p>From:</p> <p>"Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=392c25a1-7c14-4cdd-9432-4e94c65c4c01</p> <p>To: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=10130de8-9a51e17-13c4-50022-10122e-5a9379dd-10122e</p> <p>Call-ID: 6f6d33d7-e796-4e00-81a2-a780c55a8ab0@www.scme30k.com</p> <p>CSeq: 1 INVITE</p> <p>Via: SIP/2.0/UDP</p> <p>23.30.160.170:5060;rport=5060;branch=z9hG4bK-91f4c-23a24193-241c11af</p> <p>Supported: timer,replaces</p> <p>P-Preferred-Identity: "10003"&lt;sip:10003@www.scme30k.com&gt;</p> <p>Contact: &lt;sip:10003@23.30.165.9&gt;</p> <p>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH</p> <p>Allow-Events: talk,hold</p> <p>Content-Length: 0</p><br><p>SIP/2.0 180 Ringing</p> <p>From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56d4f8-15a51e17-13c4-50022-2a27-59d1ea39-2a27</p> <p>To: &lt;sip:10003@www.scme30k.com&gt;;tag=c2f6e57d-ee07-49f1-9eaa-477a008e88df</p> <p>Call-ID: 576098-15a51e17-13c4-50022-2a27-6d2521e3-2a27</p> <p>CSeq: 1 INVITE</p> <p>P-Asserted-Identity: "10003" &lt;sip:10003@www.scme30k.com&gt;</p> <p>Via: SIP/2.0/UDP</p> <p>23.30.165.21:5060;rport=5060;branch=z9hG4bK-2a27-a4a8f8-169a7ece</p> <p>Contact: &lt;sip:10003@23.30.160.170:5060&gt;</p> <p>Content-Length: 0</p><br><p>NOTIFY sip:010001@23.30.165.21 SIP/2.0</p> <p>From: &lt;sip:10003@www.scme30k.com&gt;;tag=c2f6e57d-ee07-49f1-9eaa-477a008e88df</p> <p>To: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56d4f8-15a51e17-13c4-50022-2a27-59d1ea39-2a27</p> <p>Call-ID: 576098-15a51e17-13c4-50022-2a27-6d2521e3-2a27</p> <p>CSeq: 1 NOTIFY</p> |

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| No.            | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extension call | <p>Via: SIP/2.0/UDP<br/>23.30.160.170:5060;rport;branch=z9hG4bK-91f4c-23a242cc-47f60ac5<br/>Event: scm-softmenu;version="SCMExpress_1.0.0";type=update-softmenu-volatile<br/>Max-Forwards: 70<br/>Contact: &lt;sip:10003@23.30.160.170:5060&gt;<br/>Content-Type: application/scm-profile+xml<br/>Content-Length: 197</p> <pre>&lt;?xml version="1.0"?&gt; &lt;scm-softmenu&gt;   &lt;temporary&gt;     &lt;charset&gt;euc-kr&lt;/charset&gt;     &lt;function idx="1" display="Call Back" attribute="spd" num="*16110003" enable="1"/&gt;   &lt;/temporary&gt; &lt;/scm-softmenu&gt;</pre> <p>SIP/2.0 200 OK<br/>From: &lt;sip:10003@www.scme30k.com&gt;;tag=c2f6e57d-ee07-49f1-9eaa-477a008e88df<br/>To: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56d4f8-15a51e17-13c4-50022-2a27-59d1ea39-2a27<br/>Call-ID: 576098-15a51e17-13c4-50022-2a27-6d2521e3-2a27<br/>CSeq: 1 NOTIFY<br/>Via: SIP/2.0/UDP<br/>23.30.160.170:5060;rport=5060;branch=z9hG4bK-91f4c-23a242cc-47f60ac5<br/>Supported: timer,replaces<br/>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH<br/>Contact: &lt;sip:010001@23.30.165.21&gt;<br/>Allow-Events: talk,hold<br/>Content-Length: 0</p> <p>SIP/2.0 200 OK<br/>From:<br/>"Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=392c25a1-7c14-4cdd-9432-4e94c65c4c01</p> |

(Continued)

| No.            | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extension call | <p> To: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=10130de8-9a51e17-13c4-50022-10122e-5a9379dd-10122e<br/> Call-ID: 6f6d33d7-e796-4e00-81a2-a780c55a8ab0@www.scme30k.com<br/> CSeq: 1 INVITE<br/> Via: SIP/2.0/UDP<br/> 23.30.160.170:5060;rport=5060;branch=z9hG4bK-91f4c-23a24193-241c11af<br/> Supported: timer,replaces<br/> Require: timer<br/> P-Preferred-Identity: "10003"&lt;sip:10003@www.scme30k.com&gt;<br/> Contact: &lt;sip:10003@23.30.165.9&gt;<br/> Session-Expires: 1800;refresher=uac<br/> Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH<br/> Allow-Events: talk,hold<br/> Content-Type: application/sdp<br/> Content-Length: 292 </p> <p> v=0<br/> o=SAMSUNG_IP_PHONE 1334601234 1 IN IP4 23.30.165.9<br/> s=SAMSUNG_VOIP_CALL<br/> c=IN IP4 23.30.165.9<br/> t=0 0<br/> m=audio 20030 RTP/SAVP 8<br/> a=rtpmap:8 PCMA/8000<br/> a=ptime:20<br/> a=sendrecv<br/> a=crypto:1 AES_CM_128_HMAC_SHA1_80<br/> inline:NWRXRH/RB9TmwoV3dPpLQnXuFuchgEm9iyf5RfDG<br/> m=video 0 RTP/SAVP 34 98 99 </p> <p> SIP/2.0 200 OK<br/> From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56d4f8-15a51e17-13c4-50022-2a27-59d1ea39-2a27<br/> To: &lt;sip:10003@www.scme30k.com&gt;;tag=c2f6e57d-ee07-49f1-9eaa-477a008e88df<br/> Call-ID: 576098-15a51e17-13c4-50022-2a27-6d2521e3-2a27<br/> CSeq: 1 INVITE </p> |

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| No.            | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extension call | <p>Supported: replaces, timer</p> <p>P-Asserted-Identity: "10003" &lt;sip:10003@www.scme30k.com&gt;</p> <p>Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE,NOTIFY,UPDATE,PUBLISH</p> <p>Via: SIP/2.0/UDP<br/>23.30.165.21:5060;rport=5060;branch=z9hG4bK-2a27-a4a8f8-169a7ece</p> <p>Contact: &lt;sip:10003@23.30.160.170:5060&gt;</p> <p>Session-Expires: 1800;refresher=uas</p> <p>Content-Type: application/sdp</p> <p>Content-Length: 280</p> <p>v=0</p> <p>o=10003 1334601234 1 IN IP4 23.30.160.170</p> <p>s=Samsung IP PBX</p> <p>c=IN IP4 23.30.165.9</p> <p>t=0 0</p> <p>m=audio 20030 RTP/SAVP 8</p> <p>a=rtpmap:8 PCMA/8000</p> <p>a=ptime:20</p> <p>a=sendrecv</p> <p>a=crypto:1 AES_CM_128_HMAC_SHA1_80</p> <p>inline:NWRXRH/RB9TmwoV3dPpLQnXuFuchgEm9iyf5RfDG</p> <p>m=video 0 RTP/SAVP 34 98 99</p> <p>ACK sip:10003@23.30.160.170:5060 SIP/2.0</p> <p>From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56d4f8-15a51e17-13c4-50022-2a27-59d1ea39-2a27</p> <p>To: &lt;sip:10003@www.scme30k.com&gt;;tag=c2f6e57d-ee07-49f1-9eaa-477a008e88df</p> <p>Call-ID: 576098-15a51e17-13c4-50022-2a27-6d2521e3-2a27</p> <p>CSeq: 1 ACK</p> <p>Via: SIP/2.0/UDP 23.30.165.21:5060;rport;branch=z9hG4bK-2a2a-a4b6ae-bc0eb2d</p> <p>Max-Forwards: 70</p> <p>User-Agent: SAMSUNG-SMT-i5243/V01.38</p> <p>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH</p> <p>Contact: &lt;sip:010001@23.30.165.21&gt;</p> <p>Allow-Events: talk,hold</p> <p>Content-Length: 0</p> |

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| No.            | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extension call | <p>ACK sip:10003@23.30.165.9 SIP/2.0</p> <p>From:</p> <p>"Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=392c25a1-7c14-4cdd-9432-4e94c65c4c01</p> <p>To: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=10130de8-9a51e17-13c4-50022-10122e-5a9379dd-10122e</p> <p>Call-ID: 6f6d33d7-e796-4e00-81a2-a780c55a8ab0@www.scme30k.com</p> <p>CSeq: 1 ACK</p> <p>Via: SIP/2.0/UDP</p> <p>23.30.160.170:5060;rport;branch=z9hG4bK-91f4f-23a24f77-69a1195b</p> <p>Max-Forwards: 70</p> <p>Contact: &lt;sip:010001@23.30.160.170:5060&gt;</p> <p>Content-Length: 0</p> <p>BYE sip:010001@23.30.160.170:5060 SIP/2.0</p> <p>From: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=10130de8-9a51e17-13c4-50022-10122e-5a9379dd-10122e</p> <p>To: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=392c25a1-7c14-4cdd-9432-4e94c65c4c01</p> <p>Call-ID: 6f6d33d7-e796-4e00-81a2-a780c55a8ab0@www.scme30k.com</p> <p>CSeq: 1 BYE</p> <p>Via: SIP/2.0/UDP</p> <p>23.30.165.9:5060;rport=5060;branch=z9hG4bK-101237-3ec728e0-57a6c7d3</p> <p>Max-Forwards: 70</p> <p>Supported: timer,replaces</p> <p>User-Agent: SAMSUNG-SMT-i2205S/T01.58</p> <p>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH</p> <p>Allow-Events: talk,hold</p> <p>Content-Length: 0</p> <p>SIP/2.0 200 OK</p> <p>From: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=10130de8-9a51e17-13c4-50022-10122e-5a9379dd-10122e</p> <p>To: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=392c25a1-7c14-4cdd-9432-4e94c65c4c01</p> <p>Call-ID: 6f6d33d7-e796-4e00-81a2-a780c55a8ab0@www.scme30k.com</p> <p>CSeq: 1 BYE</p> |

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| No.            | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extension call | <p>Via: SIP/2.0/UDP<br/>23.30.165.9:5060;rport=5060;branch=z9hG4bK-101237-3ec728e0-57a6c7d3<br/>Content-Length: 0</p> <p>BYE sip:010001@23.30.165.21 SIP/2.0<br/>From: &lt;sip:10003@www.scme30k.com&gt;;tag=c2f6e57d-ee07-49f1-9eaa-477a008e88df<br/>To: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56d4f8-15a51e17-13c4-50022-2a27-59d1ea39-2a27<br/>Call-ID: 576098-15a51e17-13c4-50022-2a27-6d2521e3-2a27<br/>CSeq: 2 BYE<br/>Via: SIP/2.0/UDP<br/>23.30.160.170:5060;rport;branch=z9hG4bK-91f55-23a267a6-3f9cba4f<br/>Reason: Q.850 ;cause=16 ;text="Normal Release"<br/>Max-Forwards: 70<br/>Content-Length: 0</p> <p>SIP/2.0 200 OK<br/>From: &lt;sip:10003@www.scme30k.com&gt;;tag=c2f6e57d-ee07-49f1-9eaa-477a008e88df<br/>To: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56d4f8-15a51e17-13c4-50022-2a27-59d1ea39-2a27<br/>Call-ID: 576098-15a51e17-13c4-50022-2a27-6d2521e3-2a27<br/>CSeq: 2 BYE<br/>Via: SIP/2.0/UDP<br/>23.30.160.170:5060;rport=5060;branch=z9hG4bK-91f55-23a267a6-3f9cba4f<br/>Supported: timer,replaces<br/>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH<br/>Allow-Events: talk,hold<br/>Content-Length: 0</p> |



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| No.                               | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extension<br>Announcement<br>Busy | <div>Extension announcement-Busy</div> <div></div> <div>INVITE sip:10003@www.scme30k.com SIP/2.0<br/>From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56e020-15a51e17-13c4-50022-2cf0-4aec23f6-2cf0<br/>To: &lt;sip:10003@www.scme30k.com&gt;<br/>Call-ID: 578618-15a51e17-13c4-50022-2cf0-6f3049d0-2cf0<br/>CSeq: 1 INVITE<br/>Via: SIP/2.0/UDP<br/>23.30.165.21:5060;rport=5060;branch=z9hG4bK-2cf0-af8ad4-618aaa47<br/>Max-Forwards: 70<br/>Supported: timer,replaces<br/>P-Preferred-Identity:<br/>"Michael"&lt;sip:010001@www.scme30k.com&gt;<br/>User-Agent: SAMSUNG-SMT-i5243/V01.38<br/>Contact: &lt;sip:010001@23.30.165.21&gt;<br/>Session-Expires: 1800;refresher=uas<br/>Min-SE: 90<br/>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,<br/>SUBSCRIBE,NOTIFY,PUBLISH<br/>Allow-Events: talk,hold<br/>Content-Type: application/sdp<br/>Content-Length: 925<br/><br/>v=0<br/>o=SAMSUNG_IP_PHONE 1334601922 0 IN IP4 23.30.165.21<br/>s=SAMSUNG_VOIP_CALL<br/>c=IN IP4 23.30.165.21</div> |

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| No.                               | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extension<br>Announcement<br>Busy | t=0 0<br>m=audio 20042 RTP/SAVP 8 0 18 9 102 101<br>a=rtpmap:8 PCMA/8000<br>a=rtpmap:0 PCMU/8000<br>a=rtpmap:18 G729/8000<br>a=rtpmap:9 G722/8000<br>a=rtpmap:102 iLBC/8000<br>a=rtpmap:101 telephone-event/8000<br>a=fmtp:101 0-15<br>a=ptime:20<br>a=sendrecv<br>a=crypto:1 AES_CM_128_HMAC_SHA1_80<br>inline:a0KjytDhDJDdEPEWaReVJWDrsJbOfTs7A4a+HdltG<br>a=crypto:2 ARIA_CM_128_HMAC_SHA1_80<br>inline:xUfcvSr5GMIq88uXH4TcDDgSAKeDWXCxHz1MjgUK<br>m=video 25042 RTP/SAVP 34 98 99<br>a=rtpmap:34 H263/90000<br>a=rtpmap:98 MP4V-ES/90000<br>a=rtpmap:99 H264/90000<br>a=fmtp:34 CIF=2;QCIF=2<br>a=fmtp:98 profile-level-id=2<br>a=fmtp:99 profile-level-id=42800C;packetization-mode=0<br>a=framerate:15.0<br>a=sendrecv<br>a=crypto:1 AES_CM_128_HMAC_SHA1_80<br>inline:OWf4cDkmCMwGy5YyJy8qhHpmDqWRRpttrteTQ4b3<br>a=crypto:2 ARIA_CM_128_HMAC_SHA1_80<br>inline:6ZFpMdZcRjPHW2x4ESFhkHu84cPic2XlRwgPw61B<br><br>SIP/2.0 100 Trying<br>From: "Michael"<sip:010001@www.scme30k.com>;tag=56e020-15a51e17-13c4-50022-2cf0-4aec23f6-2cf0<br>To: <sip:10003@www.scme30k.com><br>Call-ID: 578618-15a51e17-13c4-50022-2cf0-6f3049d0-2cf0<br>CSeq: 1 INVITE<br>Via: SIP/2.0/UDP<br>23.30.165.21:5060;rport=5060;branch=z9hG4bK-2cf0-af8ad4-618aaa47<br>Contact: <sip:10003@www.scme30k.com><br>Content-Length: 0 |

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| No.                               | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extension<br>Announcement<br>Busy | <p> INVITE sip:10003@23.30.165.9 SIP/2.0<br/> From:<br/> "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=f0032614-369d-4d0a-a109-9b8fccf7108f<br/> To: "10003"&lt;sip:10003@www.scme30k.com&gt;<br/> Call-ID: d6747abf-c6b3-4138-96b3-b6bfcd3d4835@www.scme30k.com<br/> CSeq: 1 INVITE<br/> Via: SIP/2.0/UDP<br/> 23.30.160.170:5060;rport;branch=z9hG4bK-92215-23ad230c-3ad78e11<br/> P-Asserted-Identity: "Michael"<br/> &lt;sip:010001@www.scme30k.com&gt;<br/> Supported: replaces, timer<br/> Max-Forwards: 70<br/> Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE,NOTIFY,UPDATE,PUBLISH<br/> Contact: &lt;sip:010001@23.30.160.170:5060&gt;<br/> Session-Expires: 1800;refresher=uac<br/> Min-SE: 90<br/> Content-Type: application/sdp<br/> Content-Length: 765 </p> <p> v=0<br/> o=010001 1334601922 0 IN IP4 23.30.165.21<br/> s=Samsung IP PBX<br/> c=IN IP4 23.30.165.21<br/> t=0 0<br/> a=sendrecv<br/> m=audio 20042 RTP/SAVP 8<br/> a=rtpmap:8 PCMA/8000<br/> a=fmtp:101 0-15<br/> a=ptime:20<br/> a=sendrecv<br/> a=crypto:1 AES_CM_128_HMAC_SHA1_80<br/> inline:a0KjytDhDJdEPEWaReVJWDrsJbOfTs7A4a+HdltG<br/> a=crypto:2 ARIA_CM_128_HMAC_SHA1_80<br/> inline:xUfcvsr5GMIq88uXH4TcDDgSAKeDWXCxHzlMjgUK<br/> m=video 25042 RTP/SAVP 34 98 99<br/> a=rtpmap:34 H263/90000<br/> a=fmtp:34 CIF=2;QCIF=2<br/> a=rtpmap:98 MP4V-ES/90000 </p> |

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| No.                               | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extension<br>Announcement<br>Busy | <pre> a=fmtp:98 profile-level-id=2 a=rtpmap:99 H264/90000 a=fmtp:99 profile-level-id=42800C;packetization-mode=0 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:OWf4cDkmCMwGy5YyJy8qhHpmDqWRRpttrteTQ4b3 a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:6ZFpMdZcRjPHW2x4ESFhkHu84cPic2XlRwgPw61B  SIP/2.0 100 Trying From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=f0032614-369d- 4d0a-a109-9b8fccf7108f To: "10003"&lt;sip:10003@www.scme30k.com&gt; Call-ID: d6747abf-c6b3-4138-96b3- b6bfcd3d4835@www.scme30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-92215- 23ad230c-3ad78e11 Supported: timer,replaces P-Preferred-Identity: "10003"&lt;sip:10003@www.scme30k.com&gt; Contact: &lt;sip:10003@23.30.165.9&gt; Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Length: 0  SIP/2.0 486 Busy Here From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=f0032614-369d- 4d0a-a109-9b8fccf7108f To: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=101322a0- 9a51e17-13c4-50022-1014f7-1397fc2e-1014f7 Call-ID: d6747abf-c6b3-4138-96b3- b6bfcd3d4835@www.scme30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-92215- 23ad230c-3ad78e11 Supported: timer,replaces P-Preferred-Identity: "10003"&lt;sip:10003@www.scme30k.com&gt; </pre> |

(Continued)

| No.                               | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extension<br>Announcement<br>Busy | <pre> Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Length: 0  ACK sip:10003@23.30.165.9 SIP/2.0 From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=f0032614-369d- 4d0a-a109-9b8fccf7108f To: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=101322a0- 9a51e17-13c4-50022-1014f7-1397fc2e-1014f7 Call-ID: d6747abf-c6b3-4138-96b3- b6bfcd3d4835@www.scme30k.com CSeq: 1 ACK Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-92215-23ad230c- 3ad78e11 Max-Forwards: 70 Contact: &lt;sip:010001@23.30.160.170:5060&gt; Content-Length: 0  SIP/2.0 183 Session Progress From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56e020- 15a51e17-13c4-50022-2cf0-4aec23f6-2cf0 To: &lt;sip:10003@www.scme30k.com&gt;;tag=64d76965-7f43-42da- 881f-c8b766cfd8fe Call-ID: 578618-15a51e17-13c4-50022-2cf0-6f3049d0-2cf0 CSeq: 1 INVITE P-Asserted-Identity: "10003" &lt;sip:10003@www.scme30k.com&gt; Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-2cf0-af8ad4- 618aaa47 Contact: &lt;sip:10003@23.30.160.170:5060&gt; Content-Type: application/sdp Content-Length: 254  v=0 o=10003 100047 100047 IN IP4 23.30.160.170 s=Samsung IP PBX c=IN IP4 23.30.160.170 t=0 0 m=audio 35000 RTP/SAVP 8           </pre> |

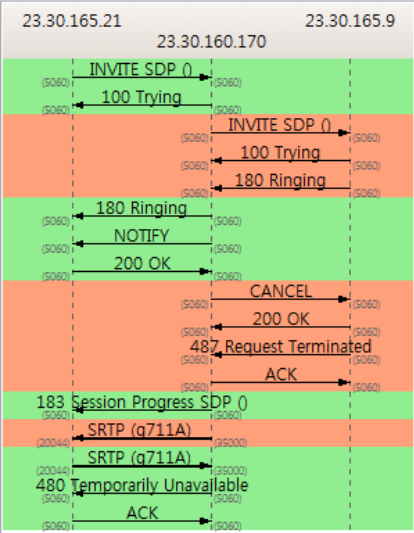
(Continued)

| No.                               | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extension<br>Announcement<br>Busy | <pre> a=rtpmap:8 PCMA/8000 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:GaLtXBadUrPWkBZTYmH4FXlVS2ysY1kkUX7K3ePM  NOTIFY sip:010001@23.30.165.21 SIP/2.0 From: &lt;sip:10003@www.scme30k.com&gt;;tag=64d76965-7f43-42da-881f-c8b766cfd8fe To: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56e020-15a51e17-13c4-50022-2cf0-4aec23f6-2cf0 Call-ID: 578618-15a51e17-13c4-50022-2cf0-6f3049d0-2cf0 CSeq: 1 NOTIFY Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-92215-23ad252f-5369eb47 Event: scm- softmenu;version="SCMExpress_1.0.0";type=update- softmenu-volatile Max-Forwards: 70 Contact: &lt;sip:10003@23.30.160.170:5060&gt; Content-Type: application/scm-profile+xml Content-Length: 363  &lt;?xml version="1.0"?&gt; &lt;scm-softmenu&gt;   &lt;temporary&gt;     &lt;charset&gt;euc-kr&lt;/charset&gt;     &lt;function idx="1" display="Call Back" attribute="spd" num="*16110003" enable="1"/&gt;     &lt;function idx="2" display="barge-in" attribute="spd" num="*2310003" enable="1"/&gt;     &lt;function idx="3" display="barge-in no tone" attribute="spd" num="*2410003" enable="1"/&gt;   &lt;/temporary&gt; &lt;/scm-softmenu&gt;  SIP/2.0 200 OK From: &lt;sip:10003@www.scme30k.com&gt;;tag=64d76965-7f43-42da-881f-c8b766cfd8fe To: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56e020-15a51e17-13c4-50022-2cf0-4aec23f6-2cf0 Call-ID: 578618-15a51e17-13c4-50022-2cf0-6f3049d0-2cf0 </pre> |

(Continued)

| No.                               | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extension<br>Announcement<br>Busy | <p>CSeq: 1 NOTIFY</p> <p>Via: SIP/2.0/UDP<br/>23.30.160.170:5060;rport=5060;branch=z9hG4bK-92215-23ad252f-5369eb47</p> <p>Supported: timer,replaces</p> <p>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH</p> <p>Contact: &lt;sip:010001@23.30.165.21&gt;</p> <p>Allow-Events: talk,hold</p> <p>Content-Length: 0</p><br><p>SIP/2.0 486 Busy Here</p> <p>From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56e020-15a51e17-13c4-50022-2cf0-4aec23f6-2cf0</p> <p>To: &lt;sip:10003@www.scme30k.com&gt;;tag=64d76965-7f43-42da-881f-c8b766cfd8fe</p> <p>Call-ID: 578618-15a51e17-13c4-50022-2cf0-6f3049d0-2cf0</p> <p>CSeq: 1 INVITE</p> <p>Reason: Q.850 ;cause=17 ;text="User Busy"</p> <p>Via: SIP/2.0/UDP<br/>23.30.165.21:5060;rport=5060;branch=z9hG4bK-2cf0-af8ad4-618aaa47</p> <p>Content-Length: 0</p><br><p>ACK sip:10003@www.scme30k.com SIP/2.0</p> <p>From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56e020-15a51e17-13c4-50022-2cf0-4aec23f6-2cf0</p> <p>To: &lt;sip:10003@www.scme30k.com&gt;;tag=64d76965-7f43-42da-881f-c8b766cfd8fe</p> <p>Call-ID: 578618-15a51e17-13c4-50022-2cf0-6f3049d0-2cf0</p> <p>CSeq: 1 ACK</p> <p>Via: SIP/2.0/UDP 23.30.165.21:5060;rport;branch=z9hG4bK-2cf0-af8ad4-618aaa47</p> <p>Max-Forwards: 70</p> <p>User-Agent: SAMSUNG-SMT-i5243/V01.38</p> <p>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH</p> <p>Contact: &lt;sip:010001@23.30.165.21&gt;</p> <p>Allow-Events: talk,hold</p> <p>Content-Length: 0</p> |

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| No.                                    | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extension<br>Announcement No<br>Answer | <p>Extension Announcement-No Answer</p>  <pre> sequenceDiagram     participant A as 23.30.165.21     participant B as 23.30.160.170     participant C as 23.30.165.9      Note over A,B: SIP     A-&gt;&gt;B: INVITE SDP 0 (5060)     B-&gt;&gt;A: 100 Trying (5060)     B-&gt;&gt;C: INVITE SDP 0 (5060)     C-&gt;&gt;B: 100 Trying (5060)     C-&gt;&gt;B: 180 Ringing (5060)     B-&gt;&gt;A: 180 Ringing (5060)     B-&gt;&gt;A: NOTIFY (5060)     A-&gt;&gt;B: 200 OK (5060)     B-&gt;&gt;C: CANCEL (5060)     C-&gt;&gt;B: 200 OK (5060)     B-&gt;&gt;C: 487 Request Terminated (5060)     C-&gt;&gt;B: ACK (5060)     Note over A,B: SRTP     B-&gt;&gt;A: 183 Session Progress SDP 0 (5060)     A-&gt;&gt;B: SRTP (q711A) (5000)     B-&gt;&gt;A: SRTP (q711A) (5000)     A-&gt;&gt;B: 480 Temporarily Unavailable (5060)     B-&gt;&gt;A: ACK (5060) </pre> <p>INVITE sip:10003@www.scme30k.com SIP/2.0<br/> From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56f1a8-15a51e17-13c4-50022-2dc7-56012727-2dc7<br/> To: &lt;sip:10003@www.scme30k.com&gt;<br/> Call-ID: 5787f8-15a51e17-13c4-50022-2dc7-7368cbf1-2dc7<br/> CSeq: 1 INVITE<br/> Via: SIP/2.0/UDP<br/> 23.30.165.21:5060;rport=5060;branch=z9hG4bK-2dc7-b2d324-695bf424<br/> Max-Forwards: 70<br/> Supported: timer,replaces<br/> P-Preferred-Identity:<br/> "Michael"&lt;sip:010001@www.scme30k.com&gt;<br/> User-Agent: SAMSUNG-SMT-i5243/V01.38<br/> Contact: &lt;sip:010001@23.30.165.21&gt;<br/> Session-Expires: 1800;refresher=uas<br/> Min-SE: 90<br/> Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH<br/> Allow-Events: talk,hold<br/> Content-Type: application/sdp<br/> Content-Length: 925</p> |



(Continued)

| No.                                    | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extension<br>Announcement No<br>Answer | v=0<br>o=SAMSUNG_IP_PHONE 1334602137 0 IN IP4 23.30.165.21<br>s=SAMSUNG_VOIP_CALL<br>c=IN IP4 23.30.165.21<br>t=0 0<br>m=audio 20044 RTP/SAVP 8 0 18 9 102 101<br>a=rtpmap:8 PCMA/8000<br>a=rtpmap:0 PCMU/8000<br>a=rtpmap:18 G729/8000<br>a=rtpmap:9 G722/8000<br>a=rtpmap:102 iLBC/8000<br>a=rtpmap:101 telephone-event/8000<br>a=fmtp:101 0-15<br>a=ptime:20<br>a=sendrecv<br>a=crypto:1 AES_CM_128_HMAC_SHA1_80<br>inline:h05+19xwo67RFAUxxAoT/JCYOnz7hCKzVcLxJM+a<br>a=crypto:2 ARIA_CM_128_HMAC_SHA1_80<br>inline:oB1lhPGU+ny1Z8+XUxjNtztH9B/Z/yIRH6df90/o<br>m=video 25044 RTP/SAVP 34 98 99<br>a=rtpmap:34 H263/90000<br>a=rtpmap:98 MP4V-ES/90000<br>a=rtpmap:99 H264/90000<br>a=fmtp:34 CIF=2;QCIF=2<br>a=fmtp:98 profile-level-id=2<br>a=fmtp:99 profile-level-id=42800C;packetization-mode=0<br>a=framerate:15.0<br>a=sendrecv<br>a=crypto:1 AES_CM_128_HMAC_SHA1_80<br>inline:CBP+ORPkiBURSmvJ0pCB/fn6pZyjmuiaKchWPv1H<br>a=crypto:2 ARIA_CM_128_HMAC_SHA1_80<br>inline:Kq0CYS5HcLXUQEKu91rlkEUS9jU5AtpeKeTw4Z/2<br><br>SIP/2.0 100 Trying<br>From: "Michael"<sip:010001@www.scme30k.com>;tag=56f1a8-15a51e17-13c4-50022-2dc7-56012727-2dc7<br>To: <sip:10003@www.scme30k.com><br>Call-ID: 5787f8-15a51e17-13c4-50022-2dc7-7368cbf1-2dc7<br>CSeq: 1 INVITE<br>Via: SIP/2.0/UDP<br>23.30.165.21:5060;rport=5060;branch=z9hG4bK-2dc7-b2d324-695bf424<br>Contact: <sip:10003@www.scme30k.com><br>Content-Length: 0 |

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| No.                                    | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extension<br>Announcement No<br>Answer | <p>INVITE sip:10003@23.30.165.9 SIP/2.0</p> <p>From:</p> <p>"Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=c4f9c80e-97e5-44dd-ab72-0aa35e4208e5</p> <p>To: "10003"&lt;sip:10003@www.scme30k.com&gt;</p> <p>Call-ID: a1823302-2e34-4d33-a4a6-c170c04f8c0d@www.scme30k.com</p> <p>CSeq: 1 INVITE</p> <p>Via: SIP/2.0/UDP</p> <p>23.30.160.170:5060;rport;branch=z9hG4bK-922ec-23b06b3a-6dd834aa</p> <p>P-Asserted-Identity: "Michael"</p> <p>&lt;sip:010001@www.scme30k.com&gt;</p> <p>Supported: replaces, timer</p> <p>Max-Forwards: 70</p> <p>Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE,NOTIFY,UPDATE,PUBLISH</p> <p>Contact: &lt;sip:010001@23.30.160.170:5060&gt;</p> <p>Session-Expires: 1800;refresher=uac</p> <p>Min-SE: 90</p> <p>Content-Type: application/sdp</p> <p>Content-Length: 765</p> <p>v=0</p> <p>o=010001 1334602137 0 IN IP4 23.30.165.21</p> <p>s=Samsung IP PBX</p> <p>c=IN IP4 23.30.165.21</p> <p>t=0 0</p> <p>a=sendrecv</p> <p>m=audio 20044 RTP/SAVP 8</p> <p>a=rtpmap:8 PCMA/8000</p> <p>a=fmtp:101 0-15</p> <p>a=ptime:20</p> <p>a=sendrecv</p> <p>a=crypto:1 AES_CM_128_HMAC_SHA1_80</p> <p>inline:h05+19xwo67RFAUxxAoT/JCYOnz7hCKzVcLxJM+a</p> <p>a=crypto:2 ARIA_CM_128_HMAC_SHA1_80</p> <p>inline:oB11hPGU+ny1Z8+XUxjNtztH9B/Z/yIRH6df90/o</p> <p>m=video 25044 RTP/SAVP 34 98 99</p> <p>a=rtpmap:34 H263/90000</p> <p>a=fmtp:34 CIF=2;QCIF=2</p> <p>a=rtpmap:98 MP4V-ES/90000</p> |

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| No.                                    | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extension<br>Announcement No<br>Answer | <pre> a=fmtp:98 profile-level-id=2 a=rtpmap:99 H264/90000 a=fmtp:99 profile-level-id=42800C;packetization-mode=0 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:CBP+ORPkiBURSmvJ0pCB/fn6pZyjmuaKchWPv1H a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:Kq0CYS5HcLXUQEKu91rlkEUS9jU5AtpeKeTw4Z/2  SIP/2.0 100 Trying From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=c4f9c80e-97e5-44dd-ab72-0aa35e4208e5 To: "10003"&lt;sip:10003@www.scme30k.com&gt; Call-ID: a1823302-2e34-4d33-a4a6-c170c04f8c0d@www.scme30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-922ec-23b06b3a-6dd834aa Supported: timer,replaces P-Preferred-Identity: "10003"&lt;sip:10003@www.scme30k.com&gt; Contact: &lt;sip:10003@23.30.165.9&gt; Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Length: 0  SIP/2.0 180 Ringing From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=c4f9c80e-97e5-44dd-ab72-0aa35e4208e5 To: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=10132c30-9a51e17-13c4-50022-1015ce-510f5c61-1015ce Call-ID: a1823302-2e34-4d33-a4a6-c170c04f8c0d@www.scme30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-922ec-23b06b3a-6dd834aa Supported: timer,replaces P-Preferred-Identity: "10003"&lt;sip:10003@www.scme30k.com&gt; </pre> |

(Continued)

| No.                                    | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extension<br>Announcement No<br>Answer | <pre> Contact: &lt;sip:10003@23.30.165.9&gt; Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Length: 0  SIP/2.0 180 Ringing From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56f1a8- 15a51e17-13c4-50022-2dc7-56012727-2dc7 To: &lt;sip:10003@www.scme30k.com&gt;;tag=2524f1e6-5961-42e3- a634-28fe16a26123 Call-ID: 5787f8-15a51e17-13c4-50022-2dc7-7368cbf1-2dc7 CSeq: 1 INVITE P-Asserted-Identity: "10003" &lt;sip:10003@www.scme30k.com&gt; Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-2dc7-b2d324- 695bf424 Contact: &lt;sip:10003@23.30.160.170:5060&gt; Content-Length: 0  NOTIFY sip:010001@23.30.165.21 SIP/2.0 From: &lt;sip:10003@www.scme30k.com&gt;;tag=2524f1e6-5961- 42e3-a634-28fe16a26123 To: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56f1a8- 15a51e17-13c4-50022-2dc7-56012727-2dc7 Call-ID: 5787f8-15a51e17-13c4-50022-2dc7-7368cbf1-2dc7 CSeq: 1 NOTIFY Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-922ec-23b06c82- 37ada2e8 Event: scm- softmenu;version="SCMExpress_1.0.0";type=update- softmenu-volatile Max-Forwards: 70 Contact: &lt;sip:10003@23.30.160.170:5060&gt; Content-Type: application/scm-profile+xml Content-Length: 197  &lt;?xml version="1.0"?&gt; &lt;scm-softmenu&gt;   &lt;temporary&gt;     &lt;charset&gt;euc-kr&lt;/charset&gt;     &lt;function idx="1" display="Call Back" </pre> |

(Continued)

| No.                                    | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extension<br>Announcement No<br>Answer | <pre> attribute="spd" num="*16110003" enable="1"/&gt; &lt;/temporary&gt; &lt;/scm-softmenu&gt;  SIP/2.0 200 OK From: &lt;sip:10003@www.scme30k.com&gt;;tag=2524f1e6-5961-42e3-a634-28fe16a26123 To: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56f1a8-15a51e17-13c4-50022-2dc7-56012727-2dc7 Call-ID: 5787f8-15a51e17-13c4-50022-2dc7-7368cbf1-2dc7 CSeq: 1 NOTIFY Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-922ec-23b06c82-37ada2e8 Supported: timer,replaces Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH Contact: &lt;sip:010001@23.30.165.21&gt; Allow-Events: talk,hold Content-Length: 0  CANCEL sip:10003@23.30.165.9 SIP/2.0 From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=c4f9c80e-97e5-44dd-ab72-0aa35e4208e5 To: "10003"&lt;sip:10003@www.scme30k.com&gt; Call-ID: a1823302-2e34-4d33-a4a6-c170c04f8c0d@www.scme30k.com CSeq: 1 CANCEL Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-922ec-23b06b3a-6dd834aa Max-Forwards: 70 Content-Length: 0  SIP/2.0 200 OK From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=c4f9c80e-97e5-44dd-ab72-0aa35e4208e5 To: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=10132c30-9a51e17-13c4-50022-1015ce-510f5c61-1015ce Call-ID: a1823302-2e34-4d33-a4a6-c170c04f8c0d@www.scme30k.com </pre> |

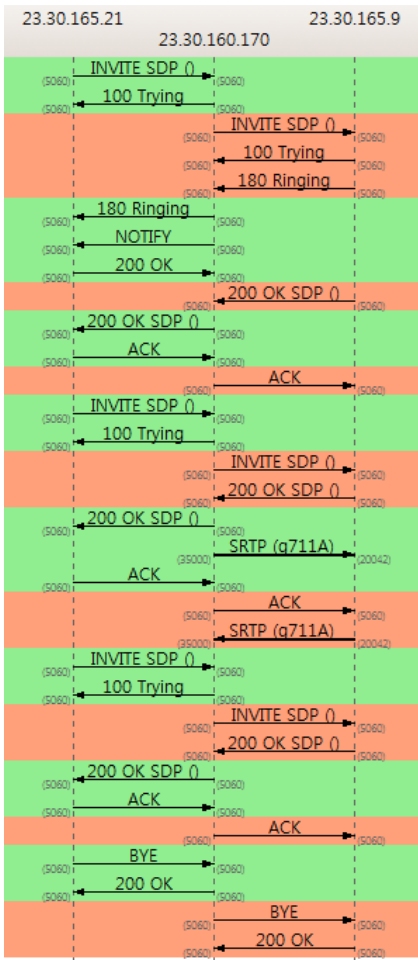
(Continued)

| No.                                    | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extension<br>Announcement No<br>Answer | <pre> CSeq: 1 CANCEL Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-922ec- 23b06b3a-6dd834aa Supported: timer,replaces Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Length: 0  SIP/2.0 487 Request Terminated From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=c4f9c80e-97e5- 44dd-ab72-0aa35e4208e5 To: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=10132c30- 9a51e17-13c4-50022-1015ce-510f5c61-1015ce Call-ID: a1823302-2e34-4d33-a4a6- c170c04f8c0d@www.scme30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-922ec- 23b06b3a-6dd834aa Supported: timer,replaces P-Preferred-Identity: "10003"&lt;sip:10003@www.scme30k.com&gt; Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Length: 0  ACK sip:10003@23.30.165.9 SIP/2.0 From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=c4f9c80e-97e5- 44dd-ab72-0aa35e4208e5 To: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=10132c30- 9a51e17-13c4-50022-1015ce-510f5c61-1015ce Call-ID: a1823302-2e34-4d33-a4a6- c170c04f8c0d@www.scme30k.com CSeq: 1 ACK Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-922ec-23b06b3a- 6dd834aa           </pre> |

(Continued)

| No.                                    | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extension<br>Announcement No<br>Answer | <p>Max-Forwards: 70</p> <p>Contact: &lt;sip:010001@23.30.160.170:5060&gt;</p> <p>Content-Length: 0</p> <p>SIP/2.0 183 Session Progress</p> <p>From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56f1a8-15a51e17-13c4-50022-2dc7-56012727-2dc7</p> <p>To: &lt;sip:10003@www.scme30k.com&gt;;tag=2524f1e6-5961-42e3-a634-28fe16a26123</p> <p>Call-ID: 5787f8-15a51e17-13c4-50022-2dc7-7368cbf1-2dc7</p> <p>CSeq: 1 INVITE</p> <p>P-Asserted-Identity: "10003" &lt;sip:10003@www.scme30k.com&gt;</p> <p>Via: SIP/2.0/UDP<br/>23.30.165.21:5060;rport=5060;branch=z9hG4bK-2dc7-b2d324-695bf424</p> <p>Contact: &lt;sip:10003@23.30.160.170:5060&gt;</p> <p>Content-Type: application/sdp</p> <p>Content-Length: 254</p> <p>v=0</p> <p>o=10003 100048 100048 IN IP4 23.30.160.170</p> <p>s=Samsung IP PBX</p> <p>c=IN IP4 23.30.160.170</p> <p>t=0 0</p> <p>m=audio 35000 RTP/SAVP 8</p> <p>a=rtpmap:8 PCMA/8000</p> <p>a=ptime:20</p> <p>a=sendrecv</p> <p>a=crypto:1 AES_CM_128_HMAC_SHA1_80</p> <p>inline:OS+IR9wy1s04DGAAUuQP7hJIRPxq5gix16tVYEJg</p> <p>SIP/2.0 480 Temporarily Unavailable</p> <p>From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56f1a8-15a51e17-13c4-50022-2dc7-56012727-2dc7</p> <p>To: &lt;sip:10003@www.scme30k.com&gt;;tag=2524f1e6-5961-42e3-a634-28fe16a26123</p> <p>Call-ID: 5787f8-15a51e17-13c4-50022-2dc7-7368cbf1-2dc7</p> <p>CSeq: 1 INVITE</p> <p>Reason: Q.850 ;cause=19 ;text="No Answer From User"</p> <p>Via: SIP/2.0/UDP<br/>23.30.165.21:5060;rport=5060;branch=z9hG4bK-2dc7-b2d324-695bf424</p> <p>Content-Length: 0</p> |

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| No.                                    | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extension<br>Announcement No<br>Answer | <p>ACK sip:10003@www.scme30k.com SIP/2.0</p> <p>From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56f1a8-15a51e17-13c4-50022-2dc7-56012727-2dc7</p> <p>To: &lt;sip:10003@www.scme30k.com&gt;;tag=2524f1e6-5961-42e3-a634-28fe16a26123</p> <p>Call-ID: 5787f8-15a51e17-13c4-50022-2dc7-7368cbf1-2dc7</p> <p>CSeq: 1 ACK</p> <p>Via: SIP/2.0/UDP 23.30.165.21:5060;rport;branch=z9hG4bK-2dc7-b2d324-695bf424</p> <p>Max-Forwards: 70</p> <p>User-Agent: SAMSUNG-SMT-i5243/V01.38</p> <p>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH</p> <p>Contact: &lt;sip:010001@23.30.165.21&gt;</p> <p>Allow-Events: talk,hold</p> <p>Content-Length: 0</p>                                                                                                                                                                                                                                                                                                                                                                                                                   |
| MOH                                    | <p>MOH</p>  <pre> sequenceDiagram     participant A as 23.30.165.21     participant B as 23.30.160.170     participant C as 23.30.165.9      A-&gt;&gt;B: INVITE SDP ()     B--&gt;A: 100 Trying     B-&gt;&gt;C: INVITE SDP ()     C--&gt;B: 100 Trying     C-&gt;&gt;B: 180 Ringing     B--&gt;A: 180 Ringing     B-&gt;&gt;C: NOTIFY     C--&gt;B: 200 OK     B-&gt;&gt;C: 200 OK SDP ()     C--&gt;B: 200 OK SDP ()     B-&gt;&gt;A: ACK     A--&gt;B: ACK     B-&gt;&gt;C: INVITE SDP ()     C--&gt;B: 100 Trying     B-&gt;&gt;C: INVITE SDP ()     C--&gt;B: 200 OK SDP ()     B-&gt;&gt;C: 200 OK SDP ()     C-&gt;&gt;B: SRTP (q711A)     B-&gt;&gt;A: ACK     A--&gt;B: ACK     B-&gt;&gt;C: SRTP (q711A)     C-&gt;&gt;B: INVITE SDP ()     B--&gt;A: 100 Trying     B-&gt;&gt;C: INVITE SDP ()     C--&gt;B: 200 OK SDP ()     B-&gt;&gt;C: 200 OK SDP ()     C-&gt;&gt;B: ACK     B--&gt;A: ACK     B-&gt;&gt;C: BYE     C--&gt;B: 200 OK     B-&gt;&gt;C: BYE     C--&gt;B: 200 OK     </pre> |



(Continued)

| No. | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MOH | <p> INVITE sip:10003@www.scme30k.com SIP/2.0<br/> From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56f9a0-15a51e17-13c4-50022-2efb-e056d39-2efb<br/> To: &lt;sip:10003@www.scme30k.com&gt;<br/> Call-ID: 5789d8-15a51e17-13c4-50022-2efb-481674e3-2efb<br/> CSeq: 1 INVITE<br/> Via: SIP/2.0/UDP<br/> 23.30.165.21:5060;rport=5060;branch=z9hG4bK-2efb-b78658-547345ce<br/> Max-Forwards: 70<br/> Supported: timer,replaces<br/> P-Preferred-Identity:<br/> "Michael"&lt;sip:010001@www.scme30k.com&gt;<br/> User-Agent: SAMSUNG-SMT-i5243/V01.38<br/> Contact: &lt;sip:010001@23.30.165.21&gt;<br/> Session-Expires: 1800;refresher=uas<br/> Min-SE: 90<br/> Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH<br/> Allow-Events: talk,hold<br/> Content-Type: application/sdp<br/> Content-Length: 925 </p> <p> v=0<br/> o=SAMSUNG_IP_PHONE 1334602445 0 IN IP4 23.30.165.21<br/> s=SAMSUNG_VOIP_CALL<br/> c=IN IP4 23.30.165.21<br/> t=0 0<br/> m=audio 20046 RTP/SAVP 8 0 18 9 102 101<br/> a=rtpmap:8 PCMA/8000<br/> a=rtpmap:0 PCMU/8000<br/> a=rtpmap:18 G729/8000<br/> a=rtpmap:9 G722/8000<br/> a=rtpmap:102 iLBC/8000<br/> a=rtpmap:101 telephone-event/8000<br/> a=fmtp:101 0-15<br/> a=ptime:20<br/> a=sendrecv<br/> a=crypto:1 AES_CM_128_HMAC_SHA1_80<br/> inline:+4xCQdyILIDX/8iYrNzQIQ6GLMIJyV8N9uMBTRrh<br/> a=crypto:2 ARIA_CM_128_HMAC_SHA1_80<br/> inline:2dZLMvCl0JcWZBdznaCHopAtthRX6jZHYlugksRJ </p> |

(Continued)

| No. | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MOH | <p> m=video 25046 RTP/SAVP 34 98 99<br/> a=rtpmap:34 H263/90000<br/> a=rtpmap:98 MP4V-ES/90000<br/> a=rtpmap:99 H264/90000<br/> a=fmtp:34 CIF=2;QCIF=2<br/> a=fmtp:98 profile-level-id=2<br/> a=fmtp:99 profile-level-id=42800C;packetization-mode=0<br/> a=framerate:15.0<br/> a=sendrecv<br/> a=crypto:1 AES_CM_128_HMAC_SHA1_80<br/> inline:ANB4nr8e3drDbLhtXW4yRLgrLlPDm6/wBKtfQUGl<br/> a=crypto:2 ARIA_CM_128_HMAC_SHA1_80<br/> inline:ck0EQJysbLllVeDjkAoykbxtmh3CrKYKfEj1msPg </p> <p> SIP/2.0 100 Trying<br/> From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56f9a0-15a51e17-13c4-50022-2efb-e056d39-2efb<br/> To: &lt;sip:10003@www.scme30k.com&gt;<br/> Call-ID: 5789d8-15a51e17-13c4-50022-2efb-481674e3-2efb<br/> CSeq: 1 INVITE<br/> Via: SIP/2.0/UDP<br/> 23.30.165.21:5060;rport=5060;branch=z9hG4bK-2efb-b78658-547345ce<br/> Contact: &lt;sip:10003@www.scme30k.com&gt;<br/> Content-Length: 0 </p> <p> INVITE sip:10003@23.30.165.9 SIP/2.0<br/> From:<br/> "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=aba2f4f2-7bfa-4fed-ad76-7137ff1a4101<br/> To: "10003"&lt;sip:10003@www.scme30k.com&gt;<br/> Call-ID: 44c42a93-c306-4e24-9583-b893d3fa7663@www.scme30k.com<br/> CSeq: 1 INVITE<br/> Via: SIP/2.0/UDP<br/> 23.30.160.170:5060;rport;branch=z9hG4bK-92420-23b51e44-7513f069<br/> P-Asserted-Identity: "Michael"<br/> &lt;sip:010001@www.scme30k.com&gt;<br/> Supported: replaces, timer<br/> Max-Forwards: 70 </p> |

(Continued)

| No. | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MOH | <p> Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE,<br/> NOTIFY,UPDATE,PUBLISH<br/> Contact: &lt;sip:010001@23.30.160.170:5060&gt;<br/> Session-Expires: 1800;refresher=uac<br/> Min-SE: 90<br/> Content-Type: application/sdp<br/> Content-Length: 765<br/><br/> v=0<br/> o=010001 1334602445 0 IN IP4 23.30.165.21<br/> s=Samsung IP PBX<br/> c=IN IP4 23.30.165.21<br/> t=0 0<br/> a=sendrecv<br/> m=audio 20046 RTP/SAVP 8<br/> a=rtpmap:8 PCMA/8000<br/> a=fmtp:101 0-15<br/> a=ptime:20<br/> a=sendrecv<br/> a=crypto:1 AES_CM_128_HMAC_SHA1_80<br/> inline:+4xCQdyILIDX/8iYrNzQIQ6GLMIJyV8N9uMBTRrh<br/> a=crypto:2 ARIA_CM_128_HMAC_SHA1_80<br/> inline:2dZLMvCl0JcWZBdznaCHopAtthRX6jZHY1ugksRJ<br/> m=video 25046 RTP/SAVP 34 98 99<br/> a=rtpmap:34 H263/90000<br/> a=fmtp:34 CIF=2;QCIF=2<br/> a=rtpmap:98 MP4V-ES/90000<br/> a=fmtp:98 profile-level-id=2<br/> a=rtpmap:99 H264/90000<br/> a=fmtp:99 profile-level-id=42800C;packetization-mode=0<br/> a=sendrecv<br/> a=crypto:1 AES_CM_128_HMAC_SHA1_80<br/> inline:ANB4nr8e3drDbLhtXW4yRLgrLlPDm6/wBKTFQUGl<br/> a=crypto:2 ARIA_CM_128_HMAC_SHA1_80<br/> inline:ck0EQJysbLllVeDjkAoykbxtmh3CrKYKfEj1msPg<br/><br/> SIP/2.0 100 Trying<br/> From:<br/> "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=aba2f4f2-7bfa-<br/> 4fed-ad76-7137ff1a4101<br/> To: "10003"&lt;sip:10003@www.scme30k.com&gt;<br/> Call-ID: 44c42a93-c306-4e24-9583-<br/> b893d3fa7663@www.scme30k.com </p> |

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| No. | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MOH | <p>CSeq: 1 INVITE<br/>Via: SIP/2.0/UDP<br/>23.30.160.170:5060;rport=5060;branch=z9hG4bK-92420-23b51e44-7513f069<br/>Supported: timer,replaces<br/>P-Preferred-Identity: "10003"&lt;sip:10003@www.scme30k.com&gt;<br/>Contact: &lt;sip:10003@23.30.165.9&gt;<br/>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH<br/>Allow-Events: talk,hold<br/>Content-Length: 0</p> <p>SIP/2.0 180 Ringing<br/>From:<br/>"Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=aba2f4f2-7bfa-4fed-ad76-7137ff1a4101<br/>To: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=10131aa8-9a51e17-13c4-50022-101702-5773a783-101702<br/>Call-ID: 44c42a93-c306-4e24-9583-b893d3fa7663@www.scme30k.com<br/>CSeq: 1 INVITE<br/>Via: SIP/2.0/UDP<br/>23.30.160.170:5060;rport=5060;branch=z9hG4bK-92420-23b51e44-7513f069<br/>Supported: timer,replaces<br/>P-Preferred-Identity: "10003"&lt;sip:10003@www.scme30k.com&gt;<br/>Contact: &lt;sip:10003@23.30.165.9&gt;<br/>Allow:<br/>INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH<br/>Allow-Events: talk,hold<br/>Content-Length: 0</p> <p>SIP/2.0 180 Ringing<br/>From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56f9a0-15a51e17-13c4-50022-2efb-e056d39-2efb<br/>To: &lt;sip:10003@www.scme30k.com&gt;;tag=ce8f36bb-2c02-4f6c-8ad4-27bba6a23aae<br/>Call-ID: 5789d8-15a51e17-13c4-50022-2efb-481674e3-2efb<br/>CSeq: 1 INVITE<br/>P-Asserted-Identity: "10003" &lt;sip:10003@www.scme30k.com&gt;</p> |

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| No. | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MOH | <p>Via: SIP/2.0/UDP<br/> 23.30.165.21:5060;rport=5060;branch=z9hG4bK-2efb-b78658-547345ce<br/> Contact: &lt;sip:10003@23.30.160.170:5060&gt;<br/> Content-Length: 0</p> <p>NOTIFY sip:010001@23.30.165.21 SIP/2.0<br/> From: &lt;sip:10003@www.scme30k.com&gt;;tag=ce8f36bb-2c02-4f6c-8ad4-27bba6a23aae<br/> To: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56f9a0-15a51e17-13c4-50022-2efb-e056d39-2efb<br/> Call-ID: 5789d8-15a51e17-13c4-50022-2efb-481674e3-2efb<br/> CSeq: 1 NOTIFY<br/> Via: SIP/2.0/UDP<br/> 23.30.160.170:5060;rport;branch=z9hG4bK-92420-23b51fbb-44461b1f<br/> Event: scm-<br/> softmenu;version="SCMExpress_1.0.0";type=update-<br/> softmenu-volatile<br/> Max-Forwards: 70<br/> Contact: &lt;sip:10003@23.30.160.170:5060&gt;<br/> Content-Type: application/scm-profile+xml<br/> Content-Length: 197</p> <pre>&lt;?xml version="1.0"?&gt; &lt;scm-softmenu&gt;   &lt;temporary&gt;     &lt;charset&gt;euc-kr&lt;/charset&gt;     &lt;function idx="1" display="Call Back" attribute="spd" num="*16110003" enable="1"/&gt;   &lt;/temporary&gt; &lt;/scm-softmenu&gt;</pre> <p>SIP/2.0 200 OK<br/> From: &lt;sip:10003@www.scme30k.com&gt;;tag=ce8f36bb-2c02-4f6c-8ad4-27bba6a23aae<br/> To: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56f9a0-15a51e17-13c4-50022-2efb-e056d39-2efb<br/> Call-ID: 5789d8-15a51e17-13c4-50022-2efb-481674e3-2efb<br/> CSeq: 1 NOTIFY<br/> Via: SIP/2.0/UDP<br/> 23.30.160.170:5060;rport=5060;branch=z9hG4bK-92420-23b51fbb-44461b1f</p> |

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| No. | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MOH | <p>Supported: timer,replaces<br/> Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,<br/> SUBSCRIBE,NOTIFY,PUBLISH<br/> Contact: &lt;sip:010001@23.30.165.21&gt;<br/> Allow-Events: talk,hold<br/> Content-Length: 0</p> <p>SIP/2.0 200 OK<br/> From:<br/> "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=aba2f4f2-7bfa-<br/> 4fed-ad76-7137ff1a4101<br/> To: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=10131aa8-<br/> 9a51e17-13c4-50022-101702-5773a783-101702<br/> Call-ID: 44c42a93-c306-4e24-9583-<br/> b893d3fa7663@www.scme30k.com<br/> CSeq: 1 INVITE<br/> Via: SIP/2.0/UDP<br/> 23.30.160.170:5060;rport=5060;branch=z9hG4bK-92420-<br/> 23b51e44-7513f069<br/> Supported: timer,replaces<br/> Require: timer<br/> P-Preferred-Identity: "10003"&lt;sip:10003@www.scme30k.com&gt;<br/> Contact: &lt;sip:10003@23.30.165.9&gt;<br/> Session-Expires: 1800;refresher=uac<br/> Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,<br/> SUBSCRIBE,NOTIFY,PUBLISH<br/> Allow-Events: talk,hold<br/> Content-Type: application/sdp<br/> Content-Length: 292</p> <p>v=0<br/> o=SAMSUNG_IP_PHONE 1334602471 1 IN IP4 23.30.165.9<br/> s=SAMSUNG_VOIP_CALL<br/> c=IN IP4 23.30.165.9<br/> t=0 0<br/> m=audio 20040 RTP/SAVP 8<br/> a=rtptime:8 PCMA/8000<br/> a=ptime:20<br/> a=sendrecv<br/> a=crypto:1 AES_CM_128_HMAC_SHA1_80<br/> inline:whlZtSetdZ3T29XYvXrxBjRAwpe6aZuaTSHSqr11<br/> m=video 0 RTP/SAVP 34 98 99</p> |

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| No. | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MOH | <p>SIP/2.0 200 OK</p> <p>From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56f9a0-15a51e17-13c4-50022-2efb-e056d39-2efb</p> <p>To: &lt;sip:10003@www.scme30k.com&gt;;tag=ce8f36bb-2c02-4f6c-8ad4-27bba6a23aae</p> <p>Call-ID: 5789d8-15a51e17-13c4-50022-2efb-481674e3-2efb</p> <p>CSeq: 1 INVITE</p> <p>Supported: replaces, timer</p> <p>P-Asserted-Identity: "10003" &lt;sip:10003@www.scme30k.com&gt;</p> <p>Allow:</p> <p>INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE,NOTIFY,UPDATE,PUBLISH</p> <p>Via: SIP/2.0/UDP</p> <p>23.30.165.21:5060;rport=5060;branch=z9hG4bK-2efb-b78658-547345ce</p> <p>Contact: &lt;sip:10003@23.30.160.170:5060&gt;</p> <p>Session-Expires: 1800;refresher=uas</p> <p>Content-Type: application/sdp</p> <p>Content-Length: 280</p> <p>v=0</p> <p>o=10003 1334602471 1 IN IP4 23.30.160.170</p> <p>s=Samsung IP PBX</p> <p>c=IN IP4 23.30.165.9</p> <p>t=0 0</p> <p>m=audio 20040 RTP/SAVP 8</p> <p>a=rtpmap:8 PCMA/8000</p> <p>a=ptime:20</p> <p>a=sendrecv</p> <p>a=crypto:1 AES_CM_128_HMAC_SHA1_80</p> <p>inline:whlZtSetdZ3T29XYvXrxBjRAwpe6aZuaTSHSqr11</p> <p>m=video 0 RTP/SAVP 34 98 99</p> <p>ACK sip:10003@23.30.160.170:5060 SIP/2.0</p> <p>From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56f9a0-15a51e17-13c4-50022-2efb-e056d39-2efb</p> <p>To: &lt;sip:10003@www.scme30k.com&gt;;tag=ce8f36bb-2c02-4f6c-8ad4-27bba6a23aae</p> <p>Call-ID: 5789d8-15a51e17-13c4-50022-2efb-481674e3-2efb</p> <p>CSeq: 1 ACK</p> <p>Via: SIP/2.0/UDP 23.30.165.21:5060;rport;branch=z9hG4bK-2efd-b78dba-1d56a2d</p> <p>Max-Forwards: 70</p> |

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| No. | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MOH | <p>User-Agent: SAMSUNG-SMT-i5243/V01.38<br/> Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,<br/> SUBSCRIBE,NOTIFY,PUBLISH<br/> Contact: &lt;sip:010001@23.30.165.21&gt;<br/> Allow-Events: talk,hold<br/> Content-Length: 0</p> <p>ACK sip:10003@23.30.165.9 SIP/2.0<br/> From:<br/> "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=aba2f4f2-7bfa-<br/> 4fed-ad76-7137ffa4101<br/> To: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=10131aa8-<br/> 9a51e17-13c4-50022-101702-5773a783-101702<br/> Call-ID: 44c42a93-c306-4e24-9583-<br/> b893d3fa7663@www.scme30k.com<br/> CSeq: 1 ACK<br/> Via: SIP/2.0/UDP<br/> 23.30.160.170:5060;rport;branch=z9hG4bK-92422-23b525fa-<br/> 261ad6d9<br/> Max-Forwards: 70<br/> Contact: &lt;sip:010001@23.30.160.170:5060&gt;<br/> Content-Length: 0</p> <p>INVITE sip:10003@23.30.160.170:5060 SIP/2.0<br/> From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56f9a0-<br/> 15a51e17-13c4-50022-2efb-e056d39-2efb<br/> To: &lt;sip:10003@www.scme30k.com&gt;;tag=ce8f36bb-2c02-4f6c-<br/> 8ad4-27bba6a23aae<br/> Call-ID: 5789d8-15a51e17-13c4-50022-2efb-481674e3-2efb<br/> CSeq: 2 INVITE<br/> Via: SIP/2.0/UDP<br/> 23.30.165.21:5060;rport=5060;branch=z9hG4bK-2f02-b7a156-<br/> 7e56b9e9<br/> Max-Forwards: 70<br/> Supported: timer,replaces<br/> P-Preferred-Identity:<br/> "Michael"&lt;sip:010001@www.scme30k.com&gt;<br/> User-Agent: SAMSUNG-SMT-i5243/V01.38<br/> Contact: &lt;sip:010001@23.30.165.21&gt;<br/> Session-Expires: 1800;refresher=uas<br/> Min-SE: 90</p> |



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| No. | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MOH | <p>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,<br/>SUBSCRIBE,NOTIFY,PUBLISH<br/>Allow-Events: talk,hold<br/>Content-Type: application/sdp<br/>Content-Length: 869</p> <p>v=0<br/>o=SAMSUNG_IP_PHONE 1334602445 1 IN IP4 23.30.165.21<br/>s=SAMSUNG_VOIP_CALL<br/>c=IN IP4 23.30.165.21<br/>t=0 0<br/>m=audio 20048 RTP/SAVP 8 0 18 9 102<br/>a=rtpmap:8 PCMA/8000<br/>a=rtpmap:0 PCMU/8000<br/>a=rtpmap:18 G729/8000<br/>a=rtpmap:9 G722/8000<br/>a=rtpmap:102 iLBC/8000<br/>a=ptime:20<br/>a=inactive<br/>a=crypto:1 AES_CM_128_HMAC_SHA1_80<br/>inline:+4xCQdyILIDX/8iYrNzQIQ6GLMIJyV8N9uMBTRrh<br/>a=crypto:2 ARIA_CM_128_HMAC_SHA1_80<br/>inline:2dZLMvCl0JcWZBdznaCHopAtthRX6jZHY1ugksRJ<br/>m=video 25048 RTP/SAVP 34 98 99<br/>a=rtpmap:34 H263/90000<br/>a=rtpmap:98 MP4V-ES/90000<br/>a=rtpmap:99 H264/90000<br/>a=fmtp:34 CIF=2;QCIF=2<br/>a=fmtp:98 profile-level-id=2<br/>a=fmtp:99 profile-level-id=42800C;packetization-mode=0<br/>a=framerate:15.0<br/>a=inactive<br/>a=crypto:1 AES_CM_128_HMAC_SHA1_80<br/>inline:ANB4nr8e3drDbLhtXW4yRLgrLlPDm6/wBKTfQUGL<br/>a=crypto:2 ARIA_CM_128_HMAC_SHA1_80<br/>inline:ck0EQJysbLllVeDjkAoykbxtmh3CrKYKfEj1msPg</p> <p>SIP/2.0 100 Trying<br/>From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56f9a0-15a51e17-13c4-50022-2efb-e056d39-2efb<br/>To: &lt;sip:10003@www.scme30k.com&gt;;tag=ce8f36bb-2c02-4f6c-8ad4-27bba6a23aee</p> |

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| No. | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MOH | <p>Call-ID: 5789d8-15a51e17-13c4-50022-2efb-481674e3-2efb<br/> CSeq: 2 INVITE<br/> Via: SIP/2.0/UDP<br/> 23.30.165.21:5060;rport=5060;branch=z9hG4bK-2f02-b7a156-7e56b9e9<br/> Contact: &lt;sip:10003@23.30.160.170:5060&gt;<br/> Content-Length: 0</p> <p>INVITE sip:10003@23.30.165.9 SIP/2.0<br/> From:<br/> "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=aba2f4f2-7bfa-4fed-ad76-7137ff1a4101<br/> To: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=10131aa8-9a51e17-13c4-50022-101702-5773a783-101702<br/> Call-ID: 44c42a93-c306-4e24-9583-b893d3fa7663@www.scme30k.com<br/> CSeq: 2 INVITE<br/> Via: SIP/2.0/UDP<br/> 23.30.160.170:5060;rport;branch=z9hG4bK-92427-23b5393b-7b23d22<br/> Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE,NOTIFY,UPDATE,PUBLISH<br/> P-Asserted-Identity: "Michael"<br/> &lt;sip:010001@www.scme30k.com&gt;<br/> Supported: replaces, timer<br/> Max-Forwards: 70<br/> Contact: &lt;sip:010001@23.30.160.170:5060&gt;<br/> Session-Expires: 1800;refresher=uac<br/> Min-SE: 90<br/> Content-Type: application/sdp<br/> Content-Length: 487</p> <p>v=0<br/> o=010001 100049 100049 IN IP4 23.30.160.170<br/> s=Samsung IP PBX<br/> c=IN IP4 23.30.160.170<br/> t=0 0<br/> m=audio 35000 RTP/SAVP 8 18 0<br/> a=rtpmap:8 PCMA/8000<br/> a=rtpmap:18 G729/8000<br/> a=rtpmap:0 PCMU/8000<br/> a=ptime:20</p> |

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| No. | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MOH | <pre> a=sendonly a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:+sT39eVWKfNM1lIS5MhRFiLDqoCTkSkRyVYiVmWJ a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:+sT39eVWKfNM1lIS5MhRFiLDqoCTkSkRyVYiVmWJ a=crypto:3 ARIA_CM_192_HMAC_SHA1_80 inline:+sT39eVWKfNM1lIS5MhRFiLDqoCTkSkRyVYiVmWJbwJ5q36yA s/=  SIP/2.0 200 OK From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=aba2f4f2-7bfa- 4fed-ad76-7137ff1a4101 To: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=10131aa8- 9a51e17-13c4-50022-101702-5773a783-101702 Call-ID: 44c42a93-c306-4e24-9583- b893d3fa7663@www.scme30k.com CSeq: 2 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-92427- 23b5393b-7b23d22 Supported: timer,replaces Require: timer P-Preferred-Identity: "10003"&lt;sip:10003@www.scme30k.com&gt; Contact: &lt;sip:10003@23.30.165.9&gt; Session-Expires: 1800;refresher=uac Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Type: application/sdp Content-Length: 263  v=0 o=SAMSUNG_IP_PHONE 1334602471 2 IN IP4 23.30.165.9 s=SAMSUNG_VOIP_CALL c=IN IP4 23.30.165.9 t=0 0 m=audio 20042 RTP/SAVP 8 a=rtpmap:8 PCMA/8000 a=ptime:20 a=recvonly a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:whlZtSetdZ3T29XYvXrxBjRAwpe6aZuaTSHSqr11 </pre> |

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| No. | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MOH | <p>SIP/2.0 200 OK</p> <p>From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56f9a0-15a51e17-13c4-50022-2efb-e056d39-2efb</p> <p>To: &lt;sip:10003@www.scme30k.com&gt;;tag=ce8f36bb-2c02-4f6c-8ad4-27bba6a23aae</p> <p>Call-ID: 5789d8-15a51e17-13c4-50022-2efb-481674e3-2efb</p> <p>CSeq: 2 INVITE</p> <p>Supported: replaces, timer</p> <p>P-Asserted-Identity: "10003" &lt;sip:10003@www.scme30k.com&gt;</p> <p>Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE,NOTIFY,UPDATE,PUBLISH</p> <p>Via: SIP/2.0/UDP</p> <p>23.30.165.21:5060;rport=5060;branch=z9hG4bK-2f02-b7a156-7e56b9e9</p> <p>Contact: &lt;sip:10003@23.30.160.170:5060&gt;</p> <p>Session-Expires: 1800;refresher=uas</p> <p>Content-Type: application/sdp</p> <p>Content-Length: 261</p> <p>v=0</p> <p>o=10003 1334602471 2 IN IP4 23.30.165.9</p> <p>s=Samsung IP PBX</p> <p>c=IN IP4 23.30.165.9</p> <p>t=0 0</p> <p>a=inactive</p> <p>m=audio 20042 RTP/SAVP 8</p> <p>a=rtpmap:8 PCMA/8000</p> <p>a=ptime:20</p> <p>a=inactive</p> <p>a=crypto:1 AES_CM_128_HMAC_SHA1_80</p> <p>inline:whlZtSetdZ3T29XYvXrxBjRAwpe6aZuaTSHSqr11</p> <p>ACK sip:10003@23.30.160.170:5060 SIP/2.0</p> <p>From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56f9a0-15a51e17-13c4-50022-2efb-e056d39-2efb</p> <p>To: &lt;sip:10003@www.scme30k.com&gt;;tag=ce8f36bb-2c02-4f6c-8ad4-27bba6a23aae</p> <p>Call-ID: 5789d8-15a51e17-13c4-50022-2efb-481674e3-2efb</p> <p>CSeq: 2 ACK</p> <p>Via: SIP/2.0/UDP 23.30.165.21:5060;rport;branch=z9hG4bK-2f02-b7a1d8-5e5e8006</p> <p>Max-Forwards: 70</p> |

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| No. | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MOH | <p>User-Agent: SAMSUNG-SMT-i5243/V01.38<br/> Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,<br/> SUBSCRIBE,NOTIFY,PUBLISH<br/> Contact: &lt;sip:010001@23.30.165.21&gt;<br/> Allow-Events: talk,hold<br/> Content-Length: 0</p> <p>ACK sip:10003@23.30.165.9 SIP/2.0<br/> From:<br/> "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=aba2f4f2-7bfa-<br/> 4fed-ad76-7137ff1a4101<br/> To: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=10131aa8-<br/> 9a51e17-13c4-50022-101702-5773a783-101702<br/> Call-ID: 44c42a93-c306-4e24-9583-<br/> b893d3fa7663@www.scme30k.com<br/> CSeq: 2 ACK<br/> Via: SIP/2.0/UDP<br/> 23.30.160.170:5060;rport;branch=z9hG4bK-92427-23b539b7-<br/> 38401ae<br/> Max-Forwards: 70<br/> Contact: &lt;sip:010001@23.30.160.170:5060&gt;<br/> Content-Length: 0</p> <p>INVITE sip:10003@23.30.160.170:5060 SIP/2.0<br/> From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56f9a0-<br/> 15a51e17-13c4-50022-2efb-e056d39-2efb<br/> To: &lt;sip:10003@www.scme30k.com&gt;;tag=ce8f36bb-2c02-4f6c-<br/> 8ad4-27bba6a23aae<br/> Call-ID: 5789d8-15a51e17-13c4-50022-2efb-481674e3-2efb<br/> CSeq: 3 INVITE<br/> Via: SIP/2.0/UDP<br/> 23.30.165.21:5060;rport=5060;branch=z9hG4bK-2f0d-b7cb4a-<br/> 114e8172<br/> Max-Forwards: 70<br/> Supported: timer,replaces<br/> P-Preferred-Identity:<br/> "Michael"&lt;sip:010001@www.scme30k.com&gt;<br/> User-Agent: SAMSUNG-SMT-i5243/V01.38<br/> Contact: &lt;sip:010001@23.30.165.21&gt;<br/> Session-Expires: 1800;refresher=uas<br/> Min-SE: 90</p> |

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| No. | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MOH | <p>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,<br/>SUBSCRIBE,NOTIFY,PUBLISH<br/>Allow-Events: talk,hold<br/>Content-Type: application/sdp<br/>Content-Length: 869</p> <p>v=0<br/>o=SAMSUNG_IP_PHONE 1334602445 2 IN IP4 23.30.165.21<br/>s=SAMSUNG_VOIP_CALL<br/>c=IN IP4 23.30.165.21<br/>t=0 0<br/>m=audio 20050 RTP/SAVP 8 0 18 9 102<br/>a=rtpmap:8 PCMA/8000<br/>a=rtpmap:0 PCMU/8000<br/>a=rtpmap:18 G729/8000<br/>a=rtpmap:9 G722/8000<br/>a=rtpmap:102 iLBC/8000<br/>a=ptime:20<br/>a=sendrecv<br/>a=crypto:1 AES_CM_128_HMAC_SHA1_80<br/>inline:+4xCQdyILIDX/8iYrNzQIQ6GLMIJyV8N9uMBTRrh<br/>a=crypto:2 ARIA_CM_128_HMAC_SHA1_80<br/>inline:2dZLMvCl0JcWZBdznaCHopAtthRX6jZHYlugksRJ<br/>m=video 25050 RTP/SAVP 34 98 99<br/>a=rtpmap:34 H263/90000<br/>a=rtpmap:98 MP4V-ES/90000<br/>a=rtpmap:99 H264/90000<br/>a=fmtp:34 CIF=2;QCIF=2<br/>a=fmtp:98 profile-level-id=2<br/>a=fmtp:99 profile-level-id=42800C;packetization-mode=0<br/>a=framerate:15.0<br/>a=sendrecv<br/>a=crypto:1 AES_CM_128_HMAC_SHA1_80<br/>inline:ANB4nr8e3drDbLhtXW4yRLgrLlPDm6/wBKtfQUGl<br/>a=crypto:2 ARIA_CM_128_HMAC_SHA1_80<br/>inline:ck0EQJysbLllVeDjkAoykbxtmh3CrKYKfEj1msPg</p> <p>SIP/2.0 100 Trying<br/>From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56f9a0-15a51e17-13c4-50022-2efb-e056d39-2efb<br/>To: &lt;sip:10003@www.scme30k.com&gt;;tag=ce8f36bb-2c02-4f6c-8ad4-27bba6a23aee</p> |

(Continued)

| No. | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MOH | <p>Call-ID: 5789d8-15a51e17-13c4-50022-2efb-481674e3-2efb<br/> CSeq: 3 INVITE<br/> Via: SIP/2.0/UDP<br/> 23.30.165.21:5060;rport=5060;branch=z9hG4bK-2f0d-b7cb4a-114e8172<br/> Contact: &lt;sip:10003@23.30.160.170:5060&gt;<br/> Content-Length: 0</p> <p>INVITE sip:10003@23.30.165.9 SIP/2.0<br/> From:<br/> "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=aba2f4f2-7bfa-4fed-ad76-7137ff1a4101<br/> To: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=10131aa8-9a51e17-13c4-50022-101702-5773a783-101702<br/> Call-ID: 44c42a93-c306-4e24-9583-b893d3fa7663@www.scme30k.com<br/> CSeq: 3 INVITE<br/> Via: SIP/2.0/UDP<br/> 23.30.160.170:5060;rport;branch=z9hG4bK-92431-23b5632c-b4a40c9<br/> Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE,NOTIFY,UPDATE,PUBLISH<br/> P-Asserted-Identity: "Michael"<br/> &lt;sip:010001@www.scme30k.com&gt;<br/> Supported: replaces, timer<br/> Max-Forwards: 70<br/> Contact: &lt;sip:010001@23.30.160.170:5060&gt;<br/> Session-Expires: 1800;refresher=uac<br/> Min-SE: 90<br/> Content-Type: application/sdp<br/> Content-Length: 857</p> <p>v=0<br/> o=010001 1334602445 2 IN IP4 23.30.160.170<br/> s=Samsung IP PBX<br/> c=IN IP4 23.30.165.21<br/> t=0 0<br/> m=audio 20050 RTP/SAVP 8 0 18 9 102<br/> a=rtpmap:8 PCMA/8000<br/> a=rtpmap:0 PCMU/8000<br/> a=rtpmap:18 G729/8000<br/> a=rtpmap:9 G722/8000<br/> a=rtpmap:102 iLBC/8000</p> |

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| No. | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MOH | <pre> a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:+4xCQdyILIDX/8iYrNzQIQ6GLMIJyV8N9uMBTRrh a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:2dZLMvC10JcWZBdznaCHopAtthRX6jZHYlugksRJ m=video 25050 RTP/SAVP 34 98 99 a=rtpmap:34 H263/90000 a=rtpmap:98 MP4V-ES/90000 a=rtpmap:99 H264/90000 a=fmtp:34 CIF=2;QCIF=2 a=fmtp:98 profile-level-id=2 a=fmtp:99 profile-level-id=42800C;packetization-mode=0 a=framerate:15.0 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:ANB4nr8e3drDbLhtXW4yRLgrLlPDm6/wBKTfQUGl a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:ck0EQJysbLllVeDjkAoykbxtmh3CrKYKfEjlmsPg  SIP/2.0 200 OK From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=aba2f4f2-7bfa- 4fed-ad76-7137ffla4101 To: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=10131aa8- 9a51e17-13c4-50022-101702-5773a783-101702 Call-ID: 44c42a93-c306-4e24-9583- b893d3fa7663@www.scme30k.com CSeq: 3 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-92431- 23b5632c-b4a40c9 Supported: timer,replaces Require: timer P-Preferred-Identity: "10003"&lt;sip:10003@www.scme30k.com&gt; Contact: &lt;sip:10003@23.30.165.9&gt; Session-Expires: 1800;refresher=uac Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Type: application/sdp Content-Length: 292 </pre> |



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| No. | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MOH | <pre> v=0 o=SAMSUNG_IP_PHONE 1334602471 3 IN IP4 23.30.165.9 s=SAMSUNG_VOIP_CALL c=IN IP4 23.30.165.9 t=0 0 m=audio 20044 RTP/SAVP 8 a=rtpmap:8 PCMA/8000 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:whlZtSetdZ3T29XYvXrxBjRAwpe6aZuaTSHSqr11 m=video 0 RTP/SAVP 34 98 99  SIP/2.0 200 OK From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56f9a0-15a51e17-13c4-50022-2efb-e056d39-2efb To: &lt;sip:10003@www.scme30k.com&gt;;tag=ce8f36bb-2c02-4f6c-8ad4-27bba6a23aae Call-ID: 5789d8-15a51e17-13c4-50022-2efb-481674e3-2efb CSeq: 3 INVITE Supported: replaces, timer P-Asserted-Identity: "10003" &lt;sip:10003@www.scme30k.com&gt; Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE,NOTIFY,UPDATE ,PUBLISH Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-2f0d-b7cb4a-114e8172 Contact: &lt;sip:10003@23.30.160.170:5060&gt; Session-Expires: 1800;refresher=uas Content-Type: application/sdp Content-Length: 280  v=0 o=10003 1334602471 3 IN IP4 23.30.160.170 s=Samsung IP PBX c=IN IP4 23.30.165.9 t=0 0 m=audio 20044 RTP/SAVP 8 a=rtpmap:8 PCMA/8000 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:whlZtSetdZ3T29XYvXrxBjRAwpe6aZuaTSHSqr11 m=video 0 RTP/SAVP 34 98 99 </pre> |

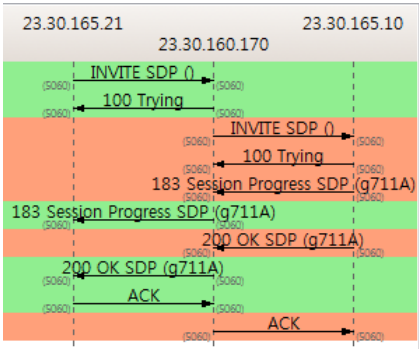
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| No. | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MOH | <p>ACK sip:10003@23.30.160.170:5060 SIP/2.0<br/> From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56f9a0-15a51e17-13c4-50022-2efb-e056d39-2efb<br/> To: &lt;sip:10003@www.scme30k.com&gt;;tag=ce8f36bb-2c02-4f6c-8ad4-27bba6a23aae<br/> Call-ID: 5789d8-15a51e17-13c4-50022-2efb-481674e3-2efb<br/> CSeq: 3 ACK<br/> Via: SIP/2.0/UDP 23.30.165.21:5060;rport;branch=z9hG4bK-2f0d-b7cbe0-6c3b0e3e<br/> Max-Forwards: 70<br/> User-Agent: SAMSUNG-SMT-i5243/V01.38<br/> Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH<br/> Contact: &lt;sip:010001@23.30.165.21&gt;<br/> Allow-Events: talk,hold<br/> Content-Length: 0</p> <p>ACK sip:10003@23.30.165.9 SIP/2.0<br/> From:<br/> "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=aba2f4f2-7bfa-4fed-ad76-7137ff1a4101<br/> To: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=10131aa8-9a51e17-13c4-50022-101702-5773a783-101702<br/> Call-ID: 44c42a93-c306-4e24-9583-b893d3fa7663@www.scme30k.com<br/> CSeq: 3 ACK<br/> Via: SIP/2.0/UDP<br/> 23.30.160.170:5060;rport;branch=z9hG4bK-92432-23b563c9-79383ac1<br/> Max-Forwards: 70<br/> Contact: &lt;sip:010001@23.30.160.170:5060&gt;<br/> Content-Length: 0</p> <p>BYE sip:10003@23.30.160.170:5060 SIP/2.0<br/> From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56f9a0-15a51e17-13c4-50022-2efb-e056d39-2efb<br/> To: &lt;sip:10003@www.scme30k.com&gt;;tag=ce8f36bb-2c02-4f6c-8ad4-27bba6a23aae<br/> Call-ID: 5789d8-15a51e17-13c4-50022-2efb-481674e3-2efb<br/> CSeq: 4 BYE<br/> Via: SIP/2.0/UDP<br/> 23.30.165.21:5060;rport=5060;branch=z9hG4bK-2f12-b7df68-52c4abd9</p> |

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| No. | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MOH | <p>Max-Forwards: 70</p> <p>Supported: timer, replaces</p> <p>User-Agent: SAMSUNG-SMT-i5243/V01.38</p> <p>Allow: INVITE, ACK, CANCEL, BYE, INFO, UPDATE, REFER, SUBSCRIBE, NOTIFY, PUBLISH</p> <p>Allow-Events: talk, hold</p> <p>Content-Length: 0</p><br><p>SIP/2.0 200 OK</p> <p>From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56f9a0-15a51e17-13c4-50022-2efb-e056d39-2efb</p> <p>To: &lt;sip:10003@www.scme30k.com&gt;;tag=ce8f36bb-2c02-4f6c-8ad4-27bba6a23aae</p> <p>Call-ID: 5789d8-15a51e17-13c4-50022-2efb-481674e3-2efb</p> <p>CSeq: 4 BYE</p> <p>Via: SIP/2.0/UDP</p> <p>23.30.165.21:5060;rport=5060;branch=z9hG4bK-2f12-b7df68-52c4abd9</p> <p>Content-Length: 0</p><br><p>BYE sip:10003@23.30.165.9 SIP/2.0</p> <p>From:</p> <p>"Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=aba2f4f2-7bfa-4fed-ad76-7137ff1a4101</p> <p>To: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=10131aa8-9a51e17-13c4-50022-101702-5773a783-101702</p> <p>Call-ID: 44c42a93-c306-4e24-9583-b893d3fa7663@www.scme30k.com</p> <p>CSeq: 4 BYE</p> <p>Via: SIP/2.0/UDP</p> <p>23.30.160.170:5060;rport;branch=z9hG4bK-92437-23b57748-5ec6661e</p> <p>Reason: Q.850 ;cause=16 ;text="Normal Release"</p> <p>Max-Forwards: 70</p> <p>Content-Length: 0</p><br><p>SIP/2.0 200 OK</p> <p>From:</p> <p>"Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=aba2f4f2-7bfa-4fed-ad76-7137ff1a4101</p> <p>To: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=10131aa8-9a51e17-13c4-50022-101702-5773a783-101702</p> |

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| No.                 | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MOH                 | <p>Call-ID: 44c42a93-c306-4e24-9583-b893d3fa7663@www.scme30k.com</p> <p>CSeq: 4 BYE</p> <p>Via: SIP/2.0/UDP<br/>23.30.160.170:5060;rport=5060;branch=z9hG4bK-92437-23b57748-5ec6661e</p> <p>Supported: timer,replaces</p> <p>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH</p> <p>Allow-Events: talk,hold</p> <p>Content-Length: 0</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Trunk Call Outgoing | <p>Trunk Call-Outgoing</p>  <pre> sequenceDiagram     participant A as 23.30.165.21     participant B as 23.30.160.170     participant C as 23.30.165.10     A-&gt;&gt;B: INVITE SDP ()     B--&gt;A: 100 Trying     A-&gt;&gt;C: INVITE SDP ()     C--&gt;A: 100 Trying     C-&gt;&gt;B: 183 Session Progress SDP (g711A)     B-&gt;&gt;A: 200 OK SDP (g711A)     A-&gt;&gt;C: ACK   </pre> <p>INVITE sip:81000@www.scme30k.com SIP/2.0</p> <p>From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56f1a8-15a51e17-13c4-50022-35c8-779ecae6-35c8</p> <p>To: &lt;sip:81000@www.scme30k.com&gt;</p> <p>Call-ID: 579158-15a51e17-13c4-50022-35c8-7f5161c0-35c8</p> <p>CSeq: 1 INVITE</p> <p>Via: SIP/2.0/UDP<br/>23.30.165.21:5060;rport=5060;branch=z9hG4bK-35c8-d217ac-6618de77</p> <p>Max-Forwards: 70</p> <p>Supported: timer,replaces</p> <p>P-Preferred-Identity:<br/>"Michael"&lt;sip:010001@www.scme30k.com&gt;</p> <p>User-Agent: SAMSUNG-SMT-i5243/V01.38</p> <p>Contact: &lt;sip:010001@23.30.165.21&gt;</p> <p>Session-Expires: 1800;refresher=uas</p> <p>Min-SE: 90</p> |

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| No.                 | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Trunk Call Outgoing | <p>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,<br/>SUBSCRIBE,NOTIFY,PUBLISH<br/>Allow-Events: talk,hold<br/>Content-Type: application/sdp<br/>Content-Length: 508</p> <p>v=0<br/>o=SAMSUNG_IP_PHONE 1334604186 0 IN IP4 23.30.165.21<br/>s=SAMSUNG_VOIP_CALL<br/>c=IN IP4 23.30.165.21<br/>t=0 0<br/>m=audio 20058 RTP/SAVP 8 0 18 9 102 101<br/>a=rtpmap:8 PCMA/8000<br/>a=rtpmap:0 PCMU/8000<br/>a=rtpmap:18 G729/8000<br/>a=rtpmap:9 G722/8000<br/>a=rtpmap:102 iLBC/8000<br/>a=rtpmap:101 telephone-event/8000<br/>a=fmtp:101 0-15<br/>a=ptime:20<br/>a=sendrecv<br/>a=crypto:1 AES_CM_128_HMAC_SHA1_80<br/>inline:g55HvSImWUbnl+7Lf7H8oE5YSBo+001IpSECAHHy<br/>a=crypto:2 ARIA_CM_128_HMAC_SHA1_80<br/>inline:57+00L638Zoar3IHGsZGvw+lf7HsmSEjSLI0YYcz</p> <p>SIP/2.0 100 Trying<br/>From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56f1a8-<br/>15a51e17-13c4-50022-35c8-779ecae6-35c8<br/>To: &lt;sip:81000@www.scme30k.com&gt;<br/>Call-ID: 579158-15a51e17-13c4-50022-35c8-7f5161c0-35c8<br/>CSeq: 1 INVITE<br/>Via: SIP/2.0/UDP<br/>23.30.165.21:5060;rport=5060;branch=z9hG4bK-35c8-d217ac-<br/>6618de77<br/>Contact: &lt;sip:81000@www.scme30k.com&gt;<br/>Content-Length: 0</p> <p>INVITE sip:2016fxo@23.30.165.10:5060 SIP/2.0<br/>From:<br/>"Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=da689655-4dc7-<br/>4a0d-a343-2d9ff7f33bfe</p> |

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| No.                 | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Trunk Call Outgoing | <p>To: &lt;sip:1000@www.scme30k.com&gt;<br/> Call-ID: 815adf1a-6340-46d1-9e87-c506a936ea8d@www.scme30k.com<br/> CSeq: 1 INVITE<br/> Via: SIP/2.0/UDP<br/> 23.30.160.170:5060;rport;branch=z9hG4bK-92aed-23cfae9c-3f58aec5<br/> P-Asserted-Identity: "2016fxo"<br/> &lt;sip:2016fxo@www.scme30k.com&gt;<br/> Supported: replaces, timer<br/> Diversions: &lt;sip:010001@www.scme30k.com&gt;<br/> Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE,NOTIFY,UPDATE,PUBLISH<br/> Max-Forwards: 70<br/> Contact: &lt;sip:010001@23.30.160.170:5060&gt;<br/> Session-Expires: 1800;refresher=uac<br/> Min-SE: 90<br/> Content-Type: application/sdp<br/> Content-Length: 366</p> <p>v=0<br/> o=010001 1334604186 0 IN IP4 23.30.165.21<br/> s=Samsung IP PBX<br/> c=IN IP4 23.30.165.21<br/> t=0 0<br/> a=sendrecv<br/> m=audio 20058 RTP/SAVP 8<br/> a=rtpmap:8 PCMA/8000<br/> a=fmtp:101 0-15<br/> a=ptime:20<br/> a=sendrecv<br/> a=crypto:1 AES_CM_128_HMAC_SHA1_80<br/> inline:g55HvSImWUbnl+7Lf7H8oE5YSBo+001IpSECAHHy<br/> a=crypto:2 ARIA_CM_128_HMAC_SHA1_80<br/> inline:57+00L638ZoaR3IHGsZGvw+lf7HsmSEjSLI0YYcz</p> <p>SIP/2.0 100 Trying<br/> From:<br/> "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=da689655-4dc7-4a0d-a343-2d9ff7f33bfe<br/> To: &lt;sip:1000@www.scme30k.com&gt;<br/> Call-ID: 815adf1a-6340-46d1-9e87-c506a936ea8d@www.scme30k.com</p> |

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| No.                 | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Trunk Call Outgoing | <pre> CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-92aed-23cfae9c- 3f58aec5 Content-Length: 0  SIP/2.0 183 Session Progress From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=da689655-4dc7- 4a0d-a343-2d9ff7f33bfe To: &lt;sip:1000@www.scme30k.com&gt;;tag=97186c7a-Ncc0-7246350 Call-ID: 815adf1a-6340-46d1-9e87- c506a936ea8d@www.scme30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-92aed-23cfae9c- 3f58aec5 Contact: &lt;sip:1000@23.30.165.10:5060&gt; Allow: ACK,BYE,CANCEL,INFO,INVITE,MESSAGE,NOTIFY, OPTIONS,PRACK,REFER,SUBSCRIBE,UPDATE Supported: timer,replaces Server: SAMSUNG-SMG-iBG2016/2.11.4.7 Content-Type: application/sdp Content-Length: 119  v=0 o=1000 1 1 IN IP4 23.30.165.10 s=- c=IN IP4 23.30.165.10 t=0 0 m=audio 16384 RTP/AVP 8 a=rtpmap:8 PCMA/8000  SIP/2.0 183 Session Progress From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56f1a8- 15a51e17-13c4-50022-35c8-779ecae6-35c8 To: &lt;sip:81000@www.scme30k.com&gt;;tag=cd9866fd-708e-47cf- b3c3-ce9a11f38de8 Call-ID: 579158-15a51e17-13c4-50022-35c8-7f5161c0-35c8 CSeq: 1 INVITE P-Asserted-Identity: &lt;sip:81000@www.scme30k.com&gt; </pre> |

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| No.                 | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Trunk Call Outgoing | <p>Via: SIP/2.0/UDP<br/>23.30.165.21:5060;rport=5060;branch=z9hG4bK-35c8-d217ac-6618de77<br/>Contact: &lt;sip:1000@23.30.160.170:5060&gt;<br/>Content-Type: application/sdp<br/>Content-Length: 133</p> <p>v=0<br/>o=1000 1 1 IN IP4 23.30.160.170<br/>s=Samsung IP PBX<br/>c=IN IP4 23.30.165.10<br/>t=0 0<br/>m=audio 16384 RTP/AVP 8<br/>a=rtpmap:8 PCMA/8000</p> <p>SIP/2.0 200 OK<br/>From:<br/>"Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=da689655-4dc7-4a0d-a343-2d9ff7f33bfe<br/>To: &lt;sip:1000@www.scme30k.com&gt;;tag=97186c7a-Ncc0-7246350<br/>Call-ID: 815adfla-6340-46dl-9e87-c506a936ea8d@www.scme30k.com<br/>CSeq: 1 INVITE<br/>Via: SIP/2.0/UDP<br/>23.30.160.170:5060;rport;branch=z9hG4bK-92aed-23cfae9c-3f58aec5<br/>Contact: &lt;sip:1000@23.30.165.10:5060&gt;<br/>Allow: ACK,BYE,CANCEL,INFO,INVITE,MESSAGE,NOTIFY,OPTIONS,PRACK,REFER,SUBSCRIBE,UPDATE<br/>Supported: timer,replaces<br/>Require: timer<br/>Server: SAMSUNG-SMG-iBG2016/2.11.4.7<br/>Session-Expires: 1800;refresher=uac<br/>Content-Type: application/sdp<br/>Content-Length: 119</p> <p>v=0<br/>o=1000 1 1 IN IP4 23.30.165.10<br/>s=-<br/>c=IN IP4 23.30.165.10<br/>t=0 0<br/>m=audio 16384 RTP/AVP 8<br/>a=rtpmap:8 PCMA/8000</p> |



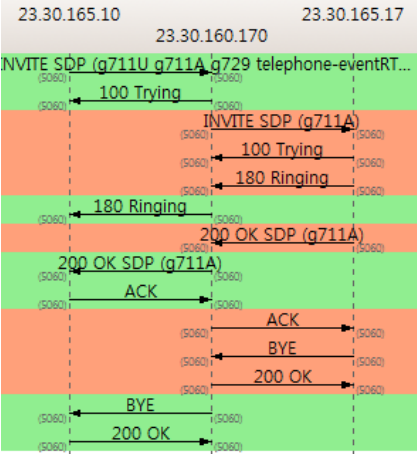
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| No.                 | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Trunk Call Outgoing | <p>SIP/2.0 200 OK</p> <p>From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56f1a8-15a51e17-13c4-50022-35c8-779ecae6-35c8</p> <p>To: &lt;sip:81000@www.scme30k.com&gt;;tag=cd9866fd-708e-47cf-b3c3-ce9a11f38de8</p> <p>Call-ID: 579158-15a51e17-13c4-50022-35c8-7f5161c0-35c8</p> <p>CSeq: 1 INVITE</p> <p>Supported: replaces, timer</p> <p>P-Asserted-Identity: &lt;sip:81000@www.scme30k.com&gt;</p> <p>Allow: INVITE,ACK,OPTIONS,BYE,CANCEL,PRACK,INFO,REFER,SUBSCRIBE,NOTIFY,MESSAGE,UPDATE</p> <p>Via: SIP/2.0/UDP</p> <p>23.30.165.21:5060;rport=5060;branch=z9hG4bK-35c8-d217ac-6618de77</p> <p>Contact: &lt;sip:1000@23.30.160.170:5060&gt;</p> <p>Session-Expires: 1800;refresher=uas</p> <p>Content-Type: application/sdp</p> <p>Content-Length: 133</p> <p>v=0</p> <p>o=1000 1 1 IN IP4 23.30.160.170</p> <p>s=Samsung IP PBX</p> <p>c=IN IP4 23.30.165.10</p> <p>t=0 0</p> <p>m=audio 16384 RTP/AVP 8</p> <p>a=rtpmap:8 PCMA/8000</p> <p>ACK sip:1000@23.30.160.170:5060 SIP/2.0</p> <p>From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56f1a8-15a51e17-13c4-50022-35c8-779ecae6-35c8</p> <p>To: &lt;sip:81000@www.scme30k.com&gt;;tag=cd9866fd-708e-47cf-b3c3-ce9a11f38de8</p> <p>Call-ID: 579158-15a51e17-13c4-50022-35c8-7f5161c0-35c8</p> <p>CSeq: 1 ACK</p> <p>Via: SIP/2.0/UDP 23.30.165.21:5060;rport;branch=z9hG4bK-35cb-d223be-17314852</p> <p>Max-Forwards: 70</p> <p>User-Agent: SAMSUNG-SMT-i5243/V01.38</p> <p>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH</p> <p>Contact: &lt;sip:010001@23.30.165.21&gt;</p> <p>Allow-Events: talk,hold</p> <p>Content-Length: 0</p> |

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| No.                 | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Trunk Call Outgoing | <p>ACK sip:1000@23.30.165.10:5060 SIP/2.0</p> <p>From:</p> <p>"Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=da689655-4dc7-4a0d-a343-2d9ff7f33bfe</p> <p>To: &lt;sip:1000@www.scme30k.com&gt;;tag=97186c7a-Ncc0-7246350</p> <p>Call-ID: 815adfla-6340-46d1-9e87-c506a936ea8d@www.scme30k.com</p> <p>CSeq: 1 ACK</p> <p>Via: SIP/2.0/UDP</p> <p>23.30.160.170:5060;rport;branch=z9hG4bK-92af0-23cfbaa3-2dba4d5b</p> <p>Max-Forwards: 70</p> <p>Contact: &lt;sip:010001@23.30.160.170:5060&gt;</p> <p>Content-Length: 0</p> <p>BYE sip:010001@23.30.160.170:5060 SIP/2.0</p> <p>From: &lt;sip:1000@www.scme30k.com&gt;;tag=97186c7a-Ncc0-7246350</p> <p>To: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=da689655-4dc7-4a0d-a343-2d9ff7f33bfe</p> <p>Call-ID: 815adfla-6340-46d1-9e87-c506a936ea8d@www.scme30k.com</p> <p>CSeq: 1 BYE</p> <p>Via: SIP/2.0/UDP</p> <p>23.30.165.10:5060;branch=z9hG4bKhsig0000000133AAdTAMJ9An0S0gAAAAAAA</p> <p>Max-Forwards: 70</p> <p>User-Agent: SAMSUNG-SMG-iBG2016/2.11.4.7</p> <p>Reason: Q.850;cause=16;text="Normal Release"</p> <p>Content-Length: 0</p> <p>SIP/2.0 200 OK</p> <p>From: &lt;sip:1000@www.scme30k.com&gt;;tag=97186c7a-Ncc0-7246350</p> <p>To: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=da689655-4dc7-4a0d-a343-2d9ff7f33bfe</p> <p>Call-ID: 815adfla-6340-46d1-9e87-c506a936ea8d@www.scme30k.com</p> <p>CSeq: 1 BYE</p> <p>Via: SIP/2.0/UDP</p> <p>23.30.165.10:5060;branch=z9hG4bKhsig0000000133AAdTAMJ9An0S0gAAAAAAA</p> <p>Content-Length: 0</p> |

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| No.                 | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Trunk Call Outgoing | <p>             BYE sip:010001@23.30.165.21 SIP/2.0<br/>             From: &lt;sip:81000@www.scme30k.com&gt;;tag=cd9866fd-708e-47cf-b3c3-ce9a11f38de8<br/>             To: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56f1a8-15a51e17-13c4-50022-35c8-779ecae6-35c8<br/>             Call-ID: 579158-15a51e17-13c4-50022-35c8-7f5161c0-35c8<br/>             CSeq: 1 BYE<br/>             Via: SIP/2.0/UDP<br/>             23.30.160.170:5060;rport;branch=z9hG4bK-92b02-23d002b5-4a654dd8<br/>             Reason: Q.850 ;cause=16 ;text="Normal Release"<br/>             Max-Forwards: 70<br/>             Content-Length: 0           </p> <p>             SIP/2.0 200 OK<br/>             From: &lt;sip:81000@www.scme30k.com&gt;;tag=cd9866fd-708e-47cf-b3c3-ce9a11f38de8<br/>             To: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56f1a8-15a51e17-13c4-50022-35c8-779ecae6-35c8<br/>             Call-ID: 579158-15a51e17-13c4-50022-35c8-7f5161c0-35c8<br/>             CSeq: 1 BYE<br/>             Via: SIP/2.0/UDP<br/>             23.30.160.170:5060;rport=5060;branch=z9hG4bK-92b02-23d002b5-4a654dd8<br/>             Supported: timer,replaces<br/>             Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH<br/>             Allow-Events: talk,hold<br/>             Content-Length: 0           </p> |
| Trunk Incoming Call | <p>Trunk Incoming Call</p>  <pre> sequenceDiagram     participant A as 23.30.165.10     participant B as 23.30.160.170     participant C as 23.30.165.17     A-&gt;&gt;B: INVITE SDP (g711U g711A g729 telephone-eventRT...)     B--&gt;&gt;A: 100 Trying     B-&gt;&gt;C: INVITE SDP (g711A)     C--&gt;&gt;B: 100 Trying     C-&gt;&gt;B: 180 Ringing     B--&gt;&gt;A: 180 Ringing     B-&gt;&gt;A: 200 OK SDP (g711A)     A--&gt;&gt;B: ACK     B-&gt;&gt;C: ACK     B-&gt;&gt;C: BYE     C--&gt;&gt;B: 200 OK     B-&gt;&gt;A: BYE     A--&gt;&gt;B: 200 OK   </pre>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

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| No.                 | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Trunk Incoming Call | <p> INVITE sip:020001@www.scme30k.com SIP/2.0<br/> From: &lt;sip:1000@www.scme30k.com&gt;;tag=97186c7a-Nca0-7247044<br/> To: &lt;sip:020001@www.scme30k.com&gt;<br/> Call-ID: AAg9YMD0APQSnwAAAAAAAA-2c30-00007b<br/> CSeq: 1 INVITE<br/> Via: SIP/2.0/UDP<br/> 23.30.165.10:5060;branch=z9hG4bKhsig0000000058AAg9YMD0APQSoAAAAAAAA<br/> Contact: &lt;sip:1000@23.30.165.10:5060&gt;<br/> P-Asserted-Identity: &lt;sip:2016fxo@www.scme30k.com&gt;<br/> Max-Forwards: 70<br/> Supported: 100rel,timer<br/> Allow: ACK,BYE,CANCEL,INFO,INVITE,MESSAGE,NOTIFY,OPTIONS,PRACK,REFER,SUBSCRIBE,UPDATE<br/> Supported: replaces<br/> Session-Expires: 180;refresher=uac<br/> User-Agent: SAMSUNG-SMG-iBG2016/2.11.4.7<br/> Content-Type: application/sdp<br/> Content-Length: 246 </p> <p> v=0<br/> o=1000 1 1 IN IP4 23.30.165.10<br/> s=-<br/> c=IN IP4 23.30.165.10<br/> t=0 0<br/> m=audio 16508 RTP/AVP 0 8 18 101<br/> a=rtpmap:0 PCMU/8000<br/> a=rtpmap:8 PCMA/8000<br/> a=rtpmap:18 G729/8000<br/> a=fmtp:18 annexb=no<br/> a=rtpmap:101 telephone-event/8000<br/> a=fmtp:101 0-15 </p> <p> SIP/2.0 100 Trying<br/> From: &lt;sip:1000@www.scme30k.com&gt;;tag=97186c7a-Nca0-7247044<br/> To: &lt;sip:020001@www.scme30k.com&gt;<br/> Call-ID: AAg9YMD0APQSnwAAAAAAAA-2c30-00007b<br/> CSeq: 1 INVITE </p> |

(Continued)

| No.                 | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Trunk Incoming Call | <p>Via: SIP/2.0/UDP<br/> 23.30.165.10:5060;branch=z9hG4bKhsig0000000058AAg9YMD0AP<br/> QSoAAAAAAAAA<br/> Contact: &lt;sip:020001@www.scme30k.com&gt;<br/> Content-Length: 0</p> <p>INVITE sip:020001@23.30.165.17 SIP/2.0<br/> From: &lt;sip:1000@www.scme30k.com&gt;;tag=ec9c9068-ec39-4d9d-<br/> 9893-5d3d2a52b486<br/> To: "Sandy"&lt;sip:020001@www.scme30k.com&gt;<br/> Call-ID: cfd9894b-35d2-467b-831f-<br/> afc43959c4e7@www.scme30k.com<br/> CSeq: 1 INVITE<br/> Via: SIP/2.0/UDP<br/> 23.30.160.170:5060;rport;branch=z9hG4bK-92979-23ca03e8-<br/> 1c20c726<br/> P-Asserted-Identity: &lt;sip:1000@www.scme30k.com&gt;<br/> Alert-Info: &lt;http://127.0.0.1/Scm-external&gt;<br/> Supported: replaces, 100rel, timer<br/> Max-Forwards: 70<br/> Allow: INVITE,ACK,OPTIONS,BYE,CANCEL,PRACK,INFO,REFER,<br/> SUBSCRIBE,NOTIFY,MESSAGE,UPDATE<br/> Contact: &lt;sip:1000@23.30.160.170:5060&gt;<br/> Session-Expires: 1800;refresher=uac<br/> Min-SE: 90<br/> Content-Type: application/sdp<br/> Content-Length: 153</p> <p>v=0<br/> o=1000 1 1 IN IP4 23.30.165.10<br/> s=Samsung IP PBX<br/> c=IN IP4 23.30.165.10<br/> t=0 0<br/> m=audio 16508 RTP/AVP 8<br/> a=rtpmap:8 PCMA/8000<br/> a=fmtp:18 annexb=no</p> <p>SIP/2.0 100 Trying<br/> From: &lt;sip:1000@www.scme30k.com&gt;;tag=ec9c9068-ec39-4d9d-<br/> 9893-5d3d2a52b486<br/> To: "Sandy"&lt;sip:020001@www.scme30k.com&gt;<br/> Call-ID: cfd9894b-35d2-467b-831f-<br/> afc43959c4e7@www.scme30k.com</p> |

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| No.                 | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Trunk Incoming Call | <p>CSeq: 1 INVITE<br/>Via: SIP/2.0/UDP<br/>23.30.160.170:5060;rport=5060;branch=z9hG4bK-92979-23ca03e8-1c20c726<br/>Supported: timer,replaces<br/>P-Preferred-Identity:<br/>"Sandy"&lt;sip:020001@www.scme30k.com&gt;<br/>Contact: &lt;sip:020001@23.30.165.17&gt;<br/>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH<br/>Allow-Events: talk,hold<br/>Content-Length: 0</p> <p>SIP/2.0 180 Ringing<br/>From: &lt;sip:1000@www.scme30k.com&gt;;tag=ec9c9068-ec39-4d9d-9893-5d3d2a52b486<br/>To: "Sandy"&lt;sip:020001@www.scme30k.com&gt;;tag=101a1588-11a51e17-13c4-50022-254e6c-66767dd3-254e6c<br/>Call-ID: cfd9894b-35d2-467b-831f-afc43959c4e7@www.scme30k.com<br/>CSeq: 1 INVITE<br/>Via: SIP/2.0/UDP<br/>23.30.160.170:5060;rport=5060;branch=z9hG4bK-92979-23ca03e8-1c20c726<br/>Supported: timer,replaces<br/>P-Preferred-Identity:<br/>"Sandy"&lt;sip:020001@www.scme30k.com&gt;<br/>Contact: &lt;sip:020001@23.30.165.17&gt;<br/>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH<br/>Allow-Events: talk,hold<br/>Content-Length: 0</p> <p>SIP/2.0 180 Ringing<br/>From: &lt;sip:1000@www.scme30k.com&gt;;tag=97186c7a-Nca0-7247044<br/>To: &lt;sip:020001@www.scme30k.com&gt;;tag=5d12ee06-491e-4c26-978e-e8f735a44253<br/>Call-ID: AAg9YMD0APQSnwAAAAAAA-2c30-00007b<br/>CSeq: 1 INVITE</p> |

(Continued)

| No.                 | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Trunk Incoming Call | <p>Via: SIP/2.0/UDP<br/> 23.30.165.10:5060;branch=z9hG4bKhsig0000000058AAg9YMD0AP<br/> QSoAAAAAAAAA<br/> Contact: &lt;sip:020001@23.30.160.170:5060&gt;<br/> Content-Length: 0</p> <p>SIP/2.0 200 OK<br/> From: &lt;sip:1000@www.scme30k.com&gt;;tag=ec9c9068-ec39-4d9d-<br/> 9893-5d3d2a52b486<br/> To: "Sandy"&lt;sip:020001@www.scme30k.com&gt;;tag=101a1588-<br/> 11a51e17-13c4-50022-254e6c-66767dd3-254e6c<br/> Call-ID: cfd9894b-35d2-467b-831f-<br/> afc43959c4e7@www.scme30k.com<br/> CSeq: 1 INVITE<br/> Via: SIP/2.0/UDP<br/> 23.30.160.170:5060;rport=5060;branch=z9hG4bK-92979-<br/> 23ca03e8-1c20c726<br/> Supported: timer,replaces<br/> Require: timer<br/> P-Preferred-Identity:<br/> "Sandy"&lt;sip:020001@www.scme30k.com&gt;<br/> Contact: &lt;sip:020001@23.30.165.17&gt;<br/> Session-Expires: 1800;refresher=uac<br/> Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,<br/> SUBSCRIBE,NOTIFY,PUBLISH<br/> Allow-Events: talk,hold<br/> Content-Type: application/sdp<br/> Content-Length: 180</p> <p>v=0<br/> o=SAMSUNG_IP_PHONE 1334603827 1 IN IP4 23.30.165.17<br/> s=SAMSUNG_VOIP_CALL<br/> c=IN IP4 23.30.165.17<br/> t=0 0<br/> m=audio 20044 RTP/AVP 8<br/> a=rtpmap:8 PCMA/8000<br/> a=ptime:20<br/> a=sendrecv</p> |

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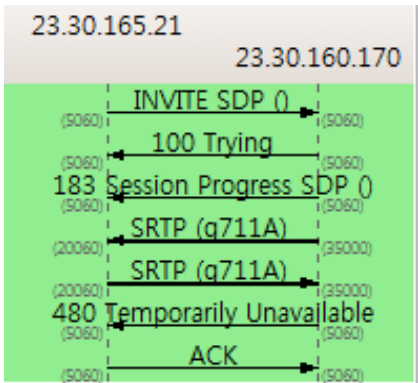
| No.                 | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Trunk Incoming Call | <p>SIP/2.0 200 OK</p> <p>From: &lt;sip:1000@www.scme30k.com&gt;;tag=97186c7a-Nca0-7247044</p> <p>To: &lt;sip:020001@www.scme30k.com&gt;;tag=5d12ee06-491e-4c26-978e-e8f735a44253</p> <p>Call-ID: AAg9YMD0APQSnwAAAAAAA-2c30-00007b</p> <p>CSeq: 1 INVITE</p> <p>Supported: replaces, timer</p> <p>Require: timer</p> <p>Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE,NOTIFY,UPDATE,PUBLISH</p> <p>Via: SIP/2.0/UDP</p> <p>23.30.165.10:5060;branch=z9hG4bKhsig0000000058AAg9YMD0APQSoAAAAAAA</p> <p>Contact: &lt;sip:020001@23.30.160.170:5060&gt;</p> <p>Session-Expires: 180;refresher=uac</p> <p>Content-Type: application/sdp</p> <p>Content-Length: 168</p> <p>v=0</p> <p>o=020001 1334603827 1 IN IP4 23.30.160.170</p> <p>s=Samsung IP PBX</p> <p>c=IN IP4 23.30.165.17</p> <p>t=0 0</p> <p>m=audio 20044 RTP/AVP 8</p> <p>a=rtpmap:8 PCMA/8000</p> <p>a=ptime:20</p> <p>a=sendrecv</p> <p>ACK sip:020001@23.30.160.170:5060 SIP/2.0</p> <p>From: &lt;sip:1000@www.scme30k.com&gt;;tag=97186c7a-Nca0-7247044</p> <p>To: &lt;sip:020001@www.scme30k.com&gt;;tag=5d12ee06-491e-4c26-978e-e8f735a44253</p> <p>Call-ID: AAg9YMD0APQSnwAAAAAAA-2c30-00007b</p> <p>CSeq: 1 ACK</p> <p>Via: SIP/2.0/UDP</p> <p>23.30.165.10:5060;branch=z9hG4bK0000000058AA5-8MD3APcSoAAAAAAA</p> <p>Max-Forwards: 70</p> <p>User-Agent: SAMSUNG-SMG-iBG2016/2.11.4.7</p> <p>Content-Length: 0</p> |



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| No.                 | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Trunk Incoming Call | <p>ACK sip:020001@23.30.165.17 SIP/2.0<br/> From: &lt;sip:1000@www.scme30k.com&gt;;tag=ec9c9068-ec39-4d9d-9893-5d3d2a52b486<br/> To: "Sandy"&lt;sip:020001@www.scme30k.com&gt;;tag=101a1588-11a51e17-13c4-50022-254e6c-66767dd3-254e6c<br/> Call-ID: cfd9894b-35d2-467b-831f-afc43959c4e7@www.scme30k.com<br/> CSeq: 1 ACK<br/> Via: SIP/2.0/UDP<br/> 23.30.160.170:5060;rport;branch=z9hG4bK-9297d-23ca113c-46bba827<br/> Max-Forwards: 70<br/> Contact: &lt;sip:1000@23.30.160.170:5060&gt;<br/> Content-Length: 0</p> <p>BYE sip:1000@23.30.160.170:5060 SIP/2.0<br/> From: "Sandy"&lt;sip:020001@www.scme30k.com&gt;;tag=101a1588-11a51e17-13c4-50022-254e6c-66767dd3-254e6c<br/> To: &lt;sip:1000@www.scme30k.com&gt;;tag=ec9c9068-ec39-4d9d-9893-5d3d2a52b486<br/> Call-ID: cfd9894b-35d2-467b-831f-afc43959c4e7@www.scme30k.com<br/> CSeq: 1 BYE<br/> Via: SIP/2.0/UDP<br/> 23.30.165.17:5060;rport=5060;branch=z9hG4bK-254e73-91ba73e0-7af3dc18<br/> Max-Forwards: 70<br/> Supported: timer,replaces<br/> User-Agent: SAMSUNG-SMT-i5220S/V01.52<br/> Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH<br/> Allow-Events: talk,hold<br/> Content-Length: 0</p> <p>SIP/2.0 200 OK<br/> From: "Sandy"&lt;sip:020001@www.scme30k.com&gt;;tag=101a1588-11a51e17-13c4-50022-254e6c-66767dd3-254e6c<br/> To: &lt;sip:1000@www.scme30k.com&gt;;tag=ec9c9068-ec39-4d9d-9893-5d3d2a52b486<br/> Call-ID: cfd9894b-35d2-467b-831f-afc43959c4e7@www.scme30k.com<br/> CSeq: 1 BYE</p> |

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| No.                 | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Trunk Incoming Call | <p>Via: SIP/2.0/UDP<br/>23.30.165.17:5060;rport=5060;branch=z9hG4bK-254e73-91ba73e0-7af3dc18<br/>Content-Length: 0</p> <p>BYE sip:1000@23.30.165.10:5060 SIP/2.0<br/>From: &lt;sip:020001@www.scme30k.com&gt;;tag=5d12ee06-491e-4c26-978e-e8f735a44253<br/>To: &lt;sip:1000@www.scme30k.com&gt;;tag=97186c7a-Nca0-7247044<br/>Call-ID: AAg9YMD0APQSnwAAAAAAA-2c30-00007b<br/>CSeq: 1 BYE</p> <p>Via: SIP/2.0/UDP<br/>23.30.160.170:5060;rport;branch=z9hG4bK-92981-23ca2278-1fa52d01<br/>Reason: Q.850 ;cause=16 ;text="Normal Release"<br/>Max-Forwards: 70<br/>Content-Length: 0</p> <p>SIP/2.0 200 OK<br/>From: &lt;sip:020001@www.scme30k.com&gt;;tag=5d12ee06-491e-4c26-978e-e8f735a44253<br/>To: &lt;sip:1000@www.scme30k.com&gt;;tag=97186c7a-Nca0-7247044<br/>Call-ID: AAg9YMD0APQSnwAAAAAAA-2c30-00007b<br/>CSeq: 1 BYE</p> <p>Via: SIP/2.0/UDP<br/>23.30.160.170:5060;rport;branch=z9hG4bK-92981-23ca2278-1fa52d01<br/>Contact: &lt;sip:1000@23.30.165.10:5060&gt;<br/>Server: SAMSUNG-SMG-iBG2016/2.11.4.7<br/>Content-Length: 0</p> |
| Absence             | <p>Absence</p>  <pre> sequenceDiagram     participant A as 23.30.165.21     participant B as 23.30.160.170     Note over A,B: (5060)     A-&gt;&gt;B: INVITE SDP 0     B--&gt;A: 100 Trying     A-&gt;&gt;B: 183 Session Progress SDP 0     B-&gt;&gt;A: SRTP (q711A)     B-&gt;&gt;A: SRTP (q711A)     A-&gt;&gt;B: 480 Temporarily Unavailable     B-&gt;&gt;A: ACK     </pre>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

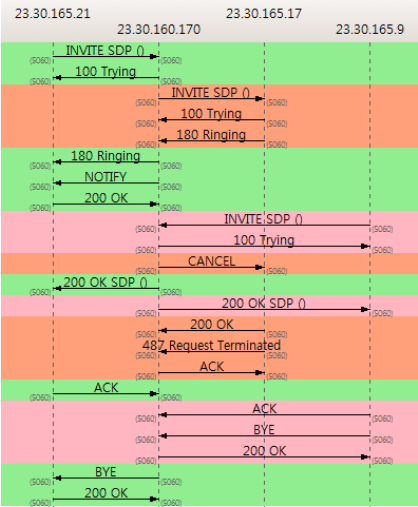
(Continued)

| No.     | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Absence | <p> INVITE sip:10003@www.scme30k.com SIP/2.0<br/> From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=570ff0-15a51e17-13c4-50022-1438c-59c9fa8c-1438c<br/> To: &lt;sip:10003@www.scme30k.com&gt;<br/> Call-ID: 579338-15a51e17-13c4-50022-1438c-40399a0e-1438c<br/> CSeq: 1 INVITE<br/> Via: SIP/2.0/UDP<br/> 23.30.165.21:5060;rport=5060;branch=z9hG4bK-1438c-4efdc7a-3a8194ee<br/> Max-Forwards: 70<br/> Supported: timer,replaces<br/> P-Preferred-Identity:<br/> "Michael"&lt;sip:010001@www.scme30k.com&gt;<br/> User-Agent: SAMSUNG-SMT-i5243/V01.38<br/> Contact: &lt;sip:010001@23.30.165.21&gt;<br/> Session-Expires: 1800;refresher=uas<br/> Min-SE: 90<br/> Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH<br/> Allow-Events: talk,hold<br/> Content-Type: application/sdp<br/> Content-Length: 508 </p> <p> v=0<br/> o=SAMSUNG_IP_PHONE 1334673246 0 IN IP4 23.30.165.21<br/> s=SAMSUNG_VOIP_CALL<br/> c=IN IP4 23.30.165.21<br/> t=0 0<br/> m=audio 20060 RTP/SAVP 8 0 18 9 102 101<br/> a=rtpmap:8 PCMA/8000<br/> a=rtpmap:0 PCMU/8000<br/> a=rtpmap:18 G729/8000<br/> a=rtpmap:9 G722/8000<br/> a=rtpmap:102 iLBC/8000<br/> a=rtpmap:101 telephone-event/8000<br/> a=fmtp:101 0-15<br/> a=ptime:20<br/> a=sendrecv<br/> a=crypto:1 AES_CM_128_HMAC_SHA1_80<br/> inline:e1N+TydrpGE5dNNO0DbuuQPcYkpuXL1PtJh2X1EC<br/> a=crypto:2 ARIA_CM_128_HMAC_SHA1_80<br/> inline:rLHimiR8Q3AqipTyKDr9Y/7RX+BuJpFuxuNoQJXX </p> |

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| No.     | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Absence | <p>SIP/2.0 100 Trying</p> <p>From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=570ff0-15a51e17-13c4-50022-1438c-59c9fa8c-1438c</p> <p>To: &lt;sip:10003@www.scme30k.com&gt;</p> <p>Call-ID: 579338-15a51e17-13c4-50022-1438c-40399a0e-1438c</p> <p>CSeq: 1 INVITE</p> <p>Via: SIP/2.0/UDP</p> <p>23.30.165.21:5060;rport=5060;branch=z9hG4bK-1438c-4efdc7a-3a8194ee</p> <p>Contact: &lt;sip:10003@www.scme30k.com&gt;</p> <p>Content-Length: 0</p><br><p>SIP/2.0 183 Session Progress</p> <p>From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=570ff0-15a51e17-13c4-50022-1438c-59c9fa8c-1438c</p> <p>To: &lt;sip:10003@www.scme30k.com&gt;;tag=6132a366-923e-4f6a-99eb-422104f04bed</p> <p>Call-ID: 579338-15a51e17-13c4-50022-1438c-40399a0e-1438c</p> <p>CSeq: 1 INVITE</p> <p>P-Asserted-Identity: "10003" &lt;sip:10003@www.scme30k.com&gt;</p> <p>Via: SIP/2.0/UDP</p> <p>23.30.165.21:5060;rport=5060;branch=z9hG4bK-1438c-4efdc7a-3a8194ee</p> <p>Contact: &lt;sip:10003@23.30.160.170:5060&gt;</p> <p>Content-Type: application/sdp</p> <p>Content-Length: 254</p><br><p>v=0</p> <p>o=10003 100054 100054 IN IP4 23.30.160.170</p> <p>s=Samsung IP PBX</p> <p>c=IN IP4 23.30.160.170</p> <p>t=0 0</p> <p>m=audio 35000 RTP/SAVP 8</p> <p>a=rtpmap:8 PCMA/8000</p> <p>a=ptime:20</p> <p>a=sendrecv</p> <p>a=crypto:1 AES_CM_128_HMAC_SHA1_80</p> <p>inline:hethonY+ggEY7GnU/FIJeQ/w/NrBez5GFfVBHeZH</p><br><p>SIP/2.0 480 Temporarily Unavailable</p> <p>From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=570ff0-15a51e17-13c4-50022-1438c-59c9fa8c-1438c</p> |

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| No.         | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Absence     | <p>To: &lt;sip:10003@www.scme30k.com&gt;;tag=6132a366-923e-4f6a-99eb-422104f04bed<br/> Call-ID: 579338-15a51e17-13c4-50022-1438c-40399a0e-1438c<br/> CSeq: 1 INVITE<br/> Reason: Q.850 ;cause=21 ;text="Call Rejected"<br/> Via: SIP/2.0/UDP<br/> 23.30.165.21:5060;rport=5060;branch=z9hG4bK-1438c-4efdc7a-3a8194ee<br/> Content-Length: 0</p> <p>ACK sip:10003@www.scme30k.com SIP/2.0<br/> From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=570ff0-15a51e17-13c4-50022-1438c-59c9fa8c-1438c<br/> To: &lt;sip:10003@www.scme30k.com&gt;;tag=6132a366-923e-4f6a-99eb-422104f04bed<br/> Call-ID: 579338-15a51e17-13c4-50022-1438c-40399a0e-1438c<br/> CSeq: 1 ACK<br/> Via: SIP/2.0/UDP 23.30.165.21:5060;rport;branch=z9hG4bK-1438c-4efdc7a-3a8194ee<br/> Max-Forwards: 70<br/> User-Agent: SAMSUNG-SMT-i5243/V01.38<br/> Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH<br/> Contact: &lt;sip:010001@23.30.165.21&gt;<br/> Allow-Events: talk,hold<br/> Content-Length: 0</p> |
| Call Pickup | <p>call pickup</p>  <pre> sequenceDiagram     participant A as 23.30.165.21     participant B as 23.30.160.170     participant C as 23.30.165.17     participant D as 23.30.165.9      A-&gt;&gt;B: INVITE SDP 0     B-&gt;&gt;A: 100 Trying     B-&gt;&gt;C: INVITE SDP 0     C-&gt;&gt;B: 100 Trying     C-&gt;&gt;D: 180 Ringing     D-&gt;&gt;C: 180 Ringing     C-&gt;&gt;A: NOTIFY     A-&gt;&gt;C: 200 OK     C-&gt;&gt;D: INVITE SDP 0     D-&gt;&gt;C: 100 Trying     C-&gt;&gt;B: CANCEL     B-&gt;&gt;C: 200 OK SDP 0     C-&gt;&gt;D: 200 OK SDP 0     D-&gt;&gt;C: 200 OK     C-&gt;&gt;A: 487 Request Terminated     A-&gt;&gt;C: ACK     C-&gt;&gt;D: ACK     D-&gt;&gt;C: BYE     C-&gt;&gt;A: 200 OK     </pre>                                                                                                                                                                                          |

(Continued)

| No.         | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Call Pickup | <p> INVITE sip:020001@www.scme30k.com SIP/2.0<br/> From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56d360-15a51e17-13c4-50022-14f1d-11e715cc-14f1d<br/> To: &lt;sip:020001@www.scme30k.com&gt;<br/> Call-ID: 574b58-15a51e17-13c4-50022-14f1d-36bf814e-14f1d<br/> CSeq: 1 INVITE<br/> Via: SIP/2.0/UDP<br/> 23.30.165.21:5060;rport=5060;branch=z9hG4bK-14f1d-51d0cd6-50b3af2e<br/> Max-Forwards: 70<br/> Supported: timer,replaces<br/> P-Preferred-Identity:<br/> "Michael"&lt;sip:010001@www.scme30k.com&gt;<br/> User-Agent: SAMSUNG-SMT-i5243/V01.38<br/> Contact: &lt;sip:010001@23.30.165.21&gt;<br/> Session-Expires: 1800;refresher=uas<br/> Min-SE: 90<br/> Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH<br/> Allow-Events: talk,hold<br/> Content-Type: application/sdp<br/> Content-Length: 925<br/><br/> v=0<br/> o=SAMSUNG_IP_PHONE 1334676208 0 IN IP4 23.30.165.21<br/> s=SAMSUNG_VOIP_CALL<br/> c=IN IP4 23.30.165.21<br/> t=0 0<br/> m=audio 20018 RTP/SAVP 8 0 18 9 102 101<br/> a=rtpmap:8 PCMA/8000<br/> a=rtpmap:0 PCMU/8000<br/> a=rtpmap:18 G729/8000<br/> a=rtpmap:9 G722/8000<br/> a=rtpmap:102 iLBC/8000<br/> a=rtpmap:101 telephone-event/8000<br/> a=fmtp:101 0-15<br/> a=ptime:20<br/> a=sendrecv<br/> a=crypto:1 AES_CM_128_HMAC_SHA1_80<br/> inline:ERSsF3jEGMVZDCsd+rwg7Mz1dSCiqMU7ldYbP2ir<br/> a=crypto:2 ARIA_CM_128_HMAC_SHA1_80<br/> inline:j2uzzePcBaYpXkGnX6AZh/i8avosF9TCzjqIq0kA </p> |

(Continued)

| No.         | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Call Pickup | <pre> m=video 25018 RTP/SAVP 34 98 99 a=rtpmap:34 H263/90000 a=rtpmap:98 MP4V-ES/90000 a=rtpmap:99 H264/90000 a=fmtp:34 CIF=2;QCIF=2 a=fmtp:98 profile-level-id=2 a=fmtp:99 profile-level-id=42800C;packetization-mode=0 a=framerate:15.0 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:gi6xvFEV1zW1BA5KIaw9uIay7H3vWJC40zfs35gp a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:XcGv8x9RpKM2o1RZ3ALtE6vYF2ESCqVv98/FbNOr  SIP/2.0 100 Trying From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56d360-15a51e17-13c4-50022-14f1d-11e715cc-14f1d To: &lt;sip:020001@www.scme30k.com&gt; Call-ID: 574b58-15a51e17-13c4-50022-14f1d-36bf814e-14f1d CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-14f1d-51d0cd6-50b3af2e Contact: &lt;sip:020001@www.scme30k.com&gt; Content-Length: 0  INVITE sip:020001@23.30.165.17 SIP/2.0 From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=e9428bfc-9fd0-437c-9ce6-0fcc71dfba5b To: "Sandy"&lt;sip:020001@www.scme30k.com&gt; Call-ID: 294a4f57-4568-494a-b097-3e3081ae78a0@www.scme30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a4438-281a7b79-6327fc33 P-Asserted-Identity: "Michael" &lt;sip:010001@www.scme30k.com&gt; Supported: replaces, timer Max-Forwards: 70 </pre> |

(Continued)

| No.         | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Call Pickup | <p>Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE,NOTIFY,UPDATE,PUBLISH</p> <p>Contact: &lt;sip:010001@23.30.160.170:5060&gt;</p> <p>Session-Expires: 1800;refresher=uac</p> <p>Min-SE: 90</p> <p>Content-Type: application/sdp</p> <p>Content-Length: 765</p> <p>v=0</p> <p>o=010001 1334676208 0 IN IP4 23.30.165.21</p> <p>s=Samsung IP PBX</p> <p>c=IN IP4 23.30.165.21</p> <p>t=0 0</p> <p>a=sendrecv</p> <p>m=audio 20018 RTP/SAVP 8</p> <p>a=rtpmap:8 PCMA/8000</p> <p>a=fmtp:101 0-15</p> <p>a=ptime:20</p> <p>a=sendrecv</p> <p>a=crypto:1 AES_CM_128_HMAC_SHA1_80</p> <p>inline:ERSsF3jEGMVZDCsd+rwg7MzldSCiqMU7ldYbP2ir</p> <p>a=crypto:2 ARIA_CM_128_HMAC_SHA1_80</p> <p>inline:j2uzzePcBaYpXkGnX6AZh/i8avosF9TCzjqIq0kA</p> <p>m=video 25018 RTP/SAVP 34 98 99</p> <p>a=rtpmap:34 H263/90000</p> <p>a=fmtp:34 CIF=2;QCIF=2</p> <p>a=rtpmap:98 MP4V-ES/90000</p> <p>a=fmtp:98 profile-level-id=2</p> <p>a=rtpmap:99 H264/90000</p> <p>a=fmtp:99 profile-level-id=42800C;packetization-mode=0</p> <p>a=sendrecv</p> <p>a=crypto:1 AES_CM_128_HMAC_SHA1_80</p> <p>inline:gi6xvFEVlzW1BA5KIaw9uIay7H3vWJC40zfs35gp</p> <p>a=crypto:2 ARIA_CM_128_HMAC_SHA1_80</p> <p>inline:XcGv8x9RpKM2o1RZ3ALtE6vYF2ESCqVv98/FbNOr</p> <p>SIP/2.0 100 Trying</p> <p>From:</p> <p>"Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=e9428bfc-9fd0-437c-9ce6-0fcc71dfba5b</p> <p>To: "Sandy"&lt;sip:020001@www.scme30k.com&gt;</p> <p>Call-ID: 294a4f57-4568-494a-b097-3e3081ae78a0@www.scme30k.com</p> |



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| No.         | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Call Pickup | <p> CSeq: 1 INVITE<br/> Via: SIP/2.0/UDP<br/> 23.30.160.170:5060;rport=5060;branch=z9hG4bK-a4438-281a7b79-6327fc33<br/> Supported: timer,replaces<br/> P-Preferred-Identity:<br/> "Sandy"&lt;sip:020001@www.scme30k.com&gt;<br/> Contact: &lt;sip:020001@23.30.165.17&gt;<br/> Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH<br/> Allow-Events: talk,hold<br/> Content-Length: 0 </p> <p> SIP/2.0 180 Ringing<br/> From:<br/> "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=e9428bfc-9fd0-437c-9ce6-0fcc71dfba5b<br/> To: "Sandy"&lt;sip:020001@www.scme30k.com&gt;;tag=101a0d90-11a51e17-13c4-50022-266935-7b40a802-266935<br/> Call-ID: 294a4f57-4568-494a-b097-3e3081ae78a0@www.scme30k.com<br/> CSeq: 1 INVITE<br/> Via: SIP/2.0/UDP<br/> 23.30.160.170:5060;rport=5060;branch=z9hG4bK-a4438-281a7b79-6327fc33<br/> Supported: timer,replaces<br/> P-Preferred-Identity:<br/> "Sandy"&lt;sip:020001@www.scme30k.com&gt;<br/> Contact: &lt;sip:020001@23.30.165.17&gt;<br/> Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH<br/> Allow-Events: talk,hold<br/> Content-Length: 0 </p> <p> SIP/2.0 180 Ringing<br/> From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56d360-15a51e17-13c4-50022-14f1d-11e715cc-14f1d<br/> To: &lt;sip:020001@www.scme30k.com&gt;;tag=a3d52e8b-7394-458d-9d30-a459c1f8bac3<br/> Call-ID: 574b58-15a51e17-13c4-50022-14f1d-36bf814e-14f1d<br/> CSeq: 1 INVITE </p> |

(Continued)

| No.         | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Call Pickup | <p>P-Asserted-Identity: "Sandy"<br/>&lt;sip:020001@www.scme30k.com&gt;<br/>Via: SIP/2.0/UDP<br/>23.30.165.21:5060;rport=5060;branch=z9hG4bK-14f1d-51d0cd6-50b3af2e<br/>Contact: &lt;sip:020001@23.30.160.170:5060&gt;<br/>Content-Length: 0</p> <p>NOTIFY sip:010001@23.30.165.21 SIP/2.0<br/>From: &lt;sip:020001@www.scme30k.com&gt;;tag=a3d52e8b-7394-458d-9d30-a459c1f8bac3<br/>To: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56d360-15a51e17-13c4-50022-14f1d-11e715cc-14f1d<br/>Call-ID: 574b58-15a51e17-13c4-50022-14f1d-36bf814e-14f1d<br/>CSeq: 1 NOTIFY<br/>Via: SIP/2.0/UDP<br/>23.30.160.170:5060;rport;branch=z9hG4bK-a4438-281a7cb7-d236855<br/>Event: scm-softmenu;version="SCMExpress_1.0.0";type=update-softmenu-volatile<br/>Max-Forwards: 70<br/>Contact: &lt;sip:020001@23.30.160.170:5060&gt;<br/>Content-Type: application/scm-profile+xml<br/>Content-Length: 198</p> <pre>&lt;?xml version="1.0"?&gt; &lt;scm-softmenu&gt;   &lt;temporary&gt;     &lt;charset&gt;euc-kr&lt;/charset&gt;     &lt;function idx="1" display="Call Back" attribute="spd" num="*161020001" enable="1"/&gt;   &lt;/temporary&gt; &lt;/scm-softmenu&gt;</pre> <p>SIP/2.0 200 OK<br/>From: &lt;sip:020001@www.scme30k.com&gt;;tag=a3d52e8b-7394-458d-9d30-a459c1f8bac3<br/>To: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56d360-15a51e17-13c4-50022-14f1d-11e715cc-14f1d<br/>Call-ID: 574b58-15a51e17-13c4-50022-14f1d-36bf814e-14f1d<br/>CSeq: 1 NOTIFY</p> |

(Continued)

| No.         | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Call Pickup | <p>Via: SIP/2.0/UDP<br/> 23.30.160.170:5060;rport=5060;branch=z9hG4bK-a4438-281a7cb7-d236855<br/> Supported: timer,replaces<br/> Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH<br/> Contact: &lt;sip:010001@23.30.165.21&gt;<br/> Allow-Events: talk,hold<br/> Content-Length: 0</p> <p>INVITE sip:%23%23@www.scme30k.com SIP/2.0<br/> From: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=10130128-9a51e17-13c4-50022-113727-13b5aab1-113727<br/> To: &lt;sip:%23%23@www.scme30k.com&gt;<br/> Call-ID: 1014c240-9a51e17-13c4-50022-113727-6d034adb-113727<br/> CSeq: 1 INVITE<br/> Via: SIP/2.0/UDP<br/> 23.30.165.9:5060;rport=5060;branch=z9hG4bK-113727-433f72ec-760801e6<br/> Max-Forwards: 70<br/> Supported: timer,replaces<br/> P-Preferred-Identity: "10003"&lt;sip:10003@www.scme30k.com&gt;<br/> User-Agent: SAMSUNG-SMT-i2205S/T01.58<br/> Contact: &lt;sip:10003@23.30.165.9&gt;<br/> Session-Expires: 1800;refresher=uas<br/> Min-SE: 90<br/> Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH<br/> Allow-Events: talk,hold<br/> Content-Type: application/sdp<br/> Content-Length: 478</p> <p>v=0<br/> o=SAMSUNG_IP_PHONE 1334676236 0 IN IP4 23.30.165.9<br/> s=SAMSUNG_VOIP_CALL<br/> c=IN IP4 23.30.165.9<br/> t=0 0<br/> m=audio 20116 RTP/SAVP 8 0 18 9 101<br/> a=rtpmap:8 PCMA/8000<br/> a=rtpmap:0 PCMU/8000<br/> a=rtpmap:18 G729/8000</p> |

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| No.         | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Call Pickup | <pre> a=rtpmap:9 G722/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:0M+iGYwaGeYeFWPq9e9K4SWjrGQlFGcY5a7LUO2o a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:+yU1xh2qUJEc2igy/3j0MRxoz0klp3DyhhyiVjI4  SIP/2.0 100 Trying From: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=10130128- 9a51e17-13c4-50022-113727-13b5aab1-113727 To: &lt;sip:%23%23@www.scme30k.com&gt; Call-ID: 1014c240-9a51e17-13c4-50022-113727-6d034adb- 113727 CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.165.9:5060;rport=5060;branch=z9hG4bK-113727- 433f72ec-760801e6 Contact: &lt;sip:%23%23@www.scme30k.com&gt; Content-Length: 0  CANCEL sip:020001@23.30.165.17 SIP/2.0 From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=e9428bfc-9fd0- 437c-9ce6-0fcc71dfba5b To: "Sandy"&lt;sip:020001@www.scme30k.com&gt; Call-ID: 294a4f57-4568-494a-b097- 3e3081ae78a0@www.scme30k.com CSeq: 1 CANCEL Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a4438-281a7b79- 6327fc33 Reason: SIP ;cause=200 ;text="Call completed elsewhere" Max-Forwards: 70 Content-Length: 0  SIP/2.0 200 OK From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56d360- 15a51e17-13c4-50022-14f1d-11e715cc-14f1d To: &lt;sip:020001@www.scme30k.com&gt;;tag=42f8f5ac-b927-4591- a9ed-a6164853789a </pre> |

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| No.         | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Call Pickup | <p> Call-ID: 574b58-15a51e17-13c4-50022-14f1d-36bf814e-14f1d<br/> CSeq: 1 INVITE<br/> Supported: replaces, timer<br/> P-Asserted-Identity: "10003" &lt;sip:10003@www.scme30k.com&gt;<br/> Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE,NOTIFY,UPDATE,PUBLISH<br/> Via: SIP/2.0/UDP<br/> 23.30.165.21:5060;rport=5060;branch=z9hG4bK-14f1d-51d0cd6-50b3af2e<br/> Contact: &lt;sip:10003@23.30.160.170:5060&gt;<br/> Session-Expires: 1800;refresher=uas<br/> Content-Type: application/sdp<br/> Content-Length: 280 </p> <p> v=0<br/> o=10003 1334676236 0 IN IP4 23.30.165.9<br/> s=Samsung IP PBX<br/> c=IN IP4 23.30.165.9<br/> t=0 0<br/> a=sendrecv<br/> m=audio 20116 RTP/SAVP 8<br/> a=rtpmap:8 PCMA/8000<br/> a=ptime:20<br/> a=sendrecv<br/> a=crypto:1 AES_CM_128_HMAC_SHA1_80<br/> inline:0M+iGYwaGeYeFWPq9e9K4SWjrGQlFGcY5a7LU02o<br/> m=video 0 RTP/AVP </p> <p> SIP/2.0 200 OK<br/> From: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=10130128-9a51e17-13c4-50022-113727-13b5aab1-113727<br/> To: &lt;sip:%23%23@www.scme30k.com&gt;;tag=58ab573a-1a91-42f0-alec-ff3f639f952e<br/> Call-ID: 1014c240-9a51e17-13c4-50022-113727-6d034adb-113727<br/> CSeq: 1 INVITE<br/> Supported: replaces, timer<br/> Reason: Control ;cause=200 ;text="020001 당겨받기"<br/> ; charset=euc-kr<br/> Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE,NOTIFY,UPDATE,PUBLISH </p> |

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| No.         | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Call Pickup | <p>P-Asserted-Identity: "Michael"<br/>&lt;sip:010001@www.scme30k.com&gt;<br/>Via: SIP/2.0/UDP<br/>23.30.165.9:5060;rport=5060;branch=z9hG4bK-113727-433f72ec-760801e6<br/>Contact: &lt;sip:010001@23.30.160.170:5060&gt;<br/>Session-Expires: 1800;refresher=uas<br/>Content-Type: application/sdp<br/>Content-Length: 264</p> <p>v=0<br/>o=010001 1334676208 0 IN IP4 23.30.165.21<br/>s=Samsung IP PBX<br/>c=IN IP4 23.30.165.21<br/>t=0 0<br/>a=sendrecv<br/>m=audio 20018 RTP/SAVP 8<br/>a=rtpmap:8 PCMA/8000<br/>a=ptime:20<br/>a=sendrecv<br/>a=crypto:1 AES_CM_128_HMAC_SHA1_80<br/>inline:ERSsF3jEGMVZDCsd+rwg7MzldSCiqMU7ldYbP2ir</p> <p>SIP/2.0 200 OK<br/>From:<br/>"Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=e9428bfc-9fd0-437c-9ce6-0fcc71dfba5b<br/>To: "Sandy"&lt;sip:020001@www.scme30k.com&gt;;tag=101a0d90-11a51e17-13c4-50022-266935-7b40a802-266935<br/>Call-ID: 294a4f57-4568-494a-b097-3e3081ae78a0@www.scme30k.com<br/>CSeq: 1 CANCEL<br/>Via: SIP/2.0/UDP<br/>23.30.160.170:5060;rport=5060;branch=z9hG4bK-a4438-281a7b79-6327fc33<br/>Supported: timer,replaces<br/>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH<br/>Allow-Events: talk,hold<br/>Content-Length: 0</p> |

(Continued)

| No.         | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Call Pickup | <p>SIP/2.0 487 Request Terminated</p> <p>From:</p> <p>"Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=e9428bfc-9fd0-437c-9ce6-0fcc71dfba5b</p> <p>To: "Sandy"&lt;sip:020001@www.scme30k.com&gt;;tag=101a0d90-11a51e17-13c4-50022-266935-7b40a802-266935</p> <p>Call-ID: 294a4f57-4568-494a-b097-3e3081ae78a0@www.scme30k.com</p> <p>CSeq: 1 INVITE</p> <p>Via: SIP/2.0/UDP</p> <p>23.30.160.170:5060;rport=5060;branch=z9hG4bK-a4438-281a7b79-6327fc33</p> <p>Supported: timer,replaces</p> <p>Reason: SIP ;cause=200</p> <p>P-Preferred-Identity:</p> <p>"Sandy"&lt;sip:020001@www.scme30k.com&gt;</p> <p>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH</p> <p>Allow-Events: talk,hold</p> <p>Content-Length: 0</p> <p>ACK sip:020001@23.30.165.17 SIP/2.0</p> <p>From:</p> <p>"Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=e9428bfc-9fd0-437c-9ce6-0fcc71dfba5b</p> <p>To: "Sandy"&lt;sip:020001@www.scme30k.com&gt;;tag=101a0d90-11a51e17-13c4-50022-266935-7b40a802-266935</p> <p>Call-ID: 294a4f57-4568-494a-b097-3e3081ae78a0@www.scme30k.com</p> <p>CSeq: 1 ACK</p> <p>Via: SIP/2.0/UDP</p> <p>23.30.160.170:5060;rport;branch=z9hG4bK-a4438-281a7b79-6327fc33</p> <p>Max-Forwards: 70</p> <p>Contact: &lt;sip:010001@23.30.160.170:5060&gt;</p> <p>Content-Length: 0</p> <p>ACK sip:10003@23.30.160.170:5060 SIP/2.0</p> <p>From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56d360-15a51e17-13c4-50022-14f1d-11e715cc-14f1d</p> <p>To: &lt;sip:020001@www.scme30k.com&gt;;tag=42f8f5ac-b927-4591-a9ed-a6164853789a</p> |

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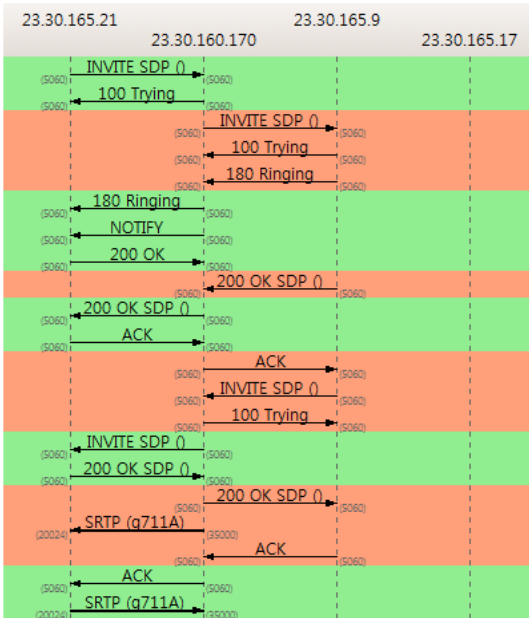
| No.         | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Call Pickup | <p>Call-ID: 574b58-15a51e17-13c4-50022-14f1d-36bf814e-14f1d<br/> CSeq: 1 ACK<br/> Via: SIP/2.0/UDP 23.30.165.21:5060;rport;branch=z9hG4bK-14f20-51d1762-39c1ebfb<br/> Max-Forwards: 70<br/> User-Agent: SAMSUNG-SMT-i5243/V01.38<br/> Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH<br/> Contact: &lt;sip:010001@23.30.165.21&gt;<br/> Allow-Events: talk,hold<br/> Content-Length: 0</p> <p>ACK sip:010001@23.30.160.170:5060 SIP/2.0<br/> From: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=10130128-9a51e17-13c4-50022-113727-13b5aab1-113727<br/> To: &lt;sip:%23%23@www.scme30k.com&gt;;tag=58ab573a-1a91-42f0-alec-ff3f639f952e<br/> Call-ID: 1014c240-9a51e17-13c4-50022-113727-6d034adb-113727<br/> CSeq: 1 ACK<br/> Via: SIP/2.0/UDP 23.30.165.9:5060;rport;branch=z9hG4bK-113727-433f7382-561d31e7<br/> Max-Forwards: 70<br/> User-Agent: SAMSUNG-SMT-i2205S/T01.58<br/> Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH<br/> Contact: &lt;sip:10003@23.30.165.9&gt;<br/> Allow-Events: talk,hold<br/> Content-Length: 0</p> <p>BYE sip:010001@23.30.160.170:5060 SIP/2.0<br/> From: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=10130128-9a51e17-13c4-50022-113727-13b5aab1-113727<br/> To: &lt;sip:%23%23@www.scme30k.com&gt;;tag=58ab573a-1a91-42f0-alec-ff3f639f952e<br/> Call-ID: 1014c240-9a51e17-13c4-50022-113727-6d034adb-113727<br/> CSeq: 2 BYE<br/> Via: SIP/2.0/UDP<br/> 23.30.165.9:5060;rport=5060;branch=z9hG4bK-11372c-433f850c-7a54f67d</p> |



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| No.         | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Call Pickup | <p>Max-Forwards: 70</p> <p>Supported: timer, replaces</p> <p>User-Agent: SAMSUNG-SMT-i2205S/T01.58</p> <p>Allow: INVITE, ACK, CANCEL, BYE, INFO, UPDATE, REFER, SUBSCRIBE, NOTIFY, PUBLISH</p> <p>Allow-Events: talk, hold</p> <p>Content-Length: 0</p><br><p>SIP/2.0 200 OK</p> <p>From: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=10130128-9a51e17-13c4-50022-113727-13b5aab1-113727</p> <p>To: &lt;sip:%23%23@www.scme30k.com&gt;;tag=58ab573a-1a91-42f0-a1ec-ff3f639f952e</p> <p>Call-ID: 1014c240-9a51e17-13c4-50022-113727-6d034adb-113727</p> <p>CSeq: 2 BYE</p> <p>Via: SIP/2.0/UDP</p> <p>23.30.165.9:5060;rport=5060;branch=z9hG4bK-11372c-433f850c-7a54f67d</p> <p>Content-Length: 0</p><br><p>BYE sip:010001@23.30.165.21 SIP/2.0</p> <p>From: &lt;sip:020001@www.scme30k.com&gt;;tag=42f8f5ac-b927-4591-a9ed-a6164853789a</p> <p>To: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56d360-15a51e17-13c4-50022-14f1d-11e715cc-14f1d</p> <p>Call-ID: 574b58-15a51e17-13c4-50022-14f1d-36bf814e-14f1d</p> <p>CSeq: 2 BYE</p> <p>Via: SIP/2.0/UDP</p> <p>23.30.160.170:5060;rport;branch=z9hG4bK-a443f-281a97de-22daf834</p> <p>Reason: Q.850 ;cause=16 ;text="Normal Release"</p> <p>Max-Forwards: 70</p> <p>Content-Length: 0</p><br><p>SIP/2.0 200 OK</p> <p>From: &lt;sip:020001@www.scme30k.com&gt;;tag=42f8f5ac-b927-4591-a9ed-a6164853789a</p> <p>To: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56d360-15a51e17-13c4-50022-14f1d-11e715cc-14f1d</p> <p>Call-ID: 574b58-15a51e17-13c4-50022-14f1d-36bf814e-14f1d</p> <p>CSeq: 2 BYE</p> |

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| No.                 | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Call Pickup         | <p>Via: SIP/2.0/UDP<br/>23.30.160.170:5060;rport=5060;branch=z9hG4bK-a443f-281a97de-22daf834</p> <p>Supported: timer,replaces</p> <p>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH</p> <p>Allow-Events: talk,hold</p> <p>Content-Length: 0</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Call Transfer-blind | <p>call transfer-blind</p>  <pre> sequenceDiagram     participant A as 23.30.165.21     participant B as 23.30.160.170     participant C as 23.30.165.9     participant D as 23.30.165.17      A-&gt;&gt;B: INVITE SDP ()     B--&gt;A: 100 Trying     B-&gt;&gt;C: INVITE SDP ()     C--&gt;B: 100 Trying     C-&gt;&gt;D: 180 Ringing     D--&gt;C: 180 Ringing     D-&gt;&gt;B: NOTIFY     B--&gt;D: 200 OK     B-&gt;&gt;C: 200 OK SDP ()     C--&gt;B: 200 OK SDP ()     B-&gt;&gt;A: ACK     A--&gt;B: ACK     B-&gt;&gt;C: INVITE SDP ()     C--&gt;B: 100 Trying     C-&gt;&gt;D: 200 OK SDP ()     D--&gt;C: 200 OK SDP ()     D-&gt;&gt;B: ACK     B--&gt;D: ACK     B-&gt;&gt;A: SRTP (q711A)     A--&gt;B: SRTP (q711A)     B-&gt;&gt;C: SRTP (q711A)     C--&gt;B: SRTP (q711A)     </pre> |

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| No.                 | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Call Transfer-blind | <div><pre>sequenceDiagram     participant SIP1 as (SIP:10003)     participant SIP2 as (SIP:010001)     participant SIP3 as (SIP:010001)      SIP1-&gt;&gt;SIP2: INVITE SDP ()     SIP2-&gt;&gt;SIP1: 100 Trying     SIP1-&gt;&gt;SIP2: INVITE SDP ()     SIP2-&gt;&gt;SIP1: 100 Trying     SIP1-&gt;&gt;SIP2: 180 Ringing     SIP2-&gt;&gt;SIP1: 180 Ringing     SIP1-&gt;&gt;SIP2: NOTIFY     SIP2-&gt;&gt;SIP1: 200 OK     SIP1-&gt;&gt;SIP2: REFER     SIP2-&gt;&gt;SIP1: 487 Request Terminated     SIP1-&gt;&gt;SIP2: 202 Accepted     SIP2-&gt;&gt;SIP1: BYE     SIP1-&gt;&gt;SIP2: INFO     SIP2-&gt;&gt;SIP1: INFO     SIP1-&gt;&gt;SIP2: INVITE SDP ()     SIP2-&gt;&gt;SIP1: 200 OK SDP ()     SIP1-&gt;&gt;SIP2: SRTP (q711A)     SIP2-&gt;&gt;SIP1: 200 OK     SIP1-&gt;&gt;SIP2: SRTP (q711A)     SIP2-&gt;&gt;SIP1: 200 OK     SIP1-&gt;&gt;SIP2: BYE     SIP2-&gt;&gt;SIP1: 200 OK     SIP1-&gt;&gt;SIP2: 200 OK SDP ()     SIP2-&gt;&gt;SIP1: 200 OK SDP ()     SIP1-&gt;&gt;SIP2: INVITE     SIP2-&gt;&gt;SIP1: 200 OK SDP ()     SIP1-&gt;&gt;SIP2: INVITE SDP ()     SIP2-&gt;&gt;SIP1: 200 OK SDP ()     SIP1-&gt;&gt;SIP2: ACK SDP ()     SIP2-&gt;&gt;SIP1: ACK     SIP1-&gt;&gt;SIP2: BYE     SIP2-&gt;&gt;SIP1: 200 OK     SIP1-&gt;&gt;SIP2: BYE     SIP2-&gt;&gt;SIP1: 200 OK</pre></div> <p>INVITE sip:10003@www.scme30k.com SIP/2.0<br/>From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56e350-15a51e17-13c4-50022-15075-4705418d-15075<br/>To: &lt;sip:10003@www.scme30k.com&gt;<br/>Call-ID: 574f18-15a51e17-13c4-50022-15075-374cc2ff-15075<br/>CSeq: 1 INVITE<br/>Via: SIP/2.0/UDP<br/>23.30.165.21:5060;rport=5060;branch=z9hG4bK-15075-5224c96-78271e5b<br/>Max-Forwards: 70<br/>Supported: timer,replaces<br/>P-Preferred-Identity:<br/>"Michael"&lt;sip:010001@www.scme30k.com&gt;<br/>User-Agent: SAMSUNG-SMT-i5243/V01.38<br/>Contact: &lt;sip:010001@23.30.165.21&gt;<br/>Session-Expires: 1800;refresher=uas</p> |

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| No.                 | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
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| Call Transfer-blind | Min-SE: 90<br>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,<br>SUBSCRIBE,NOTIFY,PUBLISH<br>Allow-Events: talk,hold<br>Content-Type: application/sdp<br>Content-Length: 925<br><br>v=0<br>o=SAMSUNG_IP_PHONE 1334676552 0 IN IP4 23.30.165.21<br>s=SAMSUNG_VOIP_CALL<br>c=IN IP4 23.30.165.21<br>t=0 0<br>m=audio 20022 RTP/SAVP 8 0 18 9 102 101<br>a=rtpmap:8 PCMA/8000<br>a=rtpmap:0 PCMU/8000<br>a=rtpmap:18 G729/8000<br>a=rtpmap:9 G722/8000<br>a=rtpmap:102 iLBC/8000<br>a=rtpmap:101 telephone-event/8000<br>a=fmtp:101 0-15<br>a=ptime:20<br>a=sendrecv<br>a=crypto:1 AES_CM_128_HMAC_SHA1_80<br>inline:jh+3w1iXlbRlA3SY6x492rPAZh84b2eY+YW5/jgx<br>a=crypto:2 ARIA_CM_128_HMAC_SHA1_80<br>inline:ToJOJEQ8pNWcb4jWjx86pYrVn5mpvDm7Hh79ZaIi<br>m=video 25022 RTP/SAVP 34 98 99<br>a=rtpmap:34 H263/90000<br>a=rtpmap:98 MP4V-ES/90000<br>a=rtpmap:99 H264/90000<br>a=fmtp:34 CIF=2;QCIF=2<br>a=fmtp:98 profile-level-id=2<br>a=fmtp:99 profile-level-id=42800C;packetization-mode=0<br>a=framerate:15.0<br>a=sendrecv<br>a=crypto:1 AES_CM_128_HMAC_SHA1_80<br>inline:m+tIkosOIT6C7cBGSozj7Ep9s57GLceWAoU1CoX3<br>a=crypto:2 ARIA_CM_128_HMAC_SHA1_80<br>inline:fNBsOjW0bFAwUSRxr4b0C+iQ2jnVHIFm02b9jXwR |

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| No.                 | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Call Transfer-blind | <p>SIP/2.0 100 Trying</p> <p>From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56e350-15a51e17-13c4-50022-15075-4705418d-15075</p> <p>To: &lt;sip:10003@www.scme30k.com&gt;</p> <p>Call-ID: 574f18-15a51e17-13c4-50022-15075-374cc2ff-15075</p> <p>CSeq: 1 INVITE</p> <p>Via: SIP/2.0/UDP</p> <p>23.30.165.21:5060;rport=5060;branch=z9hG4bK-15075-5224c96-78271e5b</p> <p>Contact: &lt;sip:10003@www.scme30k.com&gt;</p> <p>Content-Length: 0</p> <p>INVITE sip:10003@23.30.165.9 SIP/2.0</p> <p>From:</p> <p>"Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=b633cd7c-922e-4ce8-98d6-c16a53bfa279</p> <p>To: "10003"&lt;sip:10003@www.scme30k.com&gt;</p> <p>Call-ID: f1236382-f2a0-4137-93b5-80d5aa3f4557@www.scme30k.com</p> <p>CSeq: 1 INVITE</p> <p>Via: SIP/2.0/UDP</p> <p>23.30.160.170:5060;rport;branch=z9hG4bK-a4590-281fbb0b-4fae0ad4</p> <p>P-Asserted-Identity: "Michael"</p> <p>&lt;sip:010001@www.scme30k.com&gt;</p> <p>Supported: replaces, timer</p> <p>Max-Forwards: 70</p> <p>Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE,NOTIFY,UPDATE,PUBLISH</p> <p>Contact: &lt;sip:010001@23.30.160.170:5060&gt;</p> <p>Session-Expires: 1800;refresher=uac</p> <p>Min-SE: 90</p> <p>Content-Type: application/sdp</p> <p>Content-Length: 765</p> <p>v=0</p> <p>o=010001 1334676552 0 IN IP4 23.30.165.21</p> <p>s=Samsung IP PBX</p> <p>c=IN IP4 23.30.165.21</p> <p>t=0 0</p> <p>a=sendrecv</p> <p>m=audio 20022 RTP/SAVP 8</p> |

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| No.                 | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Call Transfer-blind | <pre> a=rtpmap:8 PCMA/8000 a=fmtp:101 0-15 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:jh+3w1iXlbRlA3SY6x492rPAZh84b2eY+YW5/jgx a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:ToJOJEQ8pNWcb4jWjx86pYrVn5mpvDm7Hh79ZaIi m=video 25022 RTP/SAVP 34 98 99 a=rtpmap:34 H263/90000 a=fmtp:34 CIF=2;QCIF=2 a=rtpmap:98 MP4V-ES/90000 a=fmtp:98 profile-level-id=2 a=rtpmap:99 H264/90000 a=fmtp:99 profile-level-id=42800C;packetization-mode=0 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:m+tIkosOIT6C7cBGSozj7Ep9s57GLceWAoU1CoX3 a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:fNBsOjW0bFAwUSRxr4b0C+iQ2jnVHIFm02b9jXwR  SIP/2.0 100 Trying From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=b633cd7c-922e- 4ce8-98d6-c16a53bfa279 To: "10003"&lt;sip:10003@www.scme30k.com&gt; Call-ID: f1236382-f2a0-4137-93b5- 80d5aa3f4557@www.scme30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-a4590- 281fbb0b-4fae0ad4 Supported: timer,replaces P-Preferred-Identity: "10003"&lt;sip:10003@www.scme30k.com&gt; Contact: &lt;sip:10003@23.30.165.9&gt; Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Length: 0 </pre> |

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| No.                 | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Call Transfer-blind | <p>SIP/2.0 180 Ringing</p> <p>From:</p> <p>"Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=b633cd7c-922e-4ce8-98d6-c16a53bfa279</p> <p>To: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=10132dc8-9a51e17-13c4-50022-11387d-4b2fb656-11387d</p> <p>Call-ID: f1236382-f2a0-4137-93b5-80d5aa3f4557@www.scme30k.com</p> <p>CSeq: 1 INVITE</p> <p>Via: SIP/2.0/UDP</p> <p>23.30.160.170:5060;rport=5060;branch=z9hG4bK-a4590-281fbb0b-4fae0ad4</p> <p>Supported: timer,replaces</p> <p>P-Preferred-Identity: "10003"&lt;sip:10003@www.scme30k.com&gt;</p> <p>Contact: &lt;sip:10003@23.30.165.9&gt;</p> <p>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH</p> <p>Allow-Events: talk,hold</p> <p>Content-Length: 0</p><br><p>SIP/2.0 180 Ringing</p> <p>From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56e350-15a51e17-13c4-50022-15075-4705418d-15075</p> <p>To: &lt;sip:10003@www.scme30k.com&gt;;tag=bbc22195-ab7d-4440-b6f9-73b158d8c339</p> <p>Call-ID: 574f18-15a51e17-13c4-50022-15075-374cc2ff-15075</p> <p>CSeq: 1 INVITE</p> <p>P-Asserted-Identity: "10003" &lt;sip:10003@www.scme30k.com&gt;</p> <p>Via: SIP/2.0/UDP</p> <p>23.30.165.21:5060;rport=5060;branch=z9hG4bK-15075-5224c96-78271e5b</p> <p>Contact: &lt;sip:10003@23.30.160.170:5060&gt;</p> <p>Content-Length: 0</p><br><p>NOTIFY sip:010001@23.30.165.21 SIP/2.0</p> <p>From: &lt;sip:10003@www.scme30k.com&gt;;tag=bbc22195-ab7d-4440-b6f9-73b158d8c339</p> <p>To: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56e350-15a51e17-13c4-50022-15075-4705418d-15075</p> <p>Call-ID: 574f18-15a51e17-13c4-50022-15075-374cc2ff-15075</p> <p>CSeq: 1 NOTIFY</p> |

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| No.                 | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Call Transfer-blind | <p>Via: SIP/2.0/UDP<br/>23.30.160.170:5060;rport;branch=z9hG4bK-a4590-281fbc56-5d1bb1b2<br/>Event: scm-softmenu;version="SCMExpress_1.0.0";type=update-softmenu-volatile<br/>Max-Forwards: 70<br/>Contact: &lt;sip:10003@23.30.160.170:5060&gt;<br/>Content-Type: application/scm-profile+xml<br/>Content-Length: 197</p> <pre>&lt;?xml version="1.0"?&gt; &lt;scm-softmenu&gt;   &lt;temporary&gt;     &lt;charset&gt;euc-kr&lt;/charset&gt;     &lt;function idx="1" display="Call Back" attribute="spd" num="*16110003" enable="1"/&gt;   &lt;/temporary&gt; &lt;/scm-softmenu&gt;</pre> <p>SIP/2.0 200 OK<br/>From: &lt;sip:10003@www.scme30k.com&gt;;tag=bbc22195-ab7d-4440-b6f9-73b158d8c339<br/>To: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56e350-15a51e17-13c4-50022-15075-4705418d-15075<br/>Call-ID: 574f18-15a51e17-13c4-50022-15075-374cc2ff-15075<br/>CSeq: 1 NOTIFY<br/>Via: SIP/2.0/UDP<br/>23.30.160.170:5060;rport=5060;branch=z9hG4bK-a4590-281fbc56-5d1bb1b2<br/>Supported: timer,replaces<br/>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH<br/>Contact: &lt;sip:010001@23.30.165.21&gt;<br/>Allow-Events: talk,hold<br/>Content-Length: 0</p> <p>SIP/2.0 200 OK<br/>From:<br/>"Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=b633cd7c-922e-4ce8-98d6-c16a53bfa279</p> |



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| No.                 | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Call Transfer-blind | <p>To: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=10132dc8-9a51e17-13c4-50022-11387d-4b2fb656-11387d<br/> Call-ID: f1236382-f2a0-4137-93b5-80d5aa3f4557@www.scme30k.com<br/> CSeq: 1 INVITE<br/> Via: SIP/2.0/UDP<br/> 23.30.160.170:5060;rport=5060;branch=z9hG4bK-a4590-281fbb0b-4fae0ad4<br/> Supported: timer,replaces<br/> Require: timer<br/> P-Preferred-Identity: "10003"&lt;sip:10003@www.scme30k.com&gt;<br/> Contact: &lt;sip:10003@23.30.165.9&gt;<br/> Session-Expires: 1800;refresher=uac<br/> Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH<br/> Allow-Events: talk,hold<br/> Content-Type: application/sdp<br/> Content-Length: 292</p> <p>v=0<br/> o=SAMSUNG_IP_PHONE 1334676578 1 IN IP4 23.30.165.9<br/> s=SAMSUNG_VOIP_CALL<br/> c=IN IP4 23.30.165.9<br/> t=0 0<br/> m=audio 20118 RTP/SAVP 8<br/> a=rtpmap:8 PCMA/8000<br/> a=ptime:20<br/> a=sendrecv<br/> a=crypto:1 AES_CM_128_HMAC_SHA1_80<br/> inline:EneCeC3x9Kzfdia6I2F/4HT5eANrd+u4pD7NnTf1<br/> m=video 0 RTP/SAVP 34 98 99</p> <p>SIP/2.0 200 OK<br/> From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56e350-15a51e17-13c4-50022-15075-4705418d-15075<br/> To: &lt;sip:10003@www.scme30k.com&gt;;tag=bbc22195-ab7d-4440-b6f9-73b158d8c339<br/> Call-ID: 574f18-15a51e17-13c4-50022-15075-374cc2ff-15075<br/> CSeq: 1 INVITE<br/> Supported: replaces, timer<br/> P-Asserted-Identity: "10003" &lt;sip:10003@www.scme30k.com&gt;</p> |

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| No.                 | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Call Transfer-blind | <p>Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE,NOTIFY,UPDATE,PUBLISH</p> <p>Via: SIP/2.0/UDP<br/>23.30.165.21:5060;rport=5060;branch=z9hG4bK-15075-5224c96-78271e5b</p> <p>Contact: &lt;sip:10003@23.30.160.170:5060&gt;</p> <p>Session-Expires: 1800;refresher=uas</p> <p>Content-Type: application/sdp</p> <p>Content-Length: 280</p><br><p>v=0</p> <p>o=10003 1334676578 1 IN IP4 23.30.160.170</p> <p>s=Samsung IP PBX</p> <p>c=IN IP4 23.30.165.9</p> <p>t=0 0</p> <p>m=audio 20118 RTP/SAVP 8</p> <p>a=rtpmap:8 PCMA/8000</p> <p>a=ptime:20</p> <p>a=sendrecv</p> <p>a=crypto:1 AES_CM_128_HMAC_SHA1_80</p> <p>inline:EneCeC3x9Kzfdia6I2F/4HT5eANrd+u4pD7NnTf1</p> <p>m=video 0 RTP/SAVP 34 98 99</p><br><p>ACK sip:10003@23.30.160.170:5060 SIP/2.0</p> <p>From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56e350-15a51e17-13c4-50022-15075-4705418d-15075</p> <p>To: &lt;sip:10003@www.scme30k.com&gt;;tag=bbc22195-ab7d-4440-b6f9-73b158d8c339</p> <p>Call-ID: 574f18-15a51e17-13c4-50022-15075-374cc2ff-15075</p> <p>CSeq: 1 ACK</p> <p>Via: SIP/2.0/UDP 23.30.165.21:5060;rport;branch=z9hG4bK-15077-522548e-709242e6</p> <p>Max-Forwards: 70</p> <p>User-Agent: SAMSUNG-SMT-i5243/V01.38</p> <p>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH</p> <p>Contact: &lt;sip:010001@23.30.165.21&gt;</p> <p>Allow-Events: talk,hold</p> <p>Content-Length: 0</p> |

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| No.                 | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Call Transfer-blind | <p>ACK sip:10003@23.30.165.9 SIP/2.0</p> <p>From:</p> <p>"Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=b633cd7c-922e-4ce8-98d6-c16a53bfa279</p> <p>To: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=10132dc8-9a51e17-13c4-50022-11387d-4b2fb656-11387d</p> <p>Call-ID: f1236382-f2a0-4137-93b5-80d5aa3f4557@www.scme30k.com</p> <p>CSeq: 1 ACK</p> <p>Via: SIP/2.0/UDP</p> <p>23.30.160.170:5060;rport;branch=z9hG4bK-a4592-281fc2f8-48f28979</p> <p>Max-Forwards: 70</p> <p>Contact: &lt;sip:010001@23.30.160.170:5060&gt;</p> <p>Content-Length: 0</p> <p>INVITE sip:010001@23.30.160.170:5060 SIP/2.0</p> <p>From: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=10132dc8-9a51e17-13c4-50022-11387d-4b2fb656-11387d</p> <p>To: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=b633cd7c-922e-4ce8-98d6-c16a53bfa279</p> <p>Call-ID: f1236382-f2a0-4137-93b5-80d5aa3f4557@www.scme30k.com</p> <p>CSeq: 1 INVITE</p> <p>Via: SIP/2.0/UDP</p> <p>23.30.165.9:5060;rport=5060;branch=z9hG4bK-113886-4344ce36-45d99354</p> <p>P-Sec-Event: scm-csta;type="transfer"</p> <p>Max-Forwards: 70</p> <p>Supported: timer,replaces</p> <p>P-Preferred-Identity: "10003"&lt;sip:10003@www.scme30k.com&gt;</p> <p>User-Agent: SAMSUNG-SMT-i2205S/T01.58</p> <p>Contact: &lt;sip:10003@23.30.165.9&gt;</p> <p>Session-Expires: 1800;refresher=uac</p> <p>Min-SE: 90</p> <p>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH</p> <p>Allow-Events: talk,hold</p> <p>Content-Type: application/sdp</p> <p>Content-Length: 422</p> |

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| No.                 | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Call Transfer-blind | v=0<br>o=SAMSUNG_IP_PHONE 1334676578 2 IN IP4 23.30.165.9<br>s=SAMSUNG_VOIP_CALL<br>c=IN IP4 23.30.165.9<br>t=0 0<br>m=audio 20120 RTP/SAVP 8 0 18 9<br>a=rtpmap:8 PCMA/8000<br>a=rtpmap:0 PCMU/8000<br>a=rtpmap:18 G729/8000<br>a=rtpmap:9 G722/8000<br>a=ptime:20<br>a=inactive<br>a=crypto:1 AES_CM_128_HMAC_SHA1_80<br>inline:EneCeC3x9Kzfdia6I2F/4HT5eANrd+u4pD7NnTf1<br>a=crypto:2 ARIA_CM_128_HMAC_SHA1_80<br>inline:vbhsy5/5rqFmuvQqX8sIjdTg/jb6SgIqP5pzv/48<br><br>SIP/2.0 100 Trying<br>From: "10003"<sip:10003@www.scme30k.com>;tag=10132dc8-9a51e17-13c4-50022-11387d-4b2fb656-11387d<br>To: "Michael"<sip:010001@www.scme30k.com>;tag=b633cd7c-922e-4ce8-98d6-cl6a53bfa279<br>Call-ID: f1236382-f2a0-4137-93b5-80d5aa3f4557@www.scme30k.com<br>CSeq: 1 INVITE<br>Via: SIP/2.0/UDP<br>23.30.165.9:5060;rport=5060;branch=z9hG4bK-113886-4344ce36-45d99354<br>Contact: <sip:010001@23.30.160.170:5060><br>Content-Length: 0<br><br>INVITE sip:010001@23.30.165.21 SIP/2.0<br>From: <sip:10003@www.scme30k.com>;tag=bbc22195-ab7d-4440-b6f9-73b158d8c339<br>To: "Michael"<sip:010001@www.scme30k.com>;tag=56e350-15a51e17-13c4-50022-15075-4705418d-15075<br>Call-ID: 574f18-15a51e17-13c4-50022-15075-374cc2ff-15075<br>CSeq: 2 INVITE<br>Via: SIP/2.0/UDP<br>23.30.160.170:5060;rport;branch=z9hG4bK-a4599-281fe0e1-e574b6d |

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| No.                 | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Call Transfer-blind | <p>Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE,NOTIFY,UPDATE,PUBLISH</p> <p>P-Asserted-Identity: "10003" &lt;sip:10003@www.scme30k.com&gt;</p> <p>Supported: replaces, timer</p> <p>Max-Forwards: 70</p> <p>Contact: &lt;sip:10003@23.30.160.170:5060&gt;</p> <p>Session-Expires: 1800;refresher=uac</p> <p>Min-SE: 90</p> <p>Content-Type: application/sdp</p> <p>Content-Length: 486</p> <p>v=0</p> <p>o=10003 100078 100078 IN IP4 23.30.160.170</p> <p>s=Samsung IP PBX</p> <p>c=IN IP4 23.30.160.170</p> <p>t=0 0</p> <p>m=audio 35000 RTP/SAVP 8 18 0</p> <p>a=rtpmap:8 PCMA/8000</p> <p>a=rtpmap:18 G729/8000</p> <p>a=rtpmap:0 PCMU/8000</p> <p>a=ptime:20</p> <p>a=sendonly</p> <p>a=crypto:1 AES_CM_128_HMAC_SHA1_80</p> <p>inline:suj4lzLFmywIAIABwf/Vo+pYtDunjTVoxrI/sCAc</p> <p>a=crypto:2 ARIA_CM_128_HMAC_SHA1_80</p> <p>inline:suj4lzLFmywIAIABwf/Vo+pYtDunjTVoxrI/sCAc</p> <p>a=crypto:3 ARIA_CM_192_HMAC_SHA1_80</p> <p>inline:suj4lzLFmywIAIABwf/Vo+pYtDunjTVoxrI/sCAc</p> <p>LA=</p> <p>SIP/2.0 200 OK</p> <p>From: &lt;sip:10003@www.scme30k.com&gt;;tag=bbc22195-ab7d-4440-b6f9-73b158d8c339</p> <p>To: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56e350-15a51e17-13c4-50022-15075-4705418d-15075</p> <p>Call-ID: 574f18-15a51e17-13c4-50022-15075-374cc2ff-15075</p> <p>CSeq: 2 INVITE</p> <p>Via: SIP/2.0/UDP</p> <p>23.30.160.170:5060;rport=5060;branch=z9hG4bK-a4599-281fe0e1-e574b6d</p> <p>Supported: timer,replaces</p> <p>Require: timer</p> |

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| No.                 | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Call Transfer-blind | <p>P-Preferred-Identity:<br/> "Michael"&lt;sip:010001@www.scme30k.com&gt;<br/> Contact: &lt;sip:010001@23.30.165.21&gt;<br/> Session-Expires: 1800;refresher=uac<br/> Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,<br/> SUBSCRIBE,NOTIFY,PUBLISH<br/> Allow-Events: talk,hold<br/> Content-Type: application/sdp<br/> Content-Length: 265</p> <p>v=0<br/> o=SAMSUNG_IP_PHONE 1334676552 1 IN IP4 23.30.165.21<br/> s=SAMSUNG_VOIP_CALL<br/> c=IN IP4 23.30.165.21<br/> t=0 0<br/> m=audio 20024 RTP/SAVP 8<br/> a=rtpmap:8 PCMA/8000<br/> a=ptime:20<br/> a=recvonly<br/> a=crypto:1 AES_CM_128_HMAC_SHA1_80<br/> inline:jh+3w1iXlbRlA3SY6x492rPAZh84b2eY+YW5/jgx</p> <p>SIP/2.0 200 OK<br/> From: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=10132dc8-<br/> 9a51e17-13c4-50022-11387d-4b2fb656-11387d<br/> To: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=b633cd7c-<br/> 922e-4ce8-98d6-c16a53bfa279<br/> Call-ID: f1236382-f2a0-4137-93b5-<br/> 80d5aa3f4557@www.scme30k.com<br/> CSeq: 1 INVITE<br/> Supported: replaces, timer<br/> P-Asserted-Identity: "Michael"<br/> &lt;sip:010001@www.scme30k.com&gt;<br/> Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE,<br/> NOTIFY,UPDATE,PUBLISH<br/> Via: SIP/2.0/UDP<br/> 23.30.165.9:5060;rport=5060;branch=z9hG4bK-113886-<br/> 4344ce36-45d99354<br/> Contact: &lt;sip:010001@23.30.160.170:5060&gt;<br/> Require: timer<br/> Session-Expires: 1800;refresher=uac<br/> Content-Type: application/sdp<br/> Content-Length: 264</p> |

(Continued)

| No.                 | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Call Transfer-blind | <pre> v=0 o=010001 1334676552 1 IN IP4 23.30.165.21 s=Samsung IP PBX c=IN IP4 23.30.165.21 t=0 0 a=inactive m=audio 20024 RTP/SAVP 8 a=rtpmap:8 PCMA/8000 a=ptime:20 a=inactive a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:jh+3wliXlbRlA3SY6x492rPAZh84b2eY+YW5/jgx  ACK sip:010001@23.30.160.170:5060 SIP/2.0 From: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=10132dc8- 9a51e17-13c4-50022-11387d-4b2fb656-11387d To: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=b633cd7c- 922e-4ce8-98d6-c16a53bfa279 Call-ID: f1236382-f2a0-4137-93b5- 80d5aa3f4557@www.scme30k.com CSeq: 1 ACK Via: SIP/2.0/UDP 23.30.165.9:5060;rport;branch=z9hG4bK- 113886-4344ceae-2ecbccad Max-Forwards: 70 User-Agent: SAMSUNG-SMT-i2205S/T01.58 Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Contact: &lt;sip:10003@23.30.165.9&gt; Allow-Events: talk,hold Content-Length: 0  ACK sip:010001@23.30.165.21 SIP/2.0 From: &lt;sip:10003@www.scme30k.com&gt;;tag=bbc22195-ab7d- 4440-b6f9-73b158d8c339 To: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56e350- 15a51e17-13c4-50022-15075-4705418d-15075 Call-ID: 574f18-15a51e17-13c4-50022-15075-374cc2ff-15075 CSeq: 2 ACK Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a4599-281fe14c- 2716525a Max-Forwards: 70 Contact: &lt;sip:10003@23.30.160.170:5060&gt; Content-Length: 0 </pre> |

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| No.                 | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Call Transfer-blind | <p> INVITE sip:020001@www.scme30k.com SIP/2.0<br/> From: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=10130ab8-9a51e17-13c4-50022-11388c-7760c582-11388c<br/> To: &lt;sip:020001@www.scme30k.com&gt;<br/> Call-ID: 1014c600-9a51e17-13c4-50022-11388c-16c1aa9c-11388c<br/> CSeq: 1 INVITE<br/> Via: SIP/2.0/UDP<br/> 23.30.165.9:5060;rport=5060;branch=z9hG4bK-11388c-4344e4d4-56b41ae3<br/> Max-Forwards: 70<br/> Supported: timer,replaces<br/> P-Preferred-Identity: "10003"&lt;sip:10003@www.scme30k.com&gt;<br/> User-Agent: SAMSUNG-SMT-i2205S/T01.58<br/> Contact: &lt;sip:10003@23.30.165.9&gt;<br/> Session-Expires: 1800;refresher=uas<br/> Min-SE: 90<br/> Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH<br/> Allow-Events: talk,hold<br/> Content-Type: application/sdp<br/> Content-Length: 478<br/><br/> v=0<br/> o=SAMSUNG_IP_PHONE 1334676593 0 IN IP4 23.30.165.9<br/> s=SAMSUNG_VOIP_CALL<br/> c=IN IP4 23.30.165.9<br/> t=0 0<br/> m=audio 20122 RTP/SAVP 8 0 18 9 101<br/> a=rtpmap:8 PCMA/8000<br/> a=rtpmap:0 PCMU/8000<br/> a=rtpmap:18 G729/8000<br/> a=rtpmap:9 G722/8000<br/> a=rtpmap:101 telephone-event/8000<br/> a=fmtp:101 0-15<br/> a=ptime:20<br/> a=sendrecv<br/> a=crypto:1 AES_CM_128_HMAC_SHA1_80<br/> inline:SQIZgRgSiCikEVShOvf6ebKnLOCZibkgVJZuJyen<br/> a=crypto:2 ARIA_CM_128_HMAC_SHA1_80<br/> inline:zNzyPUigfoUllJi3X+0YqDwTMh7msjQHL7fIuNp/ </p> |



(Continued)

| No.                 | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Call Transfer-blind | <p>SIP/2.0 100 Trying</p> <p>From: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=10130ab8-9a51e17-13c4-50022-11388c-7760c582-11388c</p> <p>To: &lt;sip:020001@www.scme30k.com&gt;</p> <p>Call-ID: 1014c600-9a51e17-13c4-50022-11388c-16c1aa9c-11388c</p> <p>CSeq: 1 INVITE</p> <p>Via: SIP/2.0/UDP</p> <p>23.30.165.9:5060;rport=5060;branch=z9hG4bK-11388c-4344e4d4-56b41ae3</p> <p>Contact: &lt;sip:020001@www.scme30k.com&gt;</p> <p>Content-Length: 0</p><br><p>INVITE sip:020001@23.30.165.17 SIP/2.0</p> <p>From: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=6e5352c7-4d58-4c08-8179-79bc28ffc39c</p> <p>To: "Sandy"&lt;sip:020001@www.scme30k.com&gt;</p> <p>Call-ID: 77c059ba-45f3-40f9-8c93-4b1f64dc1559@www.scme30k.com</p> <p>CSeq: 1 INVITE</p> <p>Via: SIP/2.0/UDP</p> <p>23.30.160.170:5060;rport;branch=z9hG4bK-a459f-281ff77e-e4793cf</p> <p>P-Asserted-Identity: "10003" &lt;sip:10003@www.scme30k.com&gt;</p> <p>Supported: replaces, timer</p> <p>Max-Forwards: 70</p> <p>Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE,NOTIFY,UPDATE,PUBLISH</p> <p>Contact: &lt;sip:10003@23.30.160.170:5060&gt;</p> <p>Session-Expires: 1800;refresher=uac</p> <p>Min-SE: 90</p> <p>Content-Type: application/sdp</p> <p>Content-Length: 363</p><br><p>v=0</p> <p>o=10003 1334676593 0 IN IP4 23.30.165.9</p> <p>s=Samsung IP PBX</p> <p>c=IN IP4 23.30.165.9</p> <p>t=0 0</p> <p>a=sendrecv</p> <p>m=audio 20122 RTP/SAVP 8</p> <p>a=rtpmap:8 PCMA/8000</p> <p>a=fmtp:101 0-15</p> |

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| No.                 | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Call Transfer-blind | <pre> a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:SQIZgRgSiCikEVShOvf6ebKn1OCZibkgVJZuJyen a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:zNzyPUigfoUllJi3X+0YqDwTMh7msjQHL7fIuNp/  SIP/2.0 100 Trying From: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=6e5352c7-4d58-4c08-8179-79bc28ffc39c To: "Sandy"&lt;sip:020001@www.scme30k.com&gt; Call-ID: 77c059ba-45f3-40f9-8c93-4b1f64dc1559@www.scme30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-a459f-281ff77e-e4793cf Supported: timer,replaces P-Preferred-Identity: "Sandy"&lt;sip:020001@www.scme30k.com&gt; Contact: &lt;sip:020001@23.30.165.17&gt; Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Length: 0  SIP/2.0 180 Ringing From: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=6e5352c7-4d58-4c08-8179-79bc28ffc39c To: "Sandy"&lt;sip:020001@www.scme30k.com&gt;;tag=101a0598-11a51e17-13c4-50022-266a9d-58ddb123-266a9d Call-ID: 77c059ba-45f3-40f9-8c93-4b1f64dc1559@www.scme30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-a459f-281ff77e-e4793cf Supported: timer,replaces P-Preferred-Identity: "Sandy"&lt;sip:020001@www.scme30k.com&gt; Contact: &lt;sip:020001@23.30.165.17&gt; </pre> |

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| No.                 | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Call Transfer-blind | <p>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,<br/>SUBSCRIBE,NOTIFY,PUBLISH<br/>Allow-Events: talk,hold<br/>Content-Length: 0</p> <p>SIP/2.0 180 Ringing<br/>From: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=10130ab8-<br/>9a51e17-13c4-50022-11388c-7760c582-11388c<br/>To: &lt;sip:020001@www.scme30k.com&gt;;tag=9b2191b5-22f1-4c64-<br/>a953-1e68236e0355<br/>Call-ID: 1014c600-9a51e17-13c4-50022-11388c-16c1aa9c-<br/>11388c<br/>CSeq: 1 INVITE<br/>P-Asserted-Identity: "Sandy"<br/>&lt;sip:020001@www.scme30k.com&gt;<br/>Via: SIP/2.0/UDP<br/>23.30.165.9:5060;rport=5060;branch=z9hG4bK-11388c-<br/>4344e4d4-56b41ae3<br/>Contact: &lt;sip:020001@23.30.160.170:5060&gt;<br/>Content-Length: 0</p> <p>NOTIFY sip:10003@23.30.165.9 SIP/2.0<br/>From: &lt;sip:020001@www.scme30k.com&gt;;tag=9b2191b5-22f1-<br/>4c64-a953-1e68236e0355<br/>To: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=10130ab8-<br/>9a51e17-13c4-50022-11388c-7760c582-11388c<br/>Call-ID: 1014c600-9a51e17-13c4-50022-11388c-16c1aa9c-<br/>11388c<br/>CSeq: 1 NOTIFY<br/>Via: SIP/2.0/UDP<br/>23.30.160.170:5060;rport;branch=z9hG4bK-a459f-281ff899-<br/>40244f5d<br/>Event: scm-<br/>softmenu;version="SCMExpress_1.0.0";type=update-<br/>softmenu-volatile<br/>Max-Forwards: 70<br/>Contact: &lt;sip:020001@23.30.160.170:5060&gt;<br/>Content-Type: application/scm-profile+xml<br/>Content-Length: 198</p> |

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| No.                 | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Call Transfer-blind | <pre> &lt;?xml version="1.0"?&gt; &lt;scm-softmenu&gt;   &lt;temporary&gt;     &lt;charset&gt;euc-kr&lt;/charset&gt;     &lt;function idx="1" display="Call Back" attribute="spd" num="*161020001" enable="1"/&gt;   &lt;/temporary&gt; &lt;/scm-softmenu&gt;  SIP/2.0 200 OK From: &lt;sip:020001@www.scme30k.com&gt;;tag=9b2191b5-22f1- 4c64-a953-1e68236e0355 To: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=10130ab8- 9a51e17-13c4-50022-11388c-7760c582-11388c Call-ID: 1014c600-9a51e17-13c4-50022-11388c-16c1aa9c- 11388c CSeq: 1 NOTIFY Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-a459f- 281ff899-40244f5d Supported: timer,replaces Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Contact: &lt;sip:10003@23.30.165.9&gt; Allow-Events: talk,hold Content-Length: 0  REFER sip:010001@23.30.160.170:5060 SIP/2.0 From: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=10132dc8- 9a51e17-13c4-50022-11387d-4b2fb656-11387d To: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=b633cd7c- 922e-4ce8-98d6-c16a53bfa279 Call-ID: f1236382-f2a0-4137-93b5- 80d5aa3f4557@www.scme30k.com CSeq: 2 REFER Via: SIP/2.0/UDP 23.30.165.9:5060;rport=5060;branch=z9hG4bK-11388d- 4344ea56-22180b5f Refer-To: &lt;sip:020001@www.scme30k.com?Replaces=1014c600- 9a51e17-13c4-50022-11388c-16c1aa9c-11388c%3Bto- tag%3D9b2191b5-22f1-4c64-a953-1e68236e0355%3Bfrom- tag%3D10130ab8-9a51e17-13c4-50022-11388c-7760c582- 11388c&gt; </pre> |

(Continued)

| No.                 | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Call Transfer-blind | <p>Referred-By: &lt;sip:10003@www.scme30k.com&gt;<br/> Max-Forwards: 70<br/> Supported: timer,replaces<br/> Contact: &lt;sip:10003@23.30.165.9&gt;<br/> Content-Length: 0</p> <p>SIP/2.0 487 Request Terminated<br/> From: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=10130ab8-9a51e17-13c4-50022-11388c-7760c582-11388c<br/> To: &lt;sip:020001@www.scme30k.com&gt;;tag=9b2191b5-22f1-4c64-a953-1e68236e0355<br/> Call-ID: 1014c600-9a51e17-13c4-50022-11388c-16c1aa9c-11388c<br/> CSeq: 1 INVITE<br/> Via: SIP/2.0/UDP<br/> 23.30.165.9:5060;rport=5060;branch=z9hG4bK-11388c-4344e4d4-56b41ae3<br/> Content-Length: 0</p> <p>SIP/2.0 202 Accepted<br/> From: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=10132dc8-9a51e17-13c4-50022-11387d-4b2fb656-11387d<br/> To: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=b633cd7c-922e-4ce8-98d6-c16a53bfa279<br/> Call-ID: f1236382-f2a0-4137-93b5-80d5aa3f4557@www.scme30k.com<br/> CSeq: 2 REFER<br/> Via: SIP/2.0/UDP<br/> 23.30.165.9:5060;rport=5060;branch=z9hG4bK-11388d-4344ea56-22180b5f<br/> Contact: &lt;sip:010001@23.30.160.170:5060&gt;<br/> Content-Length: 0</p> <p>BYE sip:10003@23.30.165.9 SIP/2.0<br/> From:<br/> "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=b633cd7c-922e-4ce8-98d6-c16a53bfa279<br/> To: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=10132dc8-9a51e17-13c4-50022-11387d-4b2fb656-11387d<br/> Call-ID: f1236382-f2a0-4137-93b5-80d5aa3f4557@www.scme30k.com<br/> CSeq: 2 BYE</p> |

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| No.                 | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Call Transfer-blind | <p>Via: SIP/2.0/UDP<br/>23.30.160.170:5060;rport;branch=z9hG4bK-a45a1-281ffe53-3250e350<br/>Max-Forwards: 70<br/>Content-Length: 0</p> <p>INFO sip:020001@23.30.165.17 SIP/2.0<br/>From: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=6e5352c7-4d58-4c08-8179-79bc28ffc39c<br/>To: "Sandy"&lt;sip:020001@www.scme30k.com&gt;;tag=101a0598-11a51e17-13c4-50022-266a9d-58ddb123-266a9d<br/>Call-ID: 77c059ba-45f3-40f9-8c93-4b1f64dc1559@www.scme30k.com<br/>CSeq: 2 INFO<br/>Via: SIP/2.0/UDP<br/>23.30.160.170:5060;rport;branch=z9hG4bK-a45a1-281ffe53-e3995ee<br/>Max-Forwards: 70<br/>Contact: &lt;sip:10003@23.30.160.170:5060&gt;<br/>Content-Type: application/vnd.sec-display<br/>Content-Length: 48</p> <p>Text="010001,\n transfer from 10003 "<br/>Charset=euc-kr</p> <p>INVITE sip:010001@23.30.165.21 SIP/2.0<br/>From: &lt;sip:10003@www.scme30k.com&gt;;tag=bbc22195-ab7d-4440-b6f9-73b158d8c339<br/>To: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56e350-15a51e17-13c4-50022-15075-4705418d-15075<br/>Call-ID: 574f18-15a51e17-13c4-50022-15075-374cc2ff-15075<br/>CSeq: 3 INVITE<br/>Via: SIP/2.0/UDP<br/>23.30.160.170:5060;rport;branch=z9hG4bK-a45a1-281ffe55-2cfdd46c<br/>Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE,NOTIFY,UPDATE,PUBLISH<br/>P-Asserted-Identity: "10003" &lt;sip:10003@www.scme30k.com&gt;<br/>Supported: replaces, timer<br/>Max-Forwards: 70<br/>Contact: &lt;sip:10003@23.30.160.170:5060&gt;<br/>Session-Expires: 1800;refresher=uac<br/>Min-SE: 90<br/>Content-Type: application/sdp<br/>Content-Length: 486</p> |

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| No.                 | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Call Transfer-blind | v=0<br>o=10003 100079 100079 IN IP4 23.30.160.170<br>s=Samsung IP PBX<br>c=IN IP4 23.30.160.170<br>t=0 0<br>m=audio 35000 RTP/SAVP 8 18 0<br>a=rtpmap:8 PCMA/8000<br>a=rtpmap:18 G729/8000<br>a=rtpmap:0 PCMU/8000<br>a=ptime:20<br>a=sendonly<br>a=crypto:1 AES_CM_128_HMAC_SHA1_80<br>inline:5B5PC5DoiweCIplYh+mXwnvNSOYmUbIoh2aDliCh<br>a=crypto:2 ARIA_CM_128_HMAC_SHA1_80<br>inline:5B5PC5DoiweCIplYh+mXwnvNSOYmUbIoh2aDliCh<br>a=crypto:3 ARIA_CM_192_HMAC_SHA1_80<br>inline:5B5PC5DoiweCIplYh+mXwnvNSOYmUbIoh2aDliCh8jNE2WXts<br>BD=<br><br>SIP/2.0 200 OK<br>From: <sip:10003@www.scme30k.com>;tag=bbc22195-ab7d-4440-b6f9-73b158d8c339<br>To: "Michael"<sip:010001@www.scme30k.com>;tag=56e350-15a51e17-13c4-50022-15075-4705418d-15075<br>Call-ID: 574f18-15a51e17-13c4-50022-15075-374cc2ff-15075<br>CSeq: 3 INVITE<br>Via: SIP/2.0/UDP<br>23.30.160.170:5060;rport=5060;branch=z9hG4bK-a45a1-281ffe55-2cfdd46c<br>Supported: timer,replaces<br>Require: timer<br>P-Preferred-Identity:<br>"Michael"<sip:010001@www.scme30k.com><br>Contact: <sip:010001@23.30.165.21><br>Session-Expires: 1800;refresher=uac<br>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH<br>Allow-Events: talk,hold<br>Content-Type: application/sdp<br>Content-Length: 265 |

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| No.                 | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Call Transfer-blind | <p>v=0</p> <p>o=SAMSUNG_IP_PHONE 1334676552 2 IN IP4 23.30.165.21</p> <p>s=SAMSUNG_VOIP_CALL</p> <p>c=IN IP4 23.30.165.21</p> <p>t=0 0</p> <p>m=audio 20026 RTP/SAVP 8</p> <p>a=rtpmap:8 PCMA/8000</p> <p>a=ptime:20</p> <p>a=recvonly</p> <p>a=crypto:1 AES_CM_128_HMAC_SHA1_80</p> <p>inline:jh+3w1iXlbRlA3SY6x492rPAZh84b2eY+YW5/jgx</p><br><p>ACK sip:010001@23.30.165.21 SIP/2.0</p> <p>From: &lt;sip:10003@www.scme30k.com&gt;;tag=bbc22195-ab7d-4440-b6f9-73b158d8c339</p> <p>To: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56e350-15a51e17-13c4-50022-15075-4705418d-15075</p> <p>Call-ID: 574f18-15a51e17-13c4-50022-15075-374cc2ff-15075</p> <p>CSeq: 3 ACK</p> <p>Via: SIP/2.0/UDP</p> <p>23.30.160.170:5060;rport;branch=z9hG4bK-a45a1-281ffe75-3f372a5</p> <p>Max-Forwards: 70</p> <p>Contact: &lt;sip:10003@23.30.160.170:5060&gt;</p> <p>Content-Length: 0</p><br><p>ACK sip:020001@www.scme30k.com SIP/2.0</p> <p>From: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=10130ab8-9a51e17-13c4-50022-11388c-7760c582-11388c</p> <p>To: &lt;sip:020001@www.scme30k.com&gt;;tag=9b2191b5-22f1-4c64-a953-1e68236e0355</p> <p>Call-ID: 1014c600-9a51e17-13c4-50022-11388c-16c1aa9c-11388c</p> <p>CSeq: 1 ACK</p> <p>Via: SIP/2.0/UDP 23.30.165.9:5060;rport;branch=z9hG4bK-11388c-4344e4d4-56b41ae3</p> <p>Max-Forwards: 70</p> <p>User-Agent: SAMSUNG-SMT-i2205S/T01.58</p> <p>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH</p> <p>Contact: &lt;sip:10003@23.30.165.9&gt;</p> <p>Allow-Events: talk,hold</p> <p>Content-Length: 0</p> |



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| No.                 | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Call Transfer-blind | <p>SIP/2.0 200 OK</p> <p>From: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=6e5352c7-4d58-4c08-8179-79bc28ffc39c</p> <p>To: "Sandy"&lt;sip:020001@www.scme30k.com&gt;;tag=101a0598-11a51e17-13c4-50022-266a9d-58ddb123-266a9d</p> <p>Call-ID: 77c059ba-45f3-40f9-8c93-4b1f64dc1559@www.scme30k.com</p> <p>CSeq: 2 INFO</p> <p>Via: SIP/2.0/UDP</p> <p>23.30.160.170:5060;rport=5060;branch=z9hG4bK-a45a1-281ffe53-e3995ee</p> <p>Supported: timer,replaces</p> <p>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH</p> <p>Contact: &lt;sip:020001@23.30.165.17&gt;</p> <p>Allow-Events: talk,hold</p> <p>Content-Length: 0</p><br><p>SIP/2.0 200 OK</p> <p>From:</p> <p>"Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=b633cd7c-922e-4ce8-98d6-c16a53bfa279</p> <p>To: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=10132dc8-9a51e17-13c4-50022-11387d-4b2fb656-11387d</p> <p>Call-ID: f1236382-f2a0-4137-93b5-80d5aa3f4557@www.scme30k.com</p> <p>CSeq: 2 BYE</p> <p>Via: SIP/2.0/UDP</p> <p>23.30.160.170:5060;rport=5060;branch=z9hG4bK-a45a1-281ffe53-3250e350</p> <p>Supported: timer,replaces</p> <p>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH</p> <p>Allow-Events: talk,hold</p> <p>Content-Length: 0</p><br><p>SIP/2.0 200 OK</p> <p>From: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=6e5352c7-4d58-4c08-8179-79bc28ffc39c</p> <p>To: "Sandy"&lt;sip:020001@www.scme30k.com&gt;;tag=101a0598-11a51e17-13c4-50022-266a9d-58ddb123-266a9d</p> |

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| No.                 | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Call Transfer-blind | <p>Call-ID: 77c059ba-45f3-40f9-8c93-4b1f64dc1559@www.scme30k.com</p> <p>CSeq: 1 INVITE</p> <p>Via: SIP/2.0/UDP<br/>23.30.160.170:5060;rport=5060;branch=z9hG4bK-a459f-281ff77e-e4793cf</p> <p>Supported: timer,replaces</p> <p>Require: timer</p> <p>P-Preferred-Identity:<br/>"Sandy"&lt;sip:020001@www.scme30k.com&gt;</p> <p>Contact: &lt;sip:020001@23.30.165.17&gt;</p> <p>Session-Expires: 1800;refresher=uac</p> <p>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH</p> <p>Allow-Events: talk,hold</p> <p>Content-Type: application/sdp</p> <p>Content-Length: 265</p> <p>v=0</p> <p>o=SAMSUNG_IP_PHONE 1334676580 1 IN IP4 23.30.165.17</p> <p>s=SAMSUNG_VOIP_CALL</p> <p>c=IN IP4 23.30.165.17</p> <p>t=0 0</p> <p>m=audio 20074 RTP/SAVP 8</p> <p>a=rtpmap:8 PCMA/8000</p> <p>a=ptime:20</p> <p>a=sendrecv</p> <p>a=crypto:1 AES_CM_128_HMAC_SHA1_80</p> <p>inline:ld+jMtqckJOxTkyMx03GV9E0K8QiAhFy0hwsVU3P</p> <p>ACK sip:020001@23.30.165.17 SIP/2.0</p> <p>From: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=6e5352c7-4d58-4c08-8179-79bc28ffc39c</p> <p>To: "Sandy"&lt;sip:020001@www.scme30k.com&gt;;tag=101a0598-11a51e17-13c4-50022-266a9d-58ddb123-266a9d</p> <p>Call-ID: 77c059ba-45f3-40f9-8c93-4b1f64dc1559@www.scme30k.com</p> <p>CSeq: 1 ACK</p> <p>Via: SIP/2.0/UDP<br/>23.30.160.170:5060;rport;branch=z9hG4bK-a45a8-28201b81-1fa99437</p> <p>Max-Forwards: 70</p> <p>Contact: &lt;sip:10003@23.30.160.170:5060&gt;</p> <p>Content-Length: 0</p> |

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| No.                 | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Call Transfer-blind | <p> INVITE sip:010001@23.30.165.21 SIP/2.0<br/> From: &lt;sip:10003@www.scme30k.com&gt;;tag=bbc22195-ab7d-4440-b6f9-73b158d8c339<br/> To: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56e350-15a51e17-13c4-50022-15075-4705418d-15075<br/> Call-ID: 574f18-15a51e17-13c4-50022-15075-374cc2ff-15075<br/> CSeq: 4 INVITE<br/> Via: SIP/2.0/UDP<br/> 23.30.160.170:5060;rport;branch=z9hG4bK-a45a8-28201b82-3849ee45<br/> Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE,NOTIFY,UPDATE,PUBLISH<br/> P-Asserted-Identity: "Sandy"<br/> &lt;sip:020001@www.scme30k.com&gt;<br/> Supported: replaces, timer<br/> Max-Forwards: 70<br/> Contact: &lt;sip:020001@23.30.160.170:5060&gt;<br/> Session-Expires: 1800;refresher=uac<br/> Min-SE: 90<br/> Content-Length: 0 </p> <p> SIP/2.0 200 OK<br/> From: &lt;sip:10003@www.scme30k.com&gt;;tag=bbc22195-ab7d-4440-b6f9-73b158d8c339<br/> To: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56e350-15a51e17-13c4-50022-15075-4705418d-15075<br/> Call-ID: 574f18-15a51e17-13c4-50022-15075-374cc2ff-15075<br/> CSeq: 4 INVITE<br/> Via: SIP/2.0/UDP<br/> 23.30.160.170:5060;rport=5060;branch=z9hG4bK-a45a8-28201b82-3849ee45<br/> Supported: timer,replaces<br/> Require: timer<br/> P-Preferred-Identity:<br/> "Michael"&lt;sip:010001@www.scme30k.com&gt;<br/> Contact: &lt;sip:010001@23.30.165.21&gt;<br/> Session-Expires: 1800;refresher=uac<br/> Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH<br/> Allow-Events: talk,hold<br/> Content-Type: application/sdp<br/> Content-Length: 925 </p> |

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| No.                 | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Call Transfer-blind | <pre> v=0 o=SAMSUNG_IP_PHONE 1334676552 3 IN IP4 23.30.165.21 s=SAMSUNG_VOIP_CALL c=IN IP4 23.30.165.21 t=0 0 m=audio 20028 RTP/SAVP 8 0 18 9 102 101 a=rtpmap:8 PCMA/8000 a=rtpmap:0 PCMU/8000 a=rtpmap:18 G729/8000 a=rtpmap:9 G722/8000 a=rtpmap:102 iLBC/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:jh+3w1iXlbRlA3SY6x492rPAZh84b2eY+YW5/jgx a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:ToJOJEQ8pNWcb4jWjx86pYrVn5mpvDm7Hh79ZaIi m=video 25028 RTP/SAVP 34 98 99 a=rtpmap:34 H263/90000 a=rtpmap:98 MP4V-ES/90000 a=rtpmap:99 H264/90000 a=fmtp:34 CIF=2;QCIF=2 a=fmtp:98 profile-level-id=2 a=fmtp:99 profile-level-id=42800C;packetization-mode=0 a=framerate:15.0 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:m+tIkosOIT6C7cBGSozj7Ep9s57GLceWAoU1CoX3 a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:fNBsOjW0bFAwUSRxr4b0C+iQ2jnVHIFm02b9jXwR  INVITE sip:020001@23.30.165.17 SIP/2.0 From: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=6e5352c7-4d58-4c08-8179-79bc28ffc39c To: "Sandy"&lt;sip:020001@www.scme30k.com&gt;;tag=101a0598-11a51e17-13c4-50022-266a9d-58ddb123-266a9d Call-ID: 77c059ba-45f3-40f9-8c93-4b1f64dc1559@www.scme30k.com CSeq: 3 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a45a8-28201ba8-7324a901 </pre> |

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| No.                 | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Call Transfer-blind | <p> Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE,<br/> NOTIFY,UPDATE,PUBLISH<br/> P-Asserted-Identity: "Michael"<br/> &lt;sip:010001@www.scme30k.com&gt;<br/> Supported: replaces, timer<br/> Max-Forwards: 70<br/> Contact: &lt;sip:010001@23.30.160.170:5060&gt;<br/> Session-Expires: 1800;refresher=uac<br/> Min-SE: 90<br/> Content-Type: application/sdp<br/> Content-Length: 913<br/> <br/> v=0<br/> o=010001 1334676552 3 IN IP4 23.30.160.170<br/> s=Samsung IP PBX<br/> c=IN IP4 23.30.165.21<br/> t=0 0<br/> m=audio 20028 RTP/SAVP 8 0 18 9 102 101<br/> a=rtpmap:8 PCMA/8000<br/> a=rtpmap:0 PCMU/8000<br/> a=rtpmap:18 G729/8000<br/> a=rtpmap:9 G722/8000<br/> a=rtpmap:102 iLBC/8000<br/> a=rtpmap:101 telephone-event/8000<br/> a=fmtp:101 0-15<br/> a=ptime:20<br/> a=sendrecv<br/> a=crypto:1 AES_CM_128_HMAC_SHA1_80<br/> inline:jh+3wliXlbRlA3SY6x492rPAZh84b2eY+YW5/jgx<br/> a=crypto:2 ARIA_CM_128_HMAC_SHA1_80<br/> inline:ToJOJEQ8pNWcb4jWjx86pYrVn5mpvDm7Hh79ZaIi<br/> m=video 25028 RTP/SAVP 34 98 99<br/> a=rtpmap:34 H263/90000<br/> a=rtpmap:98 MP4V-ES/90000<br/> a=rtpmap:99 H264/90000<br/> a=fmtp:34 CIF=2;QCIF=2<br/> a=fmtp:98 profile-level-id=2<br/> a=fmtp:99 profile-level-id=42800C;packetization-mode=0<br/> a=framerate:15.0<br/> a=sendrecv<br/> a=crypto:1 AES_CM_128_HMAC_SHA1_80<br/> inline:m+tIkosOIT6C7cBGSozj7Ep9s57GLceWAoU1CoX3<br/> a=crypto:2 ARIA_CM_128_HMAC_SHA1_80<br/> inline:fNBsOjW0bFAwUSRxr4b0C+iQ2jnVHIFm02b9jXwR </p> |

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| No.                 | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Call Transfer-blind | <p>SIP/2.0 200 OK</p> <p>From: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=6e5352c7-4d58-4c08-8179-79bc28ffc39c</p> <p>To: "Sandy"&lt;sip:020001@www.scme30k.com&gt;;tag=101a0598-11a51e17-13c4-50022-266a9d-58ddb123-266a9d</p> <p>Call-ID: 77c059ba-45f3-40f9-8c93-4b1f64dc1559@www.scme30k.com</p> <p>CSeq: 3 INVITE</p> <p>Via: SIP/2.0/UDP</p> <p>23.30.160.170:5060;rport=5060;branch=z9hG4bK-a45a8-28201ba8-7324a901</p> <p>Supported: timer,replaces</p> <p>Require: timer</p> <p>P-Preferred-Identity:</p> <p>"Sandy"&lt;sip:020001@www.scme30k.com&gt;</p> <p>Contact: &lt;sip:020001@23.30.165.17&gt;</p> <p>Session-Expires: 1800;refresher=uac</p> <p>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH</p> <p>Allow-Events: talk,hold</p> <p>Content-Type: application/sdp</p> <p>Content-Length: 350</p> <p>v=0</p> <p>o=SAMSUNG_IP_PHONE 1334676580 2 IN IP4 23.30.165.17</p> <p>s=SAMSUNG_VOIP_CALL</p> <p>c=IN IP4 23.30.165.17</p> <p>t=0 0</p> <p>m=audio 20076 RTP/SAVP 8 101</p> <p>a=rtpmap:8 PCMA/8000</p> <p>a=rtpmap:101 telephone-event/8000</p> <p>a=fmtp:101 0-15</p> <p>a=ptime:20</p> <p>a=sendrecv</p> <p>a=crypto:1 AES_CM_128_HMAC_SHA1_80</p> <p>inline:ld+jMtqckJOxTkyMx03GV9E0K8QiAhFy0hwsVU3P</p> <p>m=video 0 RTP/SAVP 34 98 99</p> <p>ACK sip:010001@23.30.165.21 SIP/2.0</p> <p>From: &lt;sip:10003@www.scme30k.com&gt;;tag=bbc22195-ab7d-4440-b6f9-73b158d8c339</p> <p>To: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56e350-15a51e17-13c4-50022-15075-4705418d-15075</p> |

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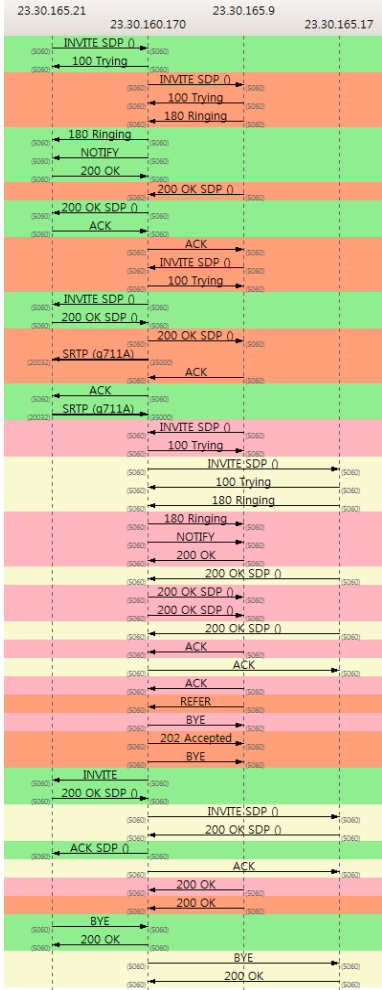
| No.                 | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Call Transfer-blind | <p>Call-ID: 574f18-15a51e17-13c4-50022-15075-374cc2ff-15075<br/> CSeq: 4 ACK<br/> Via: SIP/2.0/UDP<br/> 23.30.160.170:5060;rport;branch=z9hG4bK-a45a9-28201cab-6e462bfe<br/> Max-Forwards: 70<br/> Contact: &lt;sip:020001@23.30.160.170:5060&gt;<br/> Content-Type: application/sdp<br/> Content-Length: 338</p> <p>v=0<br/> o=020001 1334676580 2 IN IP4 23.30.160.170<br/> s=Samsung IP PBX<br/> c=IN IP4 23.30.165.17<br/> t=0 0<br/> m=audio 20076 RTP/SAVP 8 101<br/> a=rtpmap:8 PCMA/8000<br/> a=rtpmap:101 telephone-event/8000<br/> a=fmtp:101 0-15<br/> a=ptime:20<br/> a=sendrecv<br/> a=crypto:1 AES_CM_128_HMAC_SHA1_80<br/> inline:ld+jMtqckJOxTkyMx03GV9E0K8QiAhFy0hwsVU3P<br/> m=video 0 RTP/SAVP 34 98 99</p> <p>ACK sip:020001@23.30.165.17 SIP/2.0<br/> From: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=6e5352c7-4d58-4c08-8179-79bc28ffc39c<br/> To: "Sandy"&lt;sip:020001@www.scme30k.com&gt;;tag=101a0598-11a51e17-13c4-50022-266a9d-58ddb123-266a9d<br/> Call-ID: 77c059ba-45f3-40f9-8c93-4b1f64dc1559@www.scme30k.com<br/> CSeq: 3 ACK<br/> Via: SIP/2.0/UDP<br/> 23.30.160.170:5060;rport;branch=z9hG4bK-a45a9-28201cab-4ef1733a<br/> Max-Forwards: 70<br/> Contact: &lt;sip:010001@23.30.160.170:5060&gt;<br/> Content-Length: 0</p> <p>BYE sip:010001@23.30.160.170:5060 SIP/2.0<br/> From: "Sandy"&lt;sip:020001@www.scme30k.com&gt;;tag=101a0598-11a51e17-13c4-50022-266a9d-58ddb123-266a9d</p> |

(Continued)

| No.                 | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Call Transfer-blind | <p>To: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=6e5352c7-4d58-4c08-8179-79bc28ffc39c<br/> Call-ID: 77c059ba-45f3-40f9-8c93-4b1f64dc1559@www.scme30k.com<br/> CSeq: 1 BYE<br/> Via: SIP/2.0/UDP<br/> 23.30.165.17:5060;rport=5060;branch=z9hG4bK-266aaa-9610ab08-a7e10aa<br/> Max-Forwards: 70<br/> Supported: timer,replaces<br/> User-Agent: SAMSUNG-SMT-i5220S/V01.52<br/> Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH<br/> Allow-Events: talk,hold<br/> Content-Length: 0</p> <p>SIP/2.0 200 OK<br/> From: "Sandy"&lt;sip:020001@www.scme30k.com&gt;;tag=101a0598-11a51e17-13c4-50022-266a9d-58ddb123-266a9d<br/> To: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=6e5352c7-4d58-4c08-8179-79bc28ffc39c<br/> Call-ID: 77c059ba-45f3-40f9-8c93-4b1f64dc1559@www.scme30k.com<br/> CSeq: 1 BYE<br/> Via: SIP/2.0/UDP<br/> 23.30.165.17:5060;rport=5060;branch=z9hG4bK-266aaa-9610ab08-a7e10aa<br/> Content-Length: 0</p> <p>BYE sip:010001@23.30.165.21 SIP/2.0<br/> From: &lt;sip:10003@www.scme30k.com&gt;;tag=bbc22195-ab7d-4440-b6f9-73b158d8c339<br/> To: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56e350-15a51e17-13c4-50022-15075-4705418d-15075<br/> Call-ID: 574f18-15a51e17-13c4-50022-15075-374cc2ff-15075<br/> CSeq: 5 BYE<br/> Via: SIP/2.0/UDP<br/> 23.30.160.170:5060;rport;branch=z9hG4bK-a45ad-28202dd9-3f4fe894<br/> Reason: Q.850 ;cause=16 ;text="Normal Release"<br/> Max-Forwards: 70<br/> Content-Length: 0</p> |



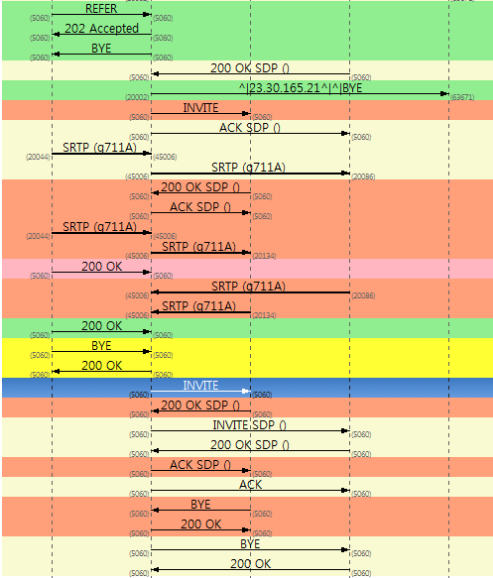
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| No.                        | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Call Transfer-blind        | <p>SIP/2.0 200 OK</p> <p>From: &lt;sip:10003@www.scme30k.com&gt;;tag=bbc22195-ab7d-4440-b6f9-73b158d8c339</p> <p>To: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56e350-15a51e17-13c4-50022-15075-4705418d-15075</p> <p>Call-ID: 574f18-15a51e17-13c4-50022-15075-374cc2ff-15075</p> <p>CSeq: 5 BYE</p> <p>Via: SIP/2.0/UDP</p> <p>23.30.160.170:5060;rport=5060;branch=z9hG4bK-a45ad-28202dd9-3f4fe894</p> <p>Supported: timer,replaces</p> <p>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH</p> <p>Allow-Events: talk,hold</p> <p>Content-Length: 0</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Call Transfer-Consultation | <p>call transfer-consultative</p>  <pre> sequenceDiagram     participant A as 23.30.165.21     participant B as 23.30.160.170     participant C as 23.30.165.9     participant D as 23.30.165.17      A-&gt;&gt;B: INVITE SDP 0     B-&gt;&gt;A: 100 Trying     B-&gt;&gt;C: INVITE SDP 0     C-&gt;&gt;B: 100 Trying     C-&gt;&gt;D: 180 Ringing     D-&gt;&gt;C: 180 Ringing     B-&gt;&gt;A: 180 Ringing     A-&gt;&gt;B: NOTIFY     B-&gt;&gt;A: 200 OK     C-&gt;&gt;B: 200 OK SDP 0     B-&gt;&gt;C: ACK     C-&gt;&gt;B: ACK     B-&gt;&gt;C: INVITE SDP 0     C-&gt;&gt;B: 100 Trying     B-&gt;&gt;A: INVITE SDP 0     A-&gt;&gt;B: 200 OK SDP 0     B-&gt;&gt;C: 200 OK SDP 0     C-&gt;&gt;B: SRTP (q711A)     B-&gt;&gt;C: ACK     C-&gt;&gt;B: ACK     B-&gt;&gt;A: SRTP (q711A)     A-&gt;&gt;B: ACK     B-&gt;&gt;C: INVITE SDP 0     C-&gt;&gt;B: 100 Trying     B-&gt;&gt;D: INVITE SDP 0     D-&gt;&gt;B: 100 Trying     D-&gt;&gt;C: 180 Ringing     C-&gt;&gt;D: 180 Ringing     B-&gt;&gt;A: 180 Ringing     A-&gt;&gt;B: NOTIFY     B-&gt;&gt;A: 200 OK     C-&gt;&gt;B: 200 OK SDP 0     B-&gt;&gt;C: 200 OK SDP 0     C-&gt;&gt;B: 200 OK SDP 0     B-&gt;&gt;C: ACK     C-&gt;&gt;B: ACK     B-&gt;&gt;C: ACK     C-&gt;&gt;B: REFER     B-&gt;&gt;C: BYE     C-&gt;&gt;B: 202 Accepted     B-&gt;&gt;C: BYE     A-&gt;&gt;B: INVITE     B-&gt;&gt;A: 200 OK SDP 0     B-&gt;&gt;D: INVITE SDP 0     D-&gt;&gt;B: 200 OK SDP 0     B-&gt;&gt;A: ACK SDP 0     A-&gt;&gt;B: ACK     C-&gt;&gt;B: 200 OK     B-&gt;&gt;C: 200 OK     B-&gt;&gt;A: BYE     A-&gt;&gt;B: 200 OK     B-&gt;&gt;D: BYE     D-&gt;&gt;B: 200 OK   </pre> |

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| No.              | Feature          |
|------------------|------------------|
| Conference-Adhoc | conference-adhoc |

(Continued)

| No.              | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference-Adhoc | <div></div> <div>INVITE sip:10003@www.scme30k.com SIP/2.0<br/>From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=572310-15a51e17-13c4-50022-18298-168f8b71-18298<br/>To: &lt;sip:10003@www.scme30k.com&gt;<br/>Call-ID: 5752d8-15a51e17-13c4-50022-18298-75576a3-18298<br/>CSeq: 1 INVITE<br/>Via: SIP/2.0/UDP<br/>23.30.165.21:5060;rport=5060;branch=z9hG4bK-18298-5e62364-2e40c6f<br/>Max-Forwards: 70<br/>Supported: timer,replaces<br/>P-Preferred-Identity:<br/>"Michael"&lt;sip:010001@www.scme30k.com&gt;<br/>User-Agent: SAMSUNG-SMT-i5243/V01.38<br/>Contact: &lt;sip:010001@23.30.165.21&gt;<br/>Session-Expires: 1800;refresher=uas<br/>Min-SE: 90<br/>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,<br/>SUBSCRIBE,NOTIFY,PUBLISH<br/>Allow-Events: talk,hold<br/>Content-Type: application/sdp<br/>Content-Length: 508</div> |

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| No.              | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference-Adhoc | <pre> v=0 o=SAMSUNG_IP_PHONE 1334689386 0 IN IP4 23.30.165.21 s=SAMSUNG_VOIP_CALL c=IN IP4 23.30.165.21 t=0 0 m=audio 20036 RTP/SAVP 8 0 18 9 102 101 a=rtpmap:8 PCMA/8000 a=rtpmap:0 PCMU/8000 a=rtpmap:18 G729/8000 a=rtpmap:9 G722/8000 a=rtpmap:102 iLBC/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:Y+o4gc5TR2Ss0ZTLSDwUF6EolfHx36+/nD8d193j a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:u2x08M7GYZo+EKlYV9rVmk32JVicFF5fMbY1zSpH  SIP/2.0 100 Trying From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=572310-15a51e17-13c4-50022-18298-168f8b71-18298 To: &lt;sip:10003@www.scme30k.com&gt; Call-ID: 5752d8-15a51e17-13c4-50022-18298-75576a3-18298 CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-18298-5e62364-2e40c6f Contact: &lt;sip:10003@www.scme30k.com&gt; Content-Length: 0  INVITE sip:10003@23.30.165.9 SIP/2.0 From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=5481ef41-df38-44e1-b248-3c019edc3c42 To: "10003"&lt;sip:10003@www.scme30k.com&gt; Call-ID: 11e2c749-aba7-4f08-8b2a-70bbb1de2d69@www.scme30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a77b0-28e38aa6-707ad1bd </pre> |

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| No.              | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference-Adhoc | <p>P-Asserted-Identity: "Michael"<br/>         &lt;sip:010001@www.scme30k.com&gt;<br/>         Supported: replaces, timer<br/>         Max-Forwards: 70<br/>         Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE,<br/>         NOTIFY,UPDATE,PUBLISH<br/>         Contact: &lt;sip:010001@23.30.160.170:5060&gt;<br/>         Session-Expires: 1800;refresher=uac<br/>         Min-SE: 90<br/>         Content-Type: application/sdp<br/>         Content-Length: 366</p> <p>v=0<br/>         o=010001 1334689386 0 IN IP4 23.30.165.21<br/>         s=Samsung IP PBX<br/>         c=IN IP4 23.30.165.21<br/>         t=0 0<br/>         a=sendrecv<br/>         m=audio 20036 RTP/SAVP 8<br/>         a=rtpmap:8 PCMA/8000<br/>         a=fmtp:101 0-15<br/>         a=ptime:20<br/>         a=sendrecv<br/>         a=crypto:1 AES_CM_128_HMAC_SHA1_80<br/>         inline:Y+o4gc5TR2Ss0ZTLSDwUF6EolfHx36+/nD8d193j<br/>         a=crypto:2 ARIA_CM_128_HMAC_SHA1_80<br/>         inline:u2x08M7GYZo+EKlYV9rVmk32JVicFF5fMbYlzSpH</p> <p>SIP/2.0 100 Trying<br/>         From:<br/>         "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=5481ef41-df38-<br/>         44e1-b248-3c019edc3c42<br/>         To: "10003"&lt;sip:10003@www.scme30k.com&gt;<br/>         Call-ID: 11e2c749-aba7-4f08-8b2a-<br/>         70bbb1de2d69@www.scme30k.com<br/>         CSeq: 1 INVITE<br/>         Via: SIP/2.0/UDP<br/>         23.30.160.170:5060;rport=5060;branch=z9hG4bK-a77b0-<br/>         28e38aa6-707ad1bd<br/>         Supported: timer,replaces<br/>         P-Preferred-Identity: "10003"&lt;sip:10003@www.scme30k.com&gt;<br/>         Contact: &lt;sip:10003@23.30.165.9&gt;</p> |

(Continued)

| No.              | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference-Adhoc | <p>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,<br/>SUBSCRIBE,NOTIFY,PUBLISH<br/>Allow-Events: talk,hold<br/>Content-Length: 0</p> <p>SIP/2.0 180 Ringing<br/>From:<br/>"Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=5481ef41-df38-44e1-b248-3c019edc3c42<br/>To: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=10131118-9a51e17-13c4-50022-116a9f-1978d19b-116a9f<br/>Call-ID: 11e2c749-aba7-4f08-8b2a-70bbb1de2d69@www.scme30k.com<br/>CSeq: 1 INVITE<br/>Via: SIP/2.0/UDP<br/>23.30.160.170:5060;rport=5060;branch=z9hG4bK-a77b0-28e38aa6-707ad1bd<br/>Supported: timer,replaces<br/>P-Preferred-Identity: "10003"&lt;sip:10003@www.scme30k.com&gt;<br/>Contact: &lt;sip:10003@23.30.165.9&gt;<br/>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,<br/>SUBSCRIBE,NOTIFY,PUBLISH<br/>Allow-Events: talk,hold<br/>Content-Length: 0</p> <p>SIP/2.0 180 Ringing<br/>From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=572310-15a51e17-13c4-50022-18298-168f8b71-18298<br/>To: &lt;sip:10003@www.scme30k.com&gt;;tag=e734ef87-39f1-4cb3-9923-04bb1ce53794<br/>Call-ID: 5752d8-15a51e17-13c4-50022-18298-75576a3-18298<br/>CSeq: 1 INVITE<br/>P-Asserted-Identity: "10003" &lt;sip:10003@www.scme30k.com&gt;<br/>Via: SIP/2.0/UDP<br/>23.30.165.21:5060;rport=5060;branch=z9hG4bK-18298-5e62364-2e40c6f<br/>Contact: &lt;sip:10003@23.30.160.170:5060&gt;<br/>Content-Length: 0</p> <p>NOTIFY sip:010001@23.30.165.21 SIP/2.0<br/>From: &lt;sip:10003@www.scme30k.com&gt;;tag=e734ef87-39f1-4cb3-9923-04bb1ce53794</p> |

(Continued)

| No.              | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference-Adhoc | <p>To: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=572310-15a51e17-13c4-50022-18298-168f8b71-18298<br/> Call-ID: 5752d8-15a51e17-13c4-50022-18298-75576a3-18298<br/> CSeq: 1 NOTIFY<br/> Via: SIP/2.0/UDP<br/> 23.30.160.170:5060;rport;branch=z9hG4bK-a77b1-28e38bce-68d87e2b<br/> Event: scm-<br/> softmenu;version="SCMExpress_1.0.0";type=update-<br/> softmenu-volatile<br/> Max-Forwards: 70<br/> Contact: &lt;sip:10003@23.30.160.170:5060&gt;<br/> Content-Type: application/scm-profile+xml<br/> Content-Length: 197</p> <pre>&lt;?xml version="1.0"?&gt; &lt;scm-softmenu&gt;   &lt;temporary&gt;     &lt;charset&gt;euc-kr&lt;/charset&gt;     &lt;function idx="1" display="Call Back" attribute="spd" num="*16110003" enable="1"/&gt;   &lt;/temporary&gt; &lt;/scm-softmenu&gt;</pre> <p>SIP/2.0 200 OK<br/> From: &lt;sip:10003@www.scme30k.com&gt;;tag=e734ef87-39f1-4cb3-9923-04bb1ce53794<br/> To: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=572310-15a51e17-13c4-50022-18298-168f8b71-18298<br/> Call-ID: 5752d8-15a51e17-13c4-50022-18298-75576a3-18298<br/> CSeq: 1 NOTIFY<br/> Via: SIP/2.0/UDP<br/> 23.30.160.170:5060;rport=5060;branch=z9hG4bK-a77b1-28e38bce-68d87e2b<br/> Supported: timer,replaces<br/> Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,<br/> SUBSCRIBE,NOTIFY,PUBLISH<br/> Contact: &lt;sip:010001@23.30.165.21&gt;<br/> Allow-Events: talk,hold<br/> Content-Length: 0</p> |

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| No.              | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference-Adhoc | <p>SIP/2.0 200 OK</p> <p>From:</p> <p>"Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=5481ef41-df38-44e1-b248-3c019edc3c42</p> <p>To: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=10131118-9a51e17-13c4-50022-116a9f-1978d19b-116a9f</p> <p>Call-ID: 11e2c749-aba7-4f08-8b2a-70bbb1de2d69@www.scme30k.com</p> <p>CSeq: 1 INVITE</p> <p>Via: SIP/2.0/UDP</p> <p>23.30.160.170:5060;rport=5060;branch=z9hG4bK-a77b0-28e38aa6-707ad1bd</p> <p>Supported: timer,replaces</p> <p>Require: timer</p> <p>P-Preferred-Identity: "10003"&lt;sip:10003@www.scme30k.com&gt;</p> <p>Contact: &lt;sip:10003@23.30.165.9&gt;</p> <p>Session-Expires: 1800;refresher=uac</p> <p>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH</p> <p>Allow-Events: talk,hold</p> <p>Content-Type: application/sdp</p> <p>Content-Length: 263</p> <p>v=0</p> <p>o=SAMSUNG_IP_PHONE 1334689412 1 IN IP4 23.30.165.9</p> <p>s=SAMSUNG_VOIP_CALL</p> <p>c=IN IP4 23.30.165.9</p> <p>t=0 0</p> <p>m=audio 20130 RTP/SAVP 8</p> <p>a=rtpmap:8 PCMA/8000</p> <p>a=ptime:20</p> <p>a=sendrecv</p> <p>a=crypto:1 AES_CM_128_HMAC_SHA1_80</p> <p>inline:GAR4wmgsL4KyVxpbXUn19+nj2IeO3qbCfTU+a9k5</p> <p>SIP/2.0 200 OK</p> <p>From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=572310-15a51e17-13c4-50022-18298-168f8b71-18298</p> <p>To: &lt;sip:10003@www.scme30k.com&gt;;tag=e734ef87-39f1-4cb3-9923-04bb1ce53794</p> <p>Call-ID: 5752d8-15a51e17-13c4-50022-18298-75576a3-18298</p> <p>CSeq: 1 INVITE</p> |



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| No.              | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference-Adhoc | <p>Supported: replaces, timer</p> <p>P-Asserted-Identity: "10003" &lt;sip:10003@www.scme30k.com&gt;</p> <p>Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE,NOTIFY,UPDATE,PUBLISH</p> <p>Via: SIP/2.0/UDP</p> <p>23.30.165.21:5060;rport=5060;branch=z9hG4bK-18298-5e62364-2e40c6f</p> <p>Contact: &lt;sip:10003@23.30.160.170:5060&gt;</p> <p>Session-Expires: 1800;refresher=uas</p> <p>Content-Type: application/sdp</p> <p>Content-Length: 251</p> <p>v=0</p> <p>o=10003 1334689412 1 IN IP4 23.30.160.170</p> <p>s=Samsung IP PBX</p> <p>c=IN IP4 23.30.165.9</p> <p>t=0 0</p> <p>m=audio 20130 RTP/SAVP 8</p> <p>a=rtpmap:8 PCMA/8000</p> <p>a=ptime:20</p> <p>a=sendrecv</p> <p>a=crypto:1 AES_CM_128_HMAC_SHA1_80</p> <p>inline:GAr4wmngSL4KyVxpbXUn19+nj2IeO3qbCfTU+a9k5</p> <p>ACK sip:10003@23.30.160.170:5060 SIP/2.0</p> <p>From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=572310-15a51e17-13c4-50022-18298-168f8b71-18298</p> <p>To: &lt;sip:10003@www.scme30k.com&gt;;tag=e734ef87-39f1-4cb3-9923-04bb1ce53794</p> <p>Call-ID: 5752d8-15a51e17-13c4-50022-18298-75576a3-18298</p> <p>CSeq: 1 ACK</p> <p>Via: SIP/2.0/UDP 23.30.165.21:5060;rport;branch=z9hG4bK-1829a-5e6299a-4549039a</p> <p>Max-Forwards: 70</p> <p>User-Agent: SAMSUNG-SMT-i5243/V01.38</p> <p>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH</p> <p>Contact: &lt;sip:010001@23.30.165.21&gt;</p> <p>Allow-Events: talk,hold</p> <p>Content-Length: 0</p> |

(Continued)

| No.              | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference-Adhoc | <p>ACK sip:10003@23.30.165.9 SIP/2.0</p> <p>From:</p> <p>"Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=5481ef41-df38-44e1-b248-3c019edc3c42</p> <p>To: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=10131118-9a51e17-13c4-50022-116a9f-1978d19b-116a9f</p> <p>Call-ID: 11e2c749-aba7-4f08-8b2a-70bbb1de2d69@www.scme30k.com</p> <p>CSeq: 1 ACK</p> <p>Via: SIP/2.0/UDP</p> <p>23.30.160.170:5060;rport;branch=z9hG4bK-a77b2-28e390d8-51fac2d6</p> <p>Max-Forwards: 70</p> <p>Contact: &lt;sip:010001@23.30.160.170:5060&gt;</p> <p>Content-Length: 0</p><br><p>INVITE sip:10003@23.30.160.170:5060 SIP/2.0</p> <p>From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=572310-15a51e17-13c4-50022-18298-168f8b71-18298</p> <p>To: &lt;sip:10003@www.scme30k.com&gt;;tag=e734ef87-39f1-4cb3-9923-04bb1ce53794</p> <p>Call-ID: 5752d8-15a51e17-13c4-50022-18298-75576a3-18298</p> <p>CSeq: 2 INVITE</p> <p>Via: SIP/2.0/UDP</p> <p>23.30.165.21:5060;rport=5060;branch=z9hG4bK-1829b-5e62ea4-60eb6386</p> <p>P-Sec-Event: scm-csta;type="conference"</p> <p>Max-Forwards: 70</p> <p>Supported: timer,replaces</p> <p>P-Preferred-Identity:</p> <p>"Michael"&lt;sip:010001@www.scme30k.com&gt;</p> <p>User-Agent: SAMSUNG-SMT-i5243/V01.38</p> <p>Contact: &lt;sip:010001@23.30.165.21&gt;</p> <p>Session-Expires: 1800;refresher=uas</p> <p>Min-SE: 90</p> <p>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH</p> <p>Allow-Events: talk,hold</p> <p>Content-Type: application/sdp</p> <p>Content-Length: 452</p> |

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| No.              | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference-Adhoc | <pre> v=0 o=SAMSUNG_IP_PHONE 1334689386 1 IN IP4 23.30.165.21 s=SAMSUNG_VOIP_CALL c=IN IP4 23.30.165.21 t=0 0 m=audio 20038 RTP/SAVP 8 0 18 9 102 a=rtpmap:8 PCMA/8000 a=rtpmap:0 PCMU/8000 a=rtpmap:18 G729/8000 a=rtpmap:9 G722/8000 a=rtpmap:102 iLBC/8000 a=ptime:20 a=inactive a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:Y+o4gc5TR2Ss0ZTLSDwUF6EolfHx36+/nD8d193j a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:u2x08M7GYZo+EKlYV9rVmk32JViCFF5fMbY1zSpH  SIP/2.0 100 Trying From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=572310-15a51e17-13c4-50022-18298-168f8b71-18298 To: &lt;sip:10003@www.scme30k.com&gt;;tag=e734ef87-39f1-4cb3-9923-04bb1ce53794 Call-ID: 5752d8-15a51e17-13c4-50022-18298-75576a3-18298 CSeq: 2 INVITE Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-1829b-5e62ea4-60eb6386 Contact: &lt;sip:10003@23.30.160.170:5060&gt; Content-Length: 0  INVITE sip:10003@23.30.165.9 SIP/2.0 From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=5481ef41-df38-44e1-b248-3c019edc3c42 To: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=10131118-9a51e17-13c4-50022-116a9f-1978d19b-116a9f Call-ID: 11e2c749-aba7-4f08-8b2a-70bbb1de2d69@www.scme30k.com CSeq: 2 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a77b3-28e395e2-16179d4e </pre> |

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| No.              | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference-Adhoc | <p>Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE,NOTIFY,UPDATE,PUBLISH</p> <p>P-Asserted-Identity: "Michael"</p> <p>&lt;sip:010001@www.scme30k.com&gt;</p> <p>Supported: replaces, timer</p> <p>Max-Forwards: 70</p> <p>Contact: &lt;sip:010001@23.30.160.170:5060&gt;</p> <p>Session-Expires: 1800;refresher=uac</p> <p>Min-SE: 90</p> <p>Content-Type: application/sdp</p> <p>Content-Length: 487</p> <p>v=0</p> <p>o=010001 100081 100081 IN IP4 23.30.160.170</p> <p>s=Samsung IP PBX</p> <p>c=IN IP4 23.30.160.170</p> <p>t=0 0</p> <p>m=audio 35000 RTP/SAVP 8 18 0</p> <p>a=rtpmap:8 PCMA/8000</p> <p>a=rtpmap:18 G729/8000</p> <p>a=rtpmap:0 PCMU/8000</p> <p>a=ptime:20</p> <p>a=sendonly</p> <p>a=crypto:1 AES_CM_128_HMAC_SHA1_80</p> <p>inline:OXVc3/LdElOkNbBIyJrx3uWyqCCvXX24FDopko2t</p> <p>a=crypto:2 ARIA_CM_128_HMAC_SHA1_80</p> <p>inline:OXVc3/LdElOkNbBIyJrx3uWyqCCvXX24FDopko2t</p> <p>a=crypto:3 ARIA_CM_192_HMAC_SHA1_80</p> <p>inline:OXVc3/LdElOkNbBIyJrx3uWyqCCvXX24FDopko2tCanfL+wjTF0=</p> <p>SIP/2.0 200 OK</p> <p>From:</p> <p>"Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=5481ef41-df38-44e1-b248-3c019edc3c42</p> <p>To: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=10131118-9a51e17-13c4-50022-116a9f-1978d19b-116a9f</p> <p>Call-ID: 11e2c749-aba7-4f08-8b2a-70bbb1de2d69@www.scme30k.com</p> <p>CSeq: 2 INVITE</p> <p>Via: SIP/2.0/UDP</p> <p>23.30.160.170:5060;rport=5060;branch=z9hG4bK-a77b3-28e395e2-16179d4e</p> |

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| No.              | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference-Adhoc | <p>Supported: timer, replaces<br/> Require: timer<br/> P-Preferred-Identity: "10003"&lt;sip:10003@www.scme30k.com&gt;<br/> Contact: &lt;sip:10003@23.30.165.9&gt;<br/> Session-Expires: 1800;refresher=uac<br/> Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,<br/> SUBSCRIBE,NOTIFY,PUBLISH<br/> Allow-Events: talk,hold<br/> Content-Type: application/sdp<br/> Content-Length: 263</p> <p>v=0<br/> o=SAMSUNG_IP_PHONE 1334689412 2 IN IP4 23.30.165.9<br/> s=SAMSUNG_VOIP_CALL<br/> c=IN IP4 23.30.165.9<br/> t=0 0<br/> m=audio 20132 RTP/SAVP 8<br/> a=rtpmap:8 PCMA/8000<br/> a=ptime:20<br/> a=recvonly<br/> a=crypto:1 AES_CM_128_HMAC_SHA1_80<br/> inline:GAr4wmgSL4KyVxpbXUn19+nj2IeO3qbCfTU+a9k5</p> <p>SIP/2.0 200 OK<br/> From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=572310-15a51e17-13c4-50022-18298-168f8b71-18298<br/> To: &lt;sip:10003@www.scme30k.com&gt;;tag=e734ef87-39f1-4cb3-9923-04bb1ce53794<br/> Call-ID: 5752d8-15a51e17-13c4-50022-18298-75576a3-18298<br/> CSeq: 2 INVITE<br/> Supported: replaces, timer<br/> P-Asserted-Identity: "10003" &lt;sip:10003@www.scme30k.com&gt;<br/> Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE,<br/> NOTIFY,UPDATE,PUBLISH<br/> Via: SIP/2.0/UDP<br/> 23.30.165.21:5060;rport=5060;branch=z9hG4bK-1829b-5e62ea4-60eb6386<br/> Contact: &lt;sip:10003@23.30.160.170:5060&gt;<br/> Session-Expires: 1800;refresher=uas<br/> Content-Type: application/sdp<br/> Content-Length: 261</p> |

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| No.              | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference-Adhoc | <pre> v=0 o=10003 1334689412 2 IN IP4 23.30.165.9 s=Samsung IP PBX c=IN IP4 23.30.165.9 t=0 0 a=inactive m=audio 20132 RTP/SAVP 8 a=rtpmap:8 PCMA/8000 a=ptime:20 a=inactive a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:GAr4wmgSL4KyVxpbXUn19+nj2IeO3qbCfTU+a9k5  ACK sip:10003@23.30.160.170:5060 SIP/2.0 From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=572310-15a51e17-13c4-50022-18298-168f8b71-18298 To: &lt;sip:10003@www.scme30k.com&gt;;tag=e734ef87-39f1-4cb3-9923-04bb1ce53794 Call-ID: 5752d8-15a51e17-13c4-50022-18298-75576a3-18298 CSeq: 2 ACK Via: SIP/2.0/UDP 23.30.165.21:5060;rport;branch=z9hG4bK-1829b-5e62f30-4ff19662 Max-Forwards: 70 User-Agent: SAMSUNG-SMT-i5243/V01.38 Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH Contact: &lt;sip:010001@23.30.165.21&gt; Allow-Events: talk,hold Content-Length: 0  ACK sip:10003@23.30.165.9 SIP/2.0 From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=5481ef41-df38-44e1-b248-3c019edc3c42 To: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=10131118-9a51e17-13c4-50022-116a9f-1978d19b-116a9f Call-ID: 11e2c749-aba7-4f08-8b2a-70bbb1de2d69@www.scme30k.com CSeq: 2 ACK Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a77b3-28e39666-590e726f </pre> |

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| No.              | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference-Adhoc | <p>Max-Forwards: 70</p> <p>Contact: &lt;sip:010001@23.30.160.170:5060&gt;</p> <p>Content-Length: 0</p> <p>INVITE sip:020001@www.scme30k.com SIP/2.0</p> <p>From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=572e38-15a51e17-13c4-50022-1829e-7634e161-1829e</p> <p>To: &lt;sip:020001@www.scme30k.com&gt;</p> <p>Call-ID: 5754b8-15a51e17-13c4-50022-1829e-294c4d93-1829e</p> <p>CSeq: 1 INVITE</p> <p>Via: SIP/2.0/UDP</p> <p>23.30.165.21:5060;rport=5060;branch=z9hG4bK-1829e-5e63c3c-418c39f</p> <p>Max-Forwards: 70</p> <p>Supported: timer,replaces</p> <p>P-Preferred-Identity:</p> <p>"Michael"&lt;sip:010001@www.scme30k.com&gt;</p> <p>User-Agent: SAMSUNG-SMT-i5243/V01.38</p> <p>Contact: &lt;sip:010001@23.30.165.21&gt;</p> <p>Session-Expires: 1800;refresher=uas</p> <p>Min-SE: 90</p> <p>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH</p> <p>Allow-Events: talk,hold</p> <p>Content-Type: application/sdp</p> <p>Content-Length: 508</p> <p>v=0</p> <p>o=SAMSUNG_IP_PHONE 1334689393 0 IN IP4 23.30.165.21</p> <p>s=SAMSUNG_VOIP_CALL</p> <p>c=IN IP4 23.30.165.21</p> <p>t=0 0</p> <p>m=audio 20040 RTP/SAVP 8 0 18 9 102 101</p> <p>a=rtpmap:8 PCMA/8000</p> <p>a=rtpmap:0 PCMU/8000</p> <p>a=rtpmap:18 G729/8000</p> <p>a=rtpmap:9 G722/8000</p> <p>a=rtpmap:102 iLBC/8000</p> <p>a=rtpmap:101 telephone-event/8000</p> <p>a=fmtp:101 0-15</p> <p>aptime:20</p> <p>a=sendrecv</p> |

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| No.              | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference-Adhoc | <pre> a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:ng+xoVCM3nc4hqZQTQYcCUURZ0ffubUc9gsNpHop a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:wzqkyXLE/FrcY9Ffx9KRUzhooe1T71kUfsgyNHb4  SIP/2.0 100 Trying From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=572e38-15a51e17-13c4-50022-1829e-7634e161-1829e To: &lt;sip:020001@www.scme30k.com&gt; Call-ID: 5754b8-15a51e17-13c4-50022-1829e-294c4d93-1829e CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-1829e-5e63c3c-418c39f Contact: &lt;sip:020001@www.scme30k.com&gt; Content-Length: 0  INVITE sip:020001@23.30.165.17 SIP/2.0 From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=63dee8a6-f7d3-4148-b3f3-ee46f65cc6cd To: "Sandy"&lt;sip:020001@www.scme30k.com&gt; Call-ID: 2ca1d6f9-a547-4bbe-9428-1a8167142037@www.scme30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a77b7-28e3a378-357c8286 P-Asserted-Identity: "Michael" &lt;sip:010001@www.scme30k.com&gt; Supported: replaces, timer Max-Forwards: 70 Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE,NOTIFY,UPDATE,PUBLISH Contact: &lt;sip:010001@23.30.160.170:5060&gt; Session-Expires: 1800;refresher=uac Min-SE: 90 Content-Type: application/sdp Content-Length: 366 </pre> |



(Continued)

| No.              | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference-Adhoc | <pre> v=0 o=010001 1334689393 0 IN IP4 23.30.165.21 s=Samsung IP PBX c=IN IP4 23.30.165.21 t=0 0 a=sendrecv m=audio 20040 RTP/SAVP 8 a=rtpmap:8 PCMA/8000 a=fmtp:101 0-15 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:ng+xoVCM3nc4hqZQTQYcCUURZ0ffubUc9gsNpHop a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:wzqkyXLE/FrcY9Ffx9KRUzhooelT71kUfsgyNHb4  SIP/2.0 100 Trying From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=63dee8a6-f7d3-4148-b3f3-ee46f65cc6cd To: "Sandy"&lt;sip:020001@www.scme30k.com&gt; Call-ID: 2ca1d6f9-a547-4bbe-9428-1a8167142037@www.scme30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-a77b7-28e3a378-357c8286 Supported: timer,replaces P-Preferred-Identity: "Sandy"&lt;sip:020001@www.scme30k.com&gt; Contact: &lt;sip:020001@23.30.165.17&gt; Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Length: 0  SIP/2.0 180 Ringing From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=63dee8a6-f7d3-4148-b3f3-ee46f65cc6cd To: "Sandy"&lt;sip:020001@www.scme30k.com&gt;;tag=101a1f18-11a51e17-13c4-50022-269cb6-7b3ff7d4-269cb6 </pre> |

(Continued)

| No.              | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference-Adhoc | <p>Call-ID: 2ca1d6f9-a547-4bbe-9428-1a8167142037@www.scme30k.com</p> <p>CSeq: 1 INVITE</p> <p>Via: SIP/2.0/UDP<br/>23.30.160.170:5060;rport=5060;branch=z9hG4bK-a77b7-28e3a378-357c8286</p> <p>Supported: timer,replaces</p> <p>P-Preferred-Identity:<br/>"Sandy"&lt;sip:020001@www.scme30k.com&gt;</p> <p>Contact: &lt;sip:020001@23.30.165.17&gt;</p> <p>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,<br/>SUBSCRIBE,NOTIFY,PUBLISH</p> <p>Allow-Events: talk,hold</p> <p>Content-Length: 0</p> <p>SIP/2.0 180 Ringing</p> <p>From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=572e38-15a51e17-13c4-50022-1829e-7634e161-1829e</p> <p>To: &lt;sip:020001@www.scme30k.com&gt;;tag=09663fa9-6458-4e00-a1ee-a618b1dbcc53</p> <p>Call-ID: 5754b8-15a51e17-13c4-50022-1829e-294c4d93-1829e</p> <p>CSeq: 1 INVITE</p> <p>P-Asserted-Identity: "Sandy"<br/>&lt;sip:020001@www.scme30k.com&gt;</p> <p>Via: SIP/2.0/UDP<br/>23.30.165.21:5060;rport=5060;branch=z9hG4bK-1829e-5e63c3c-418c39f</p> <p>Contact: &lt;sip:020001@23.30.160.170:5060&gt;</p> <p>Content-Length: 0</p> <p>NOTIFY sip:010001@23.30.165.21 SIP/2.0</p> <p>From: &lt;sip:020001@www.scme30k.com&gt;;tag=09663fa9-6458-4e00-a1ee-a618b1dbcc53</p> <p>To: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=572e38-15a51e17-13c4-50022-1829e-7634e161-1829e</p> <p>Call-ID: 5754b8-15a51e17-13c4-50022-1829e-294c4d93-1829e</p> <p>CSeq: 1 NOTIFY</p> <p>Via: SIP/2.0/UDP<br/>23.30.160.170:5060;rport;branch=z9hG4bK-a77b7-28e3a4c5-575ef284</p> |

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| No.              | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference-Adhoc | <pre> Event: scm- softmenu;version="SCMExpress_1.0.0";type=update- softmenu-volatile Max-Forwards: 70 Contact: &lt;sip:020001@23.30.160.170:5060&gt; Content-Type: application/scm-profile+xml Content-Length: 198  &lt;?xml version="1.0"?&gt; &lt;scm-softmenu&gt;   &lt;temporary&gt;     &lt;charset&gt;euc-kr&lt;/charset&gt;     &lt;function idx="1" display="Call Back" attribute="spd" num="*161020001" enable="1"/&gt;   &lt;/temporary&gt; &lt;/scm-softmenu&gt;  SIP/2.0 200 OK From: &lt;sip:020001@www.scme30k.com&gt;;tag=09663fa9-6458- 4e00-a1ee-a618b1dbcc53 To: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=572e38- 15a51e17-13c4-50022-1829e-7634e161-1829e Call-ID: 5754b8-15a51e17-13c4-50022-1829e-294c4d93-1829e CSeq: 1 NOTIFY Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-a77b7- 28e3a4c5-575ef284 Supported: timer,replaces Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Contact: &lt;sip:010001@23.30.165.21&gt; Allow-Events: talk,hold Content-Length: 0  SIP/2.0 200 OK From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=63dee8a6-f7d3- 4148-b3f3-ee46f65cc6cd To: "Sandy"&lt;sip:020001@www.scme30k.com&gt;;tag=101a1f18- 11a51e17-13c4-50022-269cb6-7b3ff7d4-269cb6 Call-ID: 2ca1d6f9-a547-4bbe-9428- 1a8167142037@www.scme30k.com </pre> |

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| No.              | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference-Adhoc | <p> CSeq: 1 INVITE<br/> Via: SIP/2.0/UDP<br/> 23.30.160.170:5060;rport=5060;branch=z9hG4bK-a77b7-28e3a378-357c8286<br/> Supported: timer,replaces<br/> Require: timer<br/> P-Preferred-Identity:<br/> "Sandy"&lt;sip:020001@www.scme30k.com&gt;<br/> Contact: &lt;sip:020001@23.30.165.17&gt;<br/> Session-Expires: 1800;refresher=uac<br/> Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,<br/> SUBSCRIBE,NOTIFY,PUBLISH<br/> Allow-Events: talk,hold<br/> Content-Type: application/sdp<br/> Content-Length: 265<br/><br/> v=0<br/> o=SAMSUNG_IP_PHONE 1334689405 1 IN IP4 23.30.165.17<br/> s=SAMSUNG_VOIP_CALL<br/> c=IN IP4 23.30.165.17<br/> t=0 0<br/> m=audio 20082 RTP/SAVP 8<br/> a=rtpmap:8 PCMA/8000<br/> a=ptime:20<br/> a=sendrecv<br/> a=crypto:1 AES_CM_128_HMAC_SHA1_80<br/> inline:arE5WGA9Ob/ri+bArNALcIIInR+e4RUclXyNg7pbW<br/><br/> SIP/2.0 200 OK<br/> From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=572e38-15a51e17-13c4-50022-1829e-7634e161-1829e<br/> To: &lt;sip:020001@www.scme30k.com&gt;;tag=09663fa9-6458-4e00-a1ee-a618b1dbcc53<br/> Call-ID: 5754b8-15a51e17-13c4-50022-1829e-294c4d93-1829e<br/> CSeq: 1 INVITE<br/> Supported: replaces, timer<br/> P-Asserted-Identity: "Sandy"<br/> &lt;sip:020001@www.scme30k.com&gt;<br/> Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE,<br/> NOTIFY,UPDATE,PUBLISH<br/> Via: SIP/2.0/UDP<br/> 23.30.165.21:5060;rport=5060;branch=z9hG4bK-1829e-5e63c3c-418c39f </p> |

(Continued)

| No.              | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference-Adhoc | <p>Contact: &lt;sip:020001@23.30.160.170:5060&gt;<br/> Session-Expires: 1800;refresher=uas<br/> Content-Type: application/sdp<br/> Content-Length: 253</p> <p>v=0<br/> o=020001 1334689405 1 IN IP4 23.30.160.170<br/> s=Samsung IP PBX<br/> c=IN IP4 23.30.165.17<br/> t=0 0<br/> m=audio 20082 RTP/SAVP 8<br/> a=rtpmap:8 PCMA/8000<br/> a=ptime:20<br/> a=sendrecv<br/> a=crypto:1 AES_CM_128_HMAC_SHA1_80<br/> inline:arE5WGA9Ob/ri+bArNALcIIInR+e4RUclXyNg7pbW</p> <p>ACK sip:020001@23.30.160.170:5060 SIP/2.0<br/> From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=572e38-15a51e17-13c4-50022-1829e-7634e161-1829e<br/> To: &lt;sip:020001@www.scme30k.com&gt;;tag=09663fa9-6458-4e00-alee-a618b1dbcc53<br/> Call-ID: 5754b8-15a51e17-13c4-50022-1829e-294c4d93-1829e<br/> CSeq: 1 ACK<br/> Via: SIP/2.0/UDP 23.30.165.21:5060;rport;branch=z9hG4bK-182a1-5e6484e-452134e4<br/> Max-Forwards: 70<br/> User-Agent: SAMSUNG-SMT-i5243/V01.38<br/> Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH<br/> Contact: &lt;sip:010001@23.30.165.21&gt;<br/> Allow-Events: talk,hold<br/> Content-Length: 0</p> <p>ACK sip:020001@23.30.165.17 SIP/2.0<br/> From:<br/> "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=63dee8a6-f7d3-4148-b3f3-ee46f65cc6cd<br/> To: "Sandy"&lt;sip:020001@www.scme30k.com&gt;;tag=101a1f18-11a51e17-13c4-50022-269cb6-7b3ff7d4-269cb6<br/> Call-ID: 2ca1d6f9-a547-4bbe-9428-1a8167142037@www.scme30k.com<br/> CSeq: 1 ACK</p> |

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| No.              | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference-Adhoc | <p>Via: SIP/2.0/UDP<br/>23.30.160.170:5060;rport;branch=z9hG4bK-a77ba-28e3af89-516016e9<br/>Max-Forwards: 70<br/>Contact: &lt;sip:010001@23.30.160.170:5060&gt;<br/>Content-Length: 0</p> <p>INVITE sip:020001@23.30.160.170:5060 SIP/2.0<br/>From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=572e38-15a51e17-13c4-50022-1829e-7634e161-1829e<br/>To: &lt;sip:020001@www.scme30k.com&gt;;tag=09663fa9-6458-4e00-a1ee-a618b1dbcc53<br/>Call-ID: 5754b8-15a51e17-13c4-50022-1829e-294c4d93-1829e<br/>CSeq: 2 INVITE<br/>Via: SIP/2.0/UDP<br/>23.30.165.21:5060;rport=5060;branch=z9hG4bK-182a3-5e64cc2-1f02ac4a<br/>P-Sec-Event: scm-csta;type="conference-ready"<br/>Max-Forwards: 70<br/>Supported: timer,replaces<br/>P-Preferred-Identity:<br/>"Michael"&lt;sip:010001@www.scme30k.com&gt;<br/>User-Agent: SAMSUNG-SMT-i5243/V01.38<br/>Contact: &lt;sip:010001@23.30.165.21&gt;<br/>Session-Expires: 1800;refresher=uas<br/>Min-SE: 90<br/>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH<br/>Allow-Events: talk,hold<br/>Content-Type: application/sdp<br/>Content-Length: 452</p> <p>v=0<br/>o=SAMSUNG_IP_PHONE 1334689393 1 IN IP4 23.30.165.21<br/>s=SAMSUNG_VOIP_CALL<br/>c=IN IP4 23.30.165.21<br/>t=0 0<br/>m=audio 20042 RTP/SAVP 8 0 18 9 102<br/>a=rtpmap:8 PCMA/8000<br/>a=rtpmap:0 PCMU/8000<br/>a=rtpmap:18 G729/8000<br/>a=rtpmap:9 G722/8000</p> |

(Continued)

| No.              | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference-Adhoc | <pre> a=rtpmap:102 iLBC/8000 a=ptime:20 a=inactive a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:ng+xoVCM3nc4hqZQTQYcCUURZ0ffubUc9gsNpHop a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:wzqkyXLE/FrcY9Ffx9KRUzhooelT71kUfsgyNHb4  SIP/2.0 100 Trying From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=572e38-15a51e17-13c4-50022-1829e-7634e161-1829e To: &lt;sip:020001@www.scme30k.com&gt;;tag=09663fa9-6458-4e00-a1ee-a618b1dbcc53 Call-ID: 5754b8-15a51e17-13c4-50022-1829e-294c4d93-1829e CSeq: 2 INVITE Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-182a3-5e64cc2-1f02ac4a Contact: &lt;sip:020001@23.30.160.170:5060&gt; Content-Length: 0  INVITE sip:020001@23.30.165.17 SIP/2.0 From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=63dee8a6-f7d3-4148-b3f3-ee46f65cc6cd To: "Sandy"&lt;sip:020001@www.scme30k.com&gt;;tag=101a1f18-11a51e17-13c4-50022-269cb6-7b3ff7d4-269cb6 Call-ID: 2ca1d6f9-a547-4bbe-9428-1a8167142037@www.scme30k.com CSeq: 2 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a77bb-28e3b400-4e332c0b Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE,NOTIFY,UPDATE,PUBLISH P-Asserted-Identity: "Michael" &lt;sip:010001@www.scme30k.com&gt; Supported: replaces, timer Max-Forwards: 70 Contact: &lt;sip:010001@23.30.160.170:5060&gt; Session-Expires: 1800;refresher=uac Min-SE: 90 Content-Type: application/sdp Content-Length: 487 </pre> |

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| No.              | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference-Adhoc | v=0<br>o=010001 100082 100082 IN IP4 23.30.160.170<br>s=Samsung IP PBX<br>c=IN IP4 23.30.160.170<br>t=0 0<br>m=audio 35004 RTP/SAVP 8 18 0<br>a=rtpmap:8 PCMA/8000<br>a=rtpmap:18 G729/8000<br>a=rtpmap:0 PCMU/8000<br>a=ptime:20<br>a=sendonly<br>a=crypto:1 AES_CM_128_HMAC_SHA1_80<br>inline:84Lc157d86YvT8+xE21V9Lsfh+YhMF3g337z/wI<br>a=crypto:2 ARIA_CM_128_HMAC_SHA1_80<br>inline:84Lc157d86YvT8+xE21V9Lsfh+YhMF3g337z/wI<br>a=crypto:3 ARIA_CM_192_HMAC_SHA1_80<br>inline:84Lc157d86YvT8+xE21V9Lsfh+YhMF3g337z/wI2Fo4WMrTd<br>O6=<br><br>SIP/2.0 200 OK<br>From:<br>"Michael"<sip:010001@www.scme30k.com>;tag=63dee8a6-f7d3-4148-b3f3-ee46f65cc6cd<br>To: "Sandy"<sip:020001@www.scme30k.com>;tag=101a1f18-11a51e17-13c4-50022-269cb6-7b3ff7d4-269cb6<br>Call-ID: 2ca1d6f9-a547-4bbe-9428-1a8167142037@www.scme30k.com<br>CSeq: 2 INVITE<br>Via: SIP/2.0/UDP<br>23.30.160.170:5060;rport=5060;branch=z9hG4bK-a77bb-28e3b400-4e332c0b<br>Supported: timer,replaces<br>Require: timer<br>P-Preferred-Identity:<br>"Sandy"<sip:020001@www.scme30k.com><br>Contact: <sip:020001@23.30.165.17><br>Session-Expires: 1800;refresher=uac<br>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH<br>Allow-Events: talk,hold<br>Content-Type: application/sdp<br>Content-Length: 265 |



(Continued)

| No.              | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference-Adhoc | <pre> v=0 o=SAMSUNG_IP_PHONE 1334689405 2 IN IP4 23.30.165.17 s=SAMSUNG_VOIP_CALL c=IN IP4 23.30.165.17 t=0 0 m=audio 20084 RTP/SAVP 8 a=rtpmap:8 PCMA/8000 a=ptime:20 a=recvonly a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:arE5WGA9Ob/ri+bArNALcIIInR+e4RUclXyNg7pbW  SIP/2.0 200 OK From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=572e38-15a51e17-13c4-50022-1829e-7634e161-1829e To: &lt;sip:020001@www.scme30k.com&gt;;tag=09663fa9-6458-4e00-a1ee-a618b1dbcc53 Call-ID: 5754b8-15a51e17-13c4-50022-1829e-294c4d93-1829e CSeq: 2 INVITE Supported: replaces, timer P-Asserted-Identity: "Sandy" &lt;sip:020001@www.scme30k.com&gt; Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE,NOTIFY,UPDATE,PUBLISH Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-182a3-5e64cc2-1f02ac4a Contact: &lt;sip:020001@23.30.160.170:5060&gt; Session-Expires: 1800;refresher=uas Content-Type: application/sdp Content-Length: 264  v=0 o=020001 1334689405 2 IN IP4 23.30.165.17 s=Samsung IP PBX c=IN IP4 23.30.165.17 t=0 0 a=inactive m=audio 20084 RTP/SAVP 8 a=rtpmap:8 PCMA/8000 a=ptime:20 a=inactive a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:arE5WGA9Ob/ri+bArNALcIIInR+e4RUclXyNg7pbW </pre> |

(Continued)

| No.              | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference-Adhoc | <p>ACK sip:020001@23.30.160.170:5060 SIP/2.0<br/> From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=572e38-15a51e17-13c4-50022-1829e-7634e161-1829e<br/> To: &lt;sip:020001@www.scme30k.com&gt;;tag=09663fa9-6458-4e00-a1ee-a618b1dbcc53<br/> Call-ID: 5754b8-15a51e17-13c4-50022-1829e-294c4d93-1829e<br/> CSeq: 2 ACK<br/> Via: SIP/2.0/UDP 23.30.165.21:5060;rport;branch=z9hG4bK-182a3-5e64d3a-578bf8f6<br/> Max-Forwards: 70<br/> User-Agent: SAMSUNG-SMT-i5243/V01.38<br/> Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH<br/> Contact: &lt;sip:010001@23.30.165.21&gt;<br/> Allow-Events: talk,hold<br/> Content-Length: 0</p> <p>ACK sip:020001@23.30.165.17 SIP/2.0<br/> From:<br/> "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=63dee8a6-f7d3-4148-b3f3-ee46f65cc6cd<br/> To: "Sandy"&lt;sip:020001@www.scme30k.com&gt;;tag=101a1f18-11a51e17-13c4-50022-269cb6-7b3ff7d4-269cb6<br/> Call-ID: 2ca1d6f9-a547-4bbe-9428-1a8167142037@www.scme30k.com<br/> CSeq: 2 ACK<br/> Via: SIP/2.0/UDP<br/> 23.30.160.170:5060;rport;branch=z9hG4bK-a77bb-28e3b475-73a62a10<br/> Max-Forwards: 70<br/> Contact: &lt;sip:010001@23.30.160.170:5060&gt;<br/> Content-Length: 0</p> <p>INVITE sip:*89@www.scme30k.com SIP/2.0<br/> From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=573960-15a51e17-13c4-50022-182a3-39267b87-182a3<br/> To: &lt;sip:*89@www.scme30k.com&gt;<br/> Call-ID: 575698-15a51e17-13c4-50022-182a3-5f187159-182a3<br/> CSeq: 1 INVITE<br/> Via: SIP/2.0/UDP<br/> 23.30.165.21:5060;rport=5060;branch=z9hG4bK-182a3-5e64e02-152f9cd</p> |

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| No.              | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference-Adhoc | <pre> Max-Forwards: 70 Supported: timer,replaces P-Preferred-Identity: "Michael"&lt;sip:010001@www.scme30k.com&gt; User-Agent: SAMSUNG-SMT-i5243/V01.38 Contact: &lt;sip:010001@23.30.165.21&gt; Session-Expires: 1800;refresher=uas Min-SE: 90 Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Type: application/sdp Content-Length: 508  v=0 o=SAMSUNG_IP_PHONE 1334689397 0 IN IP4 23.30.165.21 s=SAMSUNG_VOIP_CALL c=IN IP4 23.30.165.21 t=0 0 m=audio 20044 RTP/SAVP 8 0 18 9 102 101 a=rtpmap:8 PCMA/8000 a=rtpmap:0 PCMU/8000 a=rtpmap:18 G729/8000 a=rtpmap:9 G722/8000 a=rtpmap:102 iLBC/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:BggUwdEjsS1ItOAHqJjSX9zSGODtr5I6rgTC34+X a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:PwwRDSf7INYYITSGbgwL/AZqbN82NaIzUW0NuyD  SIP/2.0 100 Trying From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=573960- 15a51e17-13c4-50022-182a3-39267b87-182a3 To: &lt;sip:*89@www.scme30k.com&gt; Call-ID: 575698-15a51e17-13c4-50022-182a3-5f187159-182a3 CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-182a3- 5e64e02-152f9cd Contact: &lt;sip:*89@www.scme30k.com&gt; Content-Length: 0 </pre> |

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| No.              | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference-Adhoc | <p> INVITE sip:*89@www.scme30k.com:5090 SIP/2.0<br/> From:<br/> "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=9fb497db-00d1-4b8d-8089-6d3c7381516f<br/> To: &lt;sip:*89@www.scme30k.com&gt;<br/> Call-ID: 39aa4999-1c2c-40a2-9d68-9930aadae7a9@www.scme30k.com<br/> CSeq: 1 INVITE<br/> Via: SIP/2.0/UDP<br/> 23.30.160.170:5060;rport;branch=z9hG4bK-a77bb-28e3b575-72e7895<br/> P-Asserted-Identity: "Michael"<br/> &lt;sip:010001@www.scme30k.com&gt;<br/> Supported: replaces, timer<br/> Max-Forwards: 70<br/> Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE,NOTIFY,UPDATE,PUBLISH<br/> Contact: &lt;sip:010001@23.30.160.170:5060&gt;<br/> Session-Expires: 1800;refresher=uac<br/> Min-SE: 90<br/> Content-Type: application/sdp<br/> Content-Length: 496<br/><br/> v=0<br/> o=010001 1334689397 0 IN IP4 23.30.160.170<br/> s=Samsung IP PBX<br/> c=IN IP4 23.30.165.21<br/> t=0 0<br/> m=audio 20044 RTP/SAVP 8 0 18 9 102 101<br/> a=rtpmap:8 PCMA/8000<br/> a=rtpmap:0 PCMU/8000<br/> a=rtpmap:18 G729/8000<br/> a=rtpmap:9 G722/8000<br/> a=rtpmap:102 iLBC/8000<br/> a=rtpmap:101 telephone-event/8000<br/> a=fmtp:101 0-15<br/> a=ptime:20<br/> a=sendrecv<br/> a=crypto:1 AES_CM_128_HMAC_SHA1_80<br/> inline:BggUwdEjsS1ItOAHqJjSX9zSGODtr5I6rgTC34+X<br/> a=crypto:2 ARIA_CM_128_HMAC_SHA1_80<br/> inline:PwwRDSf7INYYITSGbguwL/AZqbN82NaIzUW0NuyD </p> |

(Continued)

| No.              | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference-Adhoc | <p>SIP/2.0 180 Ringing</p> <p>From:</p> <p>"Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=9fb497db-00d1-4b8d-8089-6d3c7381516f</p> <p>To: &lt;sip:*89@www.scme30k.com&gt;;tag=b4f7b3a0-0-13e2-50022-a77bb-2caeddce-a77bb</p> <p>Call-ID: 39aa4999-1c2c-40a2-9d68-9930aadae7a9@www.scme30k.com</p> <p>CSeq: 1 INVITE</p> <p>Via: SIP/2.0/UDP</p> <p>23.30.160.170:5060;received=127.0.0.1;rport=5060;branch=z9hG4bK-a77bb-28e3b575-72e7895</p> <p>Contact: &lt;sip:*89@www.scme30k.com:5090&gt;;isfocus</p> <p>Content-Length: 0</p><br><p>SIP/2.0 180 Ringing</p> <p>From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=573960-15a51e17-13c4-50022-182a3-39267b87-182a3</p> <p>To: &lt;sip:*89@www.scme30k.com&gt;;tag=7b64206f-7ffb-4b2c-a86e-da9eaa468027</p> <p>Call-ID: 575698-15a51e17-13c4-50022-182a3-5f187159-182a3</p> <p>CSeq: 1 INVITE</p> <p>Via: SIP/2.0/UDP</p> <p>23.30.165.21:5060;rport=5060;branch=z9hG4bK-182a3-5e64e02-152f9cd</p> <p>Contact: &lt;sip:*89@23.30.160.170:5060&gt;;isfocus</p> <p>Content-Length: 0</p><br><p>SIP/2.0 200 OK</p> <p>From:</p> <p>"Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=9fb497db-00d1-4b8d-8089-6d3c7381516f</p> <p>To: &lt;sip:*89@www.scme30k.com&gt;;tag=b4f7b3a0-0-13e2-50022-a77bb-2caeddce-a77bb</p> <p>Call-ID: 39aa4999-1c2c-40a2-9d68-9930aadae7a9@www.scme30k.com</p> <p>CSeq: 1 INVITE</p> <p>Via: SIP/2.0/UDP</p> <p>23.30.160.170:5060;received=127.0.0.1;rport=5060;branch=z9hG4bK-a77bb-28e3b575-72e7895</p> <p>Contact: &lt;sip:890004@23.30.160.170:5090&gt;;isfocus</p> <p>Reason: SIP ;cause=200 ;text="Conference"</p> <p>Content-Type: application/sdp</p> <p>Content-Length: 321</p> |

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| No.              | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference-Adhoc | <pre> v=0 o=890004@www.scme30k.com 0 0 IN IP4 127.0.0.1 s=Setup Conf c=IN IP4 23.30.160.170 t=0 0 m=audio 45006 RTP/SAVP 8 101 c=IN IP4 23.30.160.170 a=rtpmap:8 PCMA/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:2BVrl+WVcoYhEx2NapU0ai7Hfmc6kQHoRL/pljdp  SIP/2.0 200 OK From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=573960-15a51e17-13c4-50022-182a3-39267b87-182a3 To: &lt;sip:*89@www.scme30k.com&gt;;tag=7b64206f-7ffb-4b2c-a86e-da9eaa468027 Call-ID: 575698-15a51e17-13c4-50022-182a3-5f187159-182a3 CSeq: 1 INVITE Supported: timer Reason: Control ;cause=200 ;text="conference" Allow: UPDATE Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-182a3-5e64e02-152f9cd Contact: &lt;sip:890004@23.30.160.170:5060&gt;;isfocus Session-Expires: 1800;refresher=uas Content-Type: application/sdp Content-Length: 313  v=0 o=890004 0 0 IN IP4 23.30.160.170 s=Samsung IP PBX c=IN IP4 23.30.160.170 t=0 0 m=audio 45006 RTP/SAVP 8 101 c=IN IP4 23.30.160.170 a=rtpmap:8 PCMA/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:2BVrl+WVcoYhEx2NapU0ai7Hfmc6kQHoRL/pljdp </pre> |

(Continued)

| No.              | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference-Adhoc | <p>ACK sip:890004@23.30.160.170:5060 SIP/2.0<br/> From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=573960-15a51e17-13c4-50022-182a3-39267b87-182a3<br/> To: &lt;sip:*89@www.scme30k.com&gt;;tag=7b64206f-7ffb-4b2c-a86e-da9eaa468027<br/> Call-ID: 575698-15a51e17-13c4-50022-182a3-5f187159-182a3<br/> CSeq: 1 ACK<br/> Via: SIP/2.0/UDP 23.30.165.21:5060;rport;branch=z9hG4bK-182a3-5e64f6a-2c35fa95<br/> Max-Forwards: 70<br/> User-Agent: SAMSUNG-SMT-i5243/V01.38<br/> Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH<br/> Contact: &lt;sip:010001@23.30.165.21&gt;<br/> Allow-Events: talk,hold<br/> Content-Length: 0</p> <p>ACK sip:890004@23.30.160.170:5090 SIP/2.0<br/> From:<br/> "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=9fb497db-00d1-4b8d-8089-6d3c7381516f<br/> To: &lt;sip:*89@www.scme30k.com&gt;;tag=b4f7b3a0-0-13e2-50022-a77bb-2caeddce-a77bb<br/> Call-ID: 39aa4999-1c2c-40a2-9d68-9930aadae7a9@www.scme30k.com<br/> CSeq: 1 ACK<br/> Via: SIP/2.0/UDP<br/> 23.30.160.170:5060;rport;branch=z9hG4bK-a77bc-28e3b6a8-28ea9fa2<br/> Max-Forwards: 70<br/> Contact: &lt;sip:010001@23.30.160.170:5060&gt;<br/> Content-Length: 0</p> <p>REFER sip:020001@23.30.160.170:5060 SIP/2.0<br/> From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=572e38-15a51e17-13c4-50022-1829e-7634e161-1829e<br/> To: &lt;sip:020001@www.scme30k.com&gt;;tag=09663fa9-6458-4e00-a1ee-a618b1dbcc53<br/> Call-ID: 5754b8-15a51e17-13c4-50022-1829e-294c4d93-1829e<br/> CSeq: 3 REFER<br/> Via: SIP/2.0/UDP<br/> 23.30.165.21:5060;rport=5060;branch=z9hG4bK-182a3-5e64fce-12b18d19</p> |

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| No.              | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference-Adhoc | <p>Refer-To: &lt;sip:890004@www.scme30k.com&gt;<br/> Referred-By: &lt;sip:010001@www.scme30k.com&gt;<br/> Max-Forwards: 70<br/> Supported: timer,replaces<br/> Contact: &lt;sip:010001@23.30.165.21&gt;<br/> Content-Length: 0</p> <p>SIP/2.0 202 Accepted<br/> From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=572e38-15a51e17-13c4-50022-1829e-7634e161-1829e<br/> To: &lt;sip:020001@www.scme30k.com&gt;;tag=09663fa9-6458-4e00-a1ee-a618b1dbcc53<br/> Call-ID: 5754b8-15a51e17-13c4-50022-1829e-294c4d93-1829e<br/> CSeq: 3 REFER<br/> Via: SIP/2.0/UDP<br/> 23.30.165.21:5060;rport=5060;branch=z9hG4bK-182a3-5e64fce-12b18d19<br/> Contact: &lt;sip:020001@23.30.160.170:5060&gt;<br/> Content-Length: 0</p> <p>BYE sip:010001@23.30.165.21 SIP/2.0<br/> From: &lt;sip:020001@www.scme30k.com&gt;;tag=09663fa9-6458-4e00-a1ee-a618b1dbcc53<br/> To: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=572e38-15a51e17-13c4-50022-1829e-7634e161-1829e<br/> Call-ID: 5754b8-15a51e17-13c4-50022-1829e-294c4d93-1829e<br/> CSeq: 2 BYE<br/> Via: SIP/2.0/UDP<br/> 23.30.160.170:5060;rport;branch=z9hG4bK-a77bc-28e3b710-3f6e83e5<br/> Max-Forwards: 70<br/> Content-Length: 0</p> <p>INVITE sip:890004@www.scme30k.com:5090 SIP/2.0<br/> From: "Sandy"&lt;sip:020001@www.scme30k.com&gt;;tag=370ace65-8c3e-46c4-acf4-1c1d754351ec<br/> To: "890004"&lt;sip:890004@www.scme30k.com&gt;<br/> Call-ID: ef515cc2-1231-4724-ae4e-82d551baa4d8@www.scme30k.com<br/> CSeq: 1 INVITE<br/> Via: SIP/2.0/UDP<br/> 23.30.160.170:5060;rport;branch=z9hG4bK-a77bc-28e3b711-4ee96948</p> |



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| No.              | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference-Adhoc | <p>P-Asserted-Identity: "Sandy"<br/> &lt;sip:020001@www.scme30k.com&gt;<br/> Supported: 100rel, timer<br/> Max-Forwards: 70<br/> Allow: UPDATE<br/> Contact: &lt;sip:020001@23.30.160.170:5060&gt;<br/> Session-Expires: 1800;refresher=uac<br/> Min-SE: 90<br/> Content-Type: application/sdp<br/> Content-Length: 220</p> <p>v=0<br/> o=020001 100083 100083 IN IP4 23.30.160.170<br/> s=Samsung IP PBX<br/> c=IN IP4 23.30.160.170<br/> t=0 0<br/> m=audio 35999 RTP/AVP 0 8 18<br/> a=rtpmap:0 PCMU/8000<br/> a=rtpmap:8 PCMA/8000<br/> a=rtpmap:18 G729/8000<br/> a=ptime:20<br/> a=sendrecv</p> <p>SIP/2.0 180 Ringing<br/> From: "Sandy"&lt;sip:020001@www.scme30k.com&gt;;tag=370ace65-8c3e-46c4-acf4-1c1d754351ec<br/> To: "890004"&lt;sip:890004@www.scme30k.com&gt;;tag=b4f7b868-0-13e2-50022-a77bc-39ecdb04-a77bc<br/> Call-ID: ef515cc2-1231-4724-ae4e-82d551baa4d8@www.scme30k.com<br/> CSeq: 1 INVITE<br/> Via: SIP/2.0/UDP<br/> 23.30.160.170:5060;received=127.0.0.1;rport=5060;branch=z9hG4bK-a77bc-28e3b711-4ee96948<br/> Contact: &lt;sip:890004@www.scme30k.com:5090&gt;;isfocus<br/> Content-Length: 0</p> <p>SIP/2.0 200 OK<br/> From: "Sandy"&lt;sip:020001@www.scme30k.com&gt;;tag=370ace65-8c3e-46c4-acf4-1c1d754351ec<br/> To: "890004"&lt;sip:890004@www.scme30k.com&gt;;tag=b4f7b868-0-13e2-50022-a77bc-39ecdb04-a77bc<br/> Call-ID: ef515cc2-1231-4724-ae4e-82d551baa4d8@www.scme30k.com</p> |

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| No.              | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference-Adhoc | <p>CSeq: 1 INVITE<br/> Via: SIP/2.0/UDP<br/> 23.30.160.170:5060;received=127.0.0.1;rport=5060;branch=z9hG4bK-a77bc-28e3b711-4ee96948<br/> Contact: &lt;sip:890004@23.30.160.170:5090&gt;;isfocus<br/> Reason: SIP ;cause=200 ;text="Conference"<br/> Content-Type: application/sdp<br/> Content-Length: 236</p> <p>v=0<br/> o=890004@www.scme30k.com 0 0 IN IP4 127.0.0.1<br/> s=Setup Conf<br/> c=IN IP4 23.30.160.170<br/> t=0 0<br/> m=audio 45006 RTP/AVP 8 101<br/> c=IN IP4 23.30.160.170<br/> a=rtpmap:8 PCMA/8000<br/> a=rtpmap:101 telephone-event/8000<br/> a=fmtp:101 0-15<br/> a=sendrecv</p> <p>ACK sip:890004@23.30.160.170:5090 SIP/2.0<br/> From: "Sandy"&lt;sip:020001@www.scme30k.com&gt;;tag=370ace65-8c3e-46c4-acf4-1c1d754351ec<br/> To: "890004"&lt;sip:890004@www.scme30k.com&gt;;tag=b4f7b868-0-13e2-50022-a77bc-39ecdb04-a77bc<br/> Call-ID: ef515cc2-1231-4724-ae4e-82d551baa4d8@www.scme30k.com<br/> CSeq: 1 ACK<br/> Via: SIP/2.0/UDP<br/> 23.30.160.170:5060;rport;branch=z9hG4bK-a77bc-28e3b714-30414231<br/> Max-Forwards: 70<br/> Contact: &lt;sip:020001@23.30.160.170:5060&gt;<br/> Content-Length: 0</p> <p>INVITE sip:020001@23.30.165.17 SIP/2.0<br/> From:<br/> "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=63dee8a6-f7d3-4148-b3f3-ee46f65cc6cd<br/> To: "Sandy"&lt;sip:020001@www.scme30k.com&gt;;tag=101a1f18-11a51e17-13c4-50022-269cb6-7b3ff7d4-269cb6<br/> Call-ID: 2ca1d6f9-a547-4bbe-9428-1a8167142037@www.scme30k.com</p> |

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| No.              | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference-Adhoc | <p> CSeq: 3 INVITE<br/> Via: SIP/2.0/UDP<br/> 23.30.160.170:5060;rport;branch=z9hG4bK-a77bc-28e3b715-88ac167<br/> Allow:<br/> INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE,NOTIFY,UPDATE,PUBLISH<br/> Reason: Control ;cause=200 ;text="conference"<br/> Supported: replaces, timer<br/> Max-Forwards: 70<br/> Contact: &lt;sip:890004@23.30.160.170:5060&gt;;isfocus<br/> Session-Expires: 1800;refresher=uac<br/> Min-SE: 90<br/> Content-Length: 0 </p> <p> REFER sip:10003@23.30.160.170:5060 SIP/2.0<br/> From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=572310-15a51e17-13c4-50022-18298-168f8b71-18298<br/> To: &lt;sip:10003@www.scme30k.com&gt;;tag=e734ef87-39f1-4cb3-9923-04bb1ce53794<br/> Call-ID: 5752d8-15a51e17-13c4-50022-18298-75576a3-18298<br/> CSeq: 3 REFER<br/> Via: SIP/2.0/UDP<br/> 23.30.165.21:5060;rport=5060;branch=z9hG4bK-182a3-5e65028-62d3aac<br/> Refer-To: &lt;sip:890004@www.scme30k.com&gt;<br/> Referred-By: &lt;sip:010001@www.scme30k.com&gt;<br/> Max-Forwards: 70<br/> Supported: timer,replaces<br/> Contact: &lt;sip:010001@23.30.165.21&gt;<br/> Content-Length: 0 </p> <p> SIP/2.0 202 Accepted<br/> From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=572310-15a51e17-13c4-50022-18298-168f8b71-18298<br/> To: &lt;sip:10003@www.scme30k.com&gt;;tag=e734ef87-39f1-4cb3-9923-04bb1ce53794<br/> Call-ID: 5752d8-15a51e17-13c4-50022-18298-75576a3-18298<br/> CSeq: 3 REFER<br/> Via: SIP/2.0/UDP<br/> 23.30.165.21:5060;rport=5060;branch=z9hG4bK-182a3-5e65028-62d3aac<br/> Contact: &lt;sip:10003@23.30.160.170:5060&gt;<br/> Content-Length: 0 </p> |

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| No.              | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference-Adhoc | <p>             BYE sip:010001@23.30.165.21 SIP/2.0<br/>             From: &lt;sip:10003@www.scme30k.com&gt;;tag=e734ef87-39f1-4cb3-9923-04bb1ce53794<br/>             To: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=572310-15a51e17-13c4-50022-18298-168f8b71-18298<br/>             Call-ID: 5752d8-15a51e17-13c4-50022-18298-75576a3-18298<br/>             CSeq: 2 BYE<br/>             Via: SIP/2.0/UDP<br/>             23.30.160.170:5060;rport;branch=z9hG4bK-a77bc-28e3b762-5512ec52<br/>             Max-Forwards: 70<br/>             Content-Length: 0           </p> <p>             INVITE sip:890004@www.scme30k.com:5090 SIP/2.0<br/>             From: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=aa997a6c-5031-4183-9464-2bf15bf59bb5<br/>             To: "890004"&lt;sip:890004@www.scme30k.com&gt;<br/>             Call-ID: 0dbc7b12-93d1-4373-883d-d792f6e5c682@www.scme30k.com<br/>             CSeq: 1 INVITE<br/>             Via: SIP/2.0/UDP<br/>             23.30.160.170:5060;rport;branch=z9hG4bK-a77bc-28e3b763-7001f341<br/>             P-Asserted-Identity: "10003" &lt;sip:10003@www.scme30k.com&gt;<br/>             Supported: 100rel, timer<br/>             Max-Forwards: 70<br/>             Allow: UPDATE<br/>             Contact: &lt;sip:10003@23.30.160.170:5060&gt;<br/>             Session-Expires: 1800;refresher=uac<br/>             Min-SE: 90<br/>             Content-Type: application/sdp<br/>             Content-Length: 219           </p> <p>             v=0<br/>             o=10003 100084 100084 IN IP4 23.30.160.170<br/>             s=Samsung IP PBX<br/>             c=IN IP4 23.30.160.170<br/>             t=0 0<br/>             m=audio 35999 RTP/AVP 0 8 18<br/>             a=rtpmap:0 PCMU/8000<br/>             a=rtpmap:8 PCMA/8000<br/>             a=rtpmap:18 G729/8000<br/>             a=ptime:20<br/>             a=sendrecv           </p> |

(Continued)

| No.              | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference-Adhoc | <p>SIP/2.0 200 OK</p> <p>From:</p> <p>"Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=63dee8a6-f7d3-4148-b3f3-ee46f65cc6cd</p> <p>To: "Sandy"&lt;sip:020001@www.scme30k.com&gt;;tag=101a1f18-11a51e17-13c4-50022-269cb6-7b3ff7d4-269cb6</p> <p>Call-ID: 2ca1d6f9-a547-4bbe-9428-1a8167142037@www.scme30k.com</p> <p>CSeq: 3 INVITE</p> <p>Via: SIP/2.0/UDP</p> <p>23.30.160.170:5060;rport=5060;branch=z9hG4bK-a77bc-28e3b715-88ac167</p> <p>Supported: timer,replaces</p> <p>Require: timer</p> <p>P-Preferred-Identity:</p> <p>"Sandy"&lt;sip:020001@www.scme30k.com&gt;</p> <p>Contact: &lt;sip:020001@23.30.165.17&gt;</p> <p>Session-Expires: 1800;refresher=uac</p> <p>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH</p> <p>Allow-Events: talk,hold</p> <p>Content-Type: application/sdp</p> <p>Content-Length: 480</p> <p>v=0</p> <p>o=SAMSUNG_IP_PHONE 1334689405 3 IN IP4 23.30.165.17</p> <p>s=SAMSUNG_VOIP_CALL</p> <p>c=IN IP4 23.30.165.17</p> <p>t=0 0</p> <p>m=audio 20086 RTP/SAVP 8 0 18 9 101</p> <p>a=rtpmap:8 PCMA/8000</p> <p>a=rtpmap:0 PCMU/8000</p> <p>a=rtpmap:18 G729/8000</p> <p>a=rtpmap:9 G722/8000</p> <p>a=rtpmap:101 telephone-event/8000</p> <p>a=fmtp:101 0-15</p> <p>a=ptime:20</p> <p>a=sendrecv</p> <p>a=crypto:1 ARIA_CM_128_HMAC_SHA1_80</p> <p>inline:6zbyZN6U8BE8Zxeb1MKQaM84bVpk0jKrkaGphhaP</p> <p>a=crypto:2 AES_CM_128_HMAC_SHA1_80</p> <p>inline:arE5WGA9Ob/ri+bArNALcIInR+e4RUclXyNg7pbW</p> |

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| No.              | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference-Adhoc | <p>SIP/2.0 180 Ringing</p> <p>From: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=aa997a6c-5031-4183-9464-2bf15bf59bb5</p> <p>To: "890004"&lt;sip:890004@www.scme30k.com&gt;;tag=b4f7bd30-0-13e2-50022-a77bc-4ab2d3e1-a77bc</p> <p>Call-ID: 0dbc7b12-93d1-4373-883d-d792f6e5c682@www.scme30k.com</p> <p>CSeq: 1 INVITE</p> <p>Via: SIP/2.0/UDP</p> <p>23.30.160.170:5060;received=127.0.0.1;rport=5060;branch=z9hG4bK-a77bc-28e3b763-7001f341</p> <p>Contact: &lt;sip:890004@www.scme30k.com:5090&gt;;isfocus</p> <p>Content-Length: 0</p><br><p>INVITE sip:890004@23.30.160.170:5090 SIP/2.0</p> <p>From: "Sandy"&lt;sip:020001@www.scme30k.com&gt;;tag=370ace65-8c3e-46c4-acf4-1c1d754351ec</p> <p>To: "890004"&lt;sip:890004@www.scme30k.com&gt;;tag=b4f7b868-0-13e2-50022-a77bc-39ecdb04-a77bc</p> <p>Call-ID: ef515cc2-1231-4724-ae4e-82d551baa4d8@www.scme30k.com</p> <p>CSeq: 2 INVITE</p> <p>Via: SIP/2.0/UDP</p> <p>23.30.160.170:5060;rport;branch=z9hG4bK-a77bc-28e3b766-6b8a33ef</p> <p>Allow: UPDATE</p> <p>P-Asserted-Identity: "Sandy"</p> <p>&lt;sip:020001@www.scme30k.com&gt;</p> <p>Max-Forwards: 70</p> <p>Contact: &lt;sip:020001@23.30.160.170:5060&gt;</p> <p>Content-Type: application/sdp</p> <p>Content-Length: 468</p><br><p>v=0</p> <p>o=020001 1334689405 3 IN IP4 23.30.160.170</p> <p>s=Samsung IP PBX</p> <p>c=IN IP4 23.30.165.17</p> <p>t=0 0</p> <p>m=audio 20086 RTP/SAVP 8 0 18 9 101</p> <p>a=rtpmap:8 PCMA/8000</p> <p>a=rtpmap:0 PCMU/8000</p> <p>a=rtpmap:18 G729/8000</p> <p>a=rtpmap:9 G722/8000</p> |

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| No.              | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference-Adhoc | <pre> a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=ptime:20 a=sendrecv a=crypto:1 ARIA_CM_128_HMAC_SHA1_80 inline:6zbyZN6U8BE8Zxeb1MKQaM84bVpk0jKrkaGphhaP a=crypto:2 AES_CM_128_HMAC_SHA1_80 inline:arE5WGA9Ob/ri+bArNALcIInR+e4RUclXyNg7pbW  SIP/2.0 200 OK From: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=aa997a6c- 5031-4183-9464-2bf15bf59bb5 To: "890004"&lt;sip:890004@www.scme30k.com&gt;;tag=b4f7bd30-0- 13e2-50022-a77bc-4ab2d3e1-a77bc Call-ID: 0dbc7b12-93d1-4373-883d- d792f6e5c682@www.scme30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;received=127.0.0.1;rport=5060;branch= z9hG4bK-a77bc-28e3b763-7001f341 Contact: &lt;sip:890004@23.30.160.170:5090&gt;;isfocus Reason: SIP ;cause=200 ;text="Conference" Content-Type: application/sdp Content-Length: 236  v=0 o=890004@www.scme30k.com 0 0 IN IP4 127.0.0.1 s=Setup Conf c=IN IP4 23.30.160.170 t=0 0 m=audio 45006 RTP/AVP 8 101 c=IN IP4 23.30.160.170 a=rtpmap:8 PCMA/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=sendrecv  ACK sip:890004@23.30.160.170:5090 SIP/2.0 From: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=aa997a6c- 5031-4183-9464-2bf15bf59bb5 To: "890004"&lt;sip:890004@www.scme30k.com&gt;;tag=b4f7bd30-0- 13e2-50022-a77bc-4ab2d3e1-a77bc Call-ID: 0dbc7b12-93d1-4373-883d- d792f6e5c682@www.scme30k.com </pre> |

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| No.              | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference-Adhoc | <p>CSeq: 1 ACK<br/>Via: SIP/2.0/UDP<br/>23.30.160.170:5060;rport;branch=z9hG4bK-a77bc-28e3b767-764e2e44<br/>Max-Forwards: 70<br/>Contact: &lt;sip:10003@23.30.160.170:5060&gt;<br/>Content-Length: 0</p> <p>INVITE sip:10003@23.30.165.9 SIP/2.0<br/>From:<br/>"Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=5481ef41-df38-44e1-b248-3c019edc3c42<br/>To: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=10131118-9a51e17-13c4-50022-116a9f-1978d19b-116a9f<br/>Call-ID: 11e2c749-aba7-4f08-8b2a-70bbb1de2d69@www.scme30k.com<br/>CSeq: 3 INVITE<br/>Via: SIP/2.0/UDP<br/>23.30.160.170:5060;rport;branch=z9hG4bK-a77bc-28e3b768-4af5dbaa<br/>Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE,NOTIFY,UPDATE,PUBLISH<br/>Reason: Control ;cause=200 ;text="conference"<br/>Supported: replaces, timer<br/>Max-Forwards: 70<br/>Contact: &lt;sip:890004@23.30.160.170:5060&gt;;isfocus<br/>Session-Expires: 1800;refresher=uac<br/>Min-SE: 90<br/>Content-Length: 0</p> <p>SIP/2.0 200 OK<br/>From: "Sandy"&lt;sip:020001@www.scme30k.com&gt;;tag=370ace65-8c3e-46c4-acf4-1c1d754351ec<br/>To: "890004"&lt;sip:890004@www.scme30k.com&gt;;tag=b4f7b868-0-13e2-50022-a77bc-39ecdb04-a77bc<br/>Call-ID: ef515cc2-1231-4724-ae4e-82d551baa4d8@www.scme30k.com<br/>CSeq: 2 INVITE<br/>Via: SIP/2.0/UDP<br/>23.30.160.170:5060;rport=5060;branch=z9hG4bK-a77bc-28e3b766-6b8a33ef<br/>Contact: &lt;sip:890004@23.30.160.170:5090&gt;;isfocus<br/>Reason: SIP ;cause=200 ;text="Conference"<br/>Content-Type: application/sdp<br/>Content-Length: 322</p> |



(Continued)

| No.              | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference-Adhoc | <pre> v=0 o=890004@www.scme30k.com 0 0 IN IP4 127.0.0.1 s=Setup Conf c=IN IP4 23.30.160.170 t=0 0 m=audio 45006 RTP/SAVP 8 101 c=IN IP4 23.30.160.170 a=rtpmap:8 PCMA/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=sendrecv a=crypto:0 ARIA_CM_128_HMAC_SHA1_80 inline:2BVrl+WVcoYhEx2NapU0ai7Hfmc6kQHoRL/pljdp  ACK sip:020001@23.30.165.17 SIP/2.0 From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=63dee8a6-f7d3-4148-b3f3-ee46f65cc6cd To: "Sandy"&lt;sip:020001@www.scme30k.com&gt;;tag=101a1f18-11a51e17-13c4-50022-269cb6-7b3ff7d4-269cb6 Call-ID: 2ca1d6f9-a547-4bbe-9428-1a8167142037@www.scme30k.com CSeq: 3 ACK Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a77bc-28e3b796-2326f7d6 Max-Forwards: 70 Contact: &lt;sip:890004@23.30.160.170:5060&gt;;isfocus Content-Type: application/sdp Content-Length: 314  v=0 o=890004 0 0 IN IP4 23.30.160.170 s=Samsung IP PBX c=IN IP4 23.30.160.170 t=0 0 m=audio 45006 RTP/SAVP 8 101 c=IN IP4 23.30.160.170 a=rtpmap:8 PCMA/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=sendrecv a=crypto:0 ARIA_CM_128_HMAC_SHA1_80 inline:2BVrl+WVcoYhEx2NapU0ai7Hfmc6kQHoRL/pljdp </pre> |

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| No.              | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference-Adhoc | <p>ACK sip:890004@23.30.160.170:5090 SIP/2.0</p> <p>From: "Sandy"&lt;sip:020001@www.scme30k.com&gt;;tag=370ace65-8c3e-46c4-acf4-1c1d754351ec</p> <p>To: "890004"&lt;sip:890004@www.scme30k.com&gt;;tag=b4f7b868-0-13e2-50022-a77bc-39ecdb04-a77bc</p> <p>Call-ID: ef515cc2-1231-4724-ae4e-82d551baa4d8@www.scme30k.com</p> <p>CSeq: 2 ACK</p> <p>Via: SIP/2.0/UDP</p> <p>23.30.160.170:5060;rport;branch=z9hG4bK-a77bc-28e3b796-fcd5497</p> <p>Max-Forwards: 70</p> <p>Contact: &lt;sip:020001@23.30.160.170:5060&gt;</p> <p>Content-Length: 0</p> <p>SIP/2.0 200 OK</p> <p>From:</p> <p>"Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=5481ef41-df38-44e1-b248-3c019edc3c42</p> <p>To: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=10131118-9a51e17-13c4-50022-116a9f-1978d19b-116a9f</p> <p>Call-ID: 11e2c749-aba7-4f08-8b2a-70bbb1de2d69@www.scme30k.com</p> <p>CSeq: 3 INVITE</p> <p>Via: SIP/2.0/UDP</p> <p>23.30.160.170:5060;rport=5060;branch=z9hG4bK-a77bc-28e3b768-4af5dbaa</p> <p>Supported: timer,replaces</p> <p>Require: timer</p> <p>P-Preferred-Identity: "10003"&lt;sip:10003@www.scme30k.com&gt;</p> <p>Contact: &lt;sip:10003@23.30.165.9&gt;</p> <p>Session-Expires: 1800;refresher=uac</p> <p>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH</p> <p>Allow-Events: talk,hold</p> <p>Content-Type: application/sdp</p> <p>Content-Length: 478</p> <p>v=0</p> <p>o=SAMSUNG_IP_PHONE 1334689412 3 IN IP4 23.30.165.9</p> <p>s=SAMSUNG_VOIP_CALL</p> <p>c=IN IP4 23.30.165.9</p> |

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| No.              | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference-Adhoc | <pre> t=0 0 m=audio 20134 RTP/SAVP 8 0 18 9 101 a=rtpmap:8 PCMA/8000 a=rtpmap:0 PCMU/8000 a=rtpmap:18 G729/8000 a=rtpmap:9 G722/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:GAr4wmgSL4KyVxpbXUn19+nj2IeO3qbCfTU+a9k5 a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:/d775KiqBrZBkJyHwtfbTrPtFQmGskMcrXPYD3Q7  INVITE sip:890004@23.30.160.170:5090 SIP/2.0 From: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=aa997a6c- 5031-4183-9464-2bf15bf59bb5 To: "890004"&lt;sip:890004@www.scme30k.com&gt;;tag=b4f7bd30-0- 13e2-50022-a77bc-4ab2d3e1-a77bc Call-ID: 0dbc7b12-93d1-4373-883d- d792f6e5c682@www.scme30k.com CSeq: 2 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a77bc-28e3b7bb- 205c942d Allow: UPDATE P-Asserted-Identity: "10003" &lt;sip:10003@www.scme30k.com&gt; Max-Forwards: 70 Contact: &lt;sip:10003@23.30.160.170:5060&gt; Content-Type: application/sdp Content-Length: 466  v=0 o=10003 1334689412 3 IN IP4 23.30.160.170 s=Samsung IP PBX c=IN IP4 23.30.165.9 t=0 0 m=audio 20134 RTP/SAVP 8 0 18 9 101 a=rtpmap:8 PCMA/8000 a=rtpmap:0 PCMU/8000 a=rtpmap:18 G729/8000 a=rtpmap:9 G722/8000 </pre> |

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| No.              | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference-Adhoc | <pre> a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:GAr4wmgSL4KyVxpbXUn19+nj2IeO3qbCfTU+a9k5 a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:/d775KiqBrZBkJyHwtfbTrPtFQmGskMcXPYD3Q7  SIP/2.0 200 OK From: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=aa997a6c- 5031-4183-9464-2bf15bf59bb5 To: "890004"&lt;sip:890004@www.scme30k.com&gt;;tag=b4f7bd30-0- 13e2-50022-a77bc-4ab2d3e1-a77bc Call-ID: 0dbc7b12-93d1-4373-883d- d792f6e5c682@www.scme30k.com CSeq: 2 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-a77bc- 28e3b7bb-205c942d Contact: &lt;sip:890004@23.30.160.170:5090&gt;;isfocus Reason: SIP ;cause=200 ;text="Conference" Content-Type: application/sdp Content-Length: 321  v=0 o=890004@www.scme30k.com 0 0 IN IP4 127.0.0.1 s=Setup Conf c=IN IP4 23.30.160.170 t=0 0 m=audio 45006 RTP/SAVP 8 101 c=IN IP4 23.30.160.170 a=rtpmap:8 PCMA/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:2BVrl+WVcoYhEx2NapU0ai7Hfmc6kQH0RL/pljdp  ACK sip:10003@23.30.165.9 SIP/2.0 From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=5481ef41-df38- 44e1-b248-3c019edc3c42 </pre> |

(Continued)

| No.              | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference-Adhoc | <p> To: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=10131118-9a51e17-13c4-50022-116a9f-1978d19b-116a9f<br/> Call-ID: 11e2c749-aba7-4f08-8b2a-70bbb1de2d69@www.scme30k.com<br/> CSeq: 3 ACK<br/> Via: SIP/2.0/UDP<br/> 23.30.160.170:5060;rport;branch=z9hG4bK-a77bc-28e3b7ca-c3ea075<br/> Max-Forwards: 70<br/> Contact: &lt;sip:890004@23.30.160.170:5060&gt;;isfocus<br/> Content-Type: application/sdp<br/> Content-Length: 313 </p> <p> v=0<br/> o=890004 0 0 IN IP4 23.30.160.170<br/> s=Samsung IP PBX<br/> c=IN IP4 23.30.160.170<br/> t=0 0<br/> m=audio 45006 RTP/SAVP 8 101<br/> c=IN IP4 23.30.160.170<br/> a=rtpmap:8 PCMA/8000<br/> a=rtpmap:101 telephone-event/8000<br/> a=fmtp:101 0-15<br/> a=sendrecv<br/> a=crypto:1 AES_CM_128_HMAC_SHA1_80<br/> inline:2BVrl+WVcoYhEx2NapU0ai7Hfmc6kQHoRL/pljdp </p> <p> ACK sip:890004@23.30.160.170:5090 SIP/2.0<br/> From: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=aa997a6c-5031-4183-9464-2bf15bf59bb5<br/> To: "890004"&lt;sip:890004@www.scme30k.com&gt;;tag=b4f7bd30-0-13e2-50022-a77bc-4ab2d3e1-a77bc<br/> Call-ID: 0dbc7b12-93d1-4373-883d-d792f6e5c682@www.scme30k.com<br/> CSeq: 2 ACK<br/> Via: SIP/2.0/UDP<br/> 23.30.160.170:5060;rport;branch=z9hG4bK-a77bc-28e3b7ca-12ff5102<br/> Max-Forwards: 70<br/> Contact: &lt;sip:10003@23.30.160.170:5060&gt;<br/> Content-Length: 0 </p> |

(Continued)

| No.              | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference-Adhoc | <p>SIP/2.0 200 OK<br/> From: &lt;sip:020001@www.scme30k.com&gt;;tag=09663fa9-6458-4e00-a1ee-a618b1dbcc53<br/> To: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=572e38-15a51e17-13c4-50022-1829e-7634e161-1829e<br/> Call-ID: 5754b8-15a51e17-13c4-50022-1829e-294c4d93-1829e<br/> CSeq: 2 BYE<br/> Via: SIP/2.0/UDP<br/> 23.30.160.170:5060;rport=5060;branch=z9hG4bK-a77bc-28e3b710-3f6e83e5<br/> Supported: timer,replaces<br/> Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH<br/> Allow-Events: talk,hold<br/> Content-Length: 0</p> <p>SIP/2.0 200 OK<br/> From: &lt;sip:10003@www.scme30k.com&gt;;tag=e734ef87-39f1-4cb3-9923-04bb1ce53794<br/> To: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=572310-15a51e17-13c4-50022-18298-168f8b71-18298<br/> Call-ID: 5752d8-15a51e17-13c4-50022-18298-75576a3-18298<br/> CSeq: 2 BYE<br/> Via: SIP/2.0/UDP<br/> 23.30.160.170:5060;rport=5060;branch=z9hG4bK-a77bc-28e3b762-5512ec52<br/> Supported: timer,replaces<br/> Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH<br/> Allow-Events: talk,hold<br/> Content-Length: 0</p> <p>BYE sip:890004@23.30.160.170:5060 SIP/2.0<br/> From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=573960-15a51e17-13c4-50022-182a3-39267b87-182a3<br/> To: &lt;sip:*89@www.scme30k.com&gt;;tag=7b64206f-7ffb-4b2c-a86e-da9eaa468027<br/> Call-ID: 575698-15a51e17-13c4-50022-182a3-5f187159-182a3<br/> CSeq: 2 BYE<br/> Via: SIP/2.0/UDP<br/> 23.30.165.21:5060;rport=5060;branch=z9hG4bK-182ab-5e66df6-7cd6db49</p> |

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| No.              | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference-Adhoc | <pre> Max-Forwards: 70 Supported: timer,replaces User-Agent: SAMSUNG-SMT-i5243/V01.38 Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Length: 0  SIP/2.0 200 OK From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=573960- 15a51e17-13c4-50022-182a3-39267b87-182a3 To: &lt;sip:*89@www.scme30k.com&gt;;tag=7b64206f-7ffb-4b2c- a86e-da9eaa468027 Call-ID: 575698-15a51e17-13c4-50022-182a3-5f187159-182a3 CSeq: 2 BYE Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-182ab- 5e66df6-7cd6db49 Content-Length: 0  BYE sip:890004@23.30.160.170:5090 SIP/2.0 From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=9fb497db-00d1- 4b8d-8089-6d3c7381516f To: &lt;sip:*89@www.scme30k.com&gt;;tag=b4f7b3a0-0-13e2-50022- a77bb-2caeddce-a77bb Call-ID: 39aa4999-1c2c-40a2-9d68- 9930aadae7a9@www.scme30k.com CSeq: 2 BYE Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a77c3-28e3d537- 109e79ea Reason: Q.850 ;cause=16 ;text="Normal Release" Max-Forwards: 70 Content-Length: 0  REFER sip:10003@23.30.160.170:5060 SIP/2.0 From: &lt;sip:890004@www.scme30k.com&gt;;tag=b4f7bd30-0-13e2- 50022-a77bc-4ab2d3e1-a77bc To: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=aa997a6c- 5031-4183-9464-2bf15bf59bb5 Call-ID: 0dbc7b12-93d1-4373-883d- d792f6e5c682@www.scme30k.com </pre> |

(Continued)

| No.              | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference-Adhoc | <p>CSeq: 1 REFER</p> <p>Via: SIP/2.0/UDP<br/>15.15.10.10:5090;received=23.30.160.170;branch=z9hG4bK-a77c3-28e3d539-51c521d1</p> <p>Refer-To: &lt;sip:020001@www.scme30k.com?Replaces=ef515cc2-1231-4724-ae4e-82d551baa4d8%40www.scme30k.com%3Bto-tag%3D370ace65-8c3e-46c4-acf4-1c1d754351ec%3Bfrom-tag%3Db4f7b868-0-13e2-50022-a77bc-39ecdb04-a77bc&gt;</p> <p>Referred-By: &lt;sip:890004@www.scme30k.com&gt;</p> <p>Max-Forwards: 70</p> <p>Contact: &lt;sip:890004@23.30.160.170:5090&gt;</p> <p>Date: Tue, 17 Apr 2012 15:20:47 GMT</p> <p>Content-Length: 0</p> <p>SIP/2.0 200 OK</p> <p>From:<br/>"Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=9fb497db-00d1-4b8d-8089-6d3c7381516f</p> <p>To: &lt;sip:*89@www.scme30k.com&gt;;tag=b4f7b3a0-0-13e2-50022-a77bb-2caeddce-a77bb</p> <p>Call-ID: 39aa4999-1c2c-40a2-9d68-9930aadae7a9@www.scme30k.com</p> <p>CSeq: 2 BYE</p> <p>Via: SIP/2.0/UDP<br/>23.30.160.170:5060;rport=5060;branch=z9hG4bK-a77c3-28e3d537-109e79ea</p> <p>Content-Length: 0</p> <p>BYE sip:890004@23.30.160.170:5090 SIP/2.0</p> <p>From: "Sandy"&lt;sip:020001@www.scme30k.com&gt;;tag=370ace65-8c3e-46c4-acf4-1c1d754351ec</p> <p>To: "890004"&lt;sip:890004@www.scme30k.com&gt;;tag=b4f7b868-0-13e2-50022-a77bc-39ecdb04-a77bc</p> <p>Call-ID: ef515cc2-1231-4724-ae4e-82d551baa4d8@www.scme30k.com</p> <p>CSeq: 3 BYE</p> <p>Via: SIP/2.0/UDP<br/>23.30.160.170:5060;rport;branch=z9hG4bK-a77c3-28e3d53a-74206446</p> <p>Max-Forwards: 70</p> <p>Content-Length: 0</p> |



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| No.              | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference-Adhoc | <p>SIP/2.0 202 Accepted</p> <p>From: &lt;sip:890004@www.scme30k.com&gt;;tag=b4f7bd30-0-13e2-50022-a77bc-4ab2d3e1-a77bc</p> <p>To: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=aa997a6c-5031-4183-9464-2bf15bf59bb5</p> <p>Call-ID: 0dbc7b12-93d1-4373-883d-d792f6e5c682@www.scme30k.com</p> <p>CSeq: 1 REFER</p> <p>Via: SIP/2.0/UDP</p> <p>15.15.10.10:5090;received=23.30.160.170;branch=z9hG4bK-a77c3-28e3d539-51c521d1</p> <p>Contact: &lt;sip:10003@23.30.160.170:5060&gt;</p> <p>Content-Length: 0</p> <p>BYE sip:890004@23.30.160.170:5090 SIP/2.0</p> <p>From: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=aa997a6c-5031-4183-9464-2bf15bf59bb5</p> <p>To: "890004"&lt;sip:890004@www.scme30k.com&gt;;tag=b4f7bd30-0-13e2-50022-a77bc-4ab2d3e1-a77bc</p> <p>Call-ID: 0dbc7b12-93d1-4373-883d-d792f6e5c682@www.scme30k.com</p> <p>CSeq: 3 BYE</p> <p>Via: SIP/2.0/UDP</p> <p>23.30.160.170:5060;rport;branch=z9hG4bK-a77c3-28e3d53b-1ebb0c57</p> <p>Max-Forwards: 70</p> <p>Content-Length: 0</p> <p>SIP/2.0 200 OK</p> <p>From: "Sandy"&lt;sip:020001@www.scme30k.com&gt;;tag=370ace65-8c3e-46c4-acf4-1c1d754351ec</p> <p>To: "890004"&lt;sip:890004@www.scme30k.com&gt;;tag=b4f7b868-0-13e2-50022-a77bc-39ecdb04-a77bc</p> <p>Call-ID: ef515cc2-1231-4724-ae4e-82d551baa4d8@www.scme30k.com</p> <p>CSeq: 3 BYE</p> <p>Via: SIP/2.0/UDP</p> <p>23.30.160.170:5060;rport=5060;branch=z9hG4bK-a77c3-28e3d53a-74206446</p> <p>Content-Length: 0</p> |

(Continued)

| No.              | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference-Adhoc | <p>INVITE sip:10003@23.30.165.9 SIP/2.0</p> <p>From:</p> <p>"Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=5481ef41-df38-44e1-b248-3c019edc3c42</p> <p>To: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=10131118-9a51e17-13c4-50022-116a9f-1978d19b-116a9f</p> <p>Call-ID: 11e2c749-aba7-4f08-8b2a-70bbb1de2d69@www.scme30k.com</p> <p>CSeq: 4 INVITE</p> <p>Via: SIP/2.0/UDP</p> <p>23.30.160.170:5060;rport;branch=z9hG4bK-a77c3-28e3d53c-63cac865</p> <p>Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE,NOTIFY,UPDATE,PUBLISH</p> <p>P-Asserted-Identity: "Sandy"</p> <p>&lt;sip:020001@www.scme30k.com&gt;</p> <p>Supported: replaces, timer</p> <p>Max-Forwards: 70</p> <p>Contact: &lt;sip:020001@23.30.160.170:5060&gt;</p> <p>Session-Expires: 1800;refresher=uac</p> <p>Min-SE: 90</p> <p>Content-Length: 0</p> <p>SIP/2.0 200 OK</p> <p>From: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=aa997a6c-5031-4183-9464-2bf15bf59bb5</p> <p>To: "890004"&lt;sip:890004@www.scme30k.com&gt;;tag=b4f7bd30-0-13e2-50022-a77bc-4ab2d3e1-a77bc</p> <p>Call-ID: 0dbc7b12-93d1-4373-883d-d792f6e5c682@www.scme30k.com</p> <p>CSeq: 3 BYE</p> <p>Via: SIP/2.0/UDP</p> <p>23.30.160.170:5060;rport=5060;branch=z9hG4bK-a77c3-28e3d53b-1ebb0c57</p> <p>Content-Length: 0</p> <p>SIP/2.0 200 OK</p> <p>From:</p> <p>"Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=5481ef41-df38-44e1-b248-3c019edc3c42</p> <p>To: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=10131118-9a51e17-13c4-50022-116a9f-1978d19b-116a9f</p> <p>Call-ID: 11e2c749-aba7-4f08-8b2a-70bbb1de2d69@www.scme30k.com</p> |

(Continued)

| No.              | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference-Adhoc | <pre> CSeq: 4 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-a77c3- 28e3d53c-63cac865 Supported: timer,replaces Require: timer P-Preferred-Identity: "10003"&lt;sip:10003@www.scme30k.com&gt; Contact: &lt;sip:10003@23.30.165.9&gt; Session-Expires: 1800;refresher=uac Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Type: application/sdp Content-Length: 478  v=0 o=SAMSUNG_IP_PHONE 1334689412 4 IN IP4 23.30.165.9 s=SAMSUNG_VOIP_CALL c=IN IP4 23.30.165.9 t=0 0 m=audio 20136 RTP/SAVP 8 0 18 9 101 a=rtpmap:8 PCMA/8000 a=rtpmap:0 PCMU/8000 a=rtpmap:18 G729/8000 a=rtpmap:9 G722/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:GAr4wmGSL4KyVxpbXUn19+nj2IeO3qbCfTU+a9k5 a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:/d775KiqBrZBkJyHwtfbTrPtFQmGskMcrXPYD3Q7  INVITE sip:020001@23.30.165.17 SIP/2.0 From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=63dee8a6-f7d3- 4148-b3f3-ee46f65cc6cd To: "Sandy"&lt;sip:020001@www.scme30k.com&gt;;tag=101a1f18- 11a51e17-13c4-50022-269cb6-7b3ff7d4-269cb6 Call-ID: 2ca1d6f9-a547-4bbe-9428- 1a8167142037@www.scme30k.com CSeq: 4 INVITE </pre> |

(Continued)

| No.              | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference-Adhoc | <p>Via: SIP/2.0/UDP<br/>23.30.160.170:5060;rport;branch=z9hG4bK-a77c3-28e3d597-34753753<br/>Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE,NOTIFY,UPDATE,PUBLISH<br/>P-Asserted-Identity: "10003" &lt;sip:10003@www.scme30k.com&gt;<br/>Supported: replaces, timer<br/>Max-Forwards: 70<br/>Contact: &lt;sip:10003@23.30.160.170:5060&gt;<br/>Session-Expires: 1800;refresher=uac<br/>Min-SE: 90<br/>Content-Type: application/sdp<br/>Content-Length: 466</p> <p>v=0<br/>o=10003 1334689412 4 IN IP4 23.30.160.170<br/>s=Samsung IP PBX<br/>c=IN IP4 23.30.165.9<br/>t=0 0<br/>m=audio 20136 RTP/SAVP 8 0 18 9 101<br/>a=rtpmap:8 PCMA/8000<br/>a=rtpmap:0 PCMU/8000<br/>a=rtpmap:18 G729/8000<br/>a=rtpmap:9 G722/8000<br/>a=rtpmap:101 telephone-event/8000<br/>a=fmtp:101 0-15<br/>a=ptime:20<br/>a=sendrecv<br/>a=crypto:1 AES_CM_128_HMAC_SHA1_80<br/>inline:GAr4wmgSL4KyVxpbXUn19+nj2IeO3qbCfTU+a9k5<br/>a=crypto:2 ARIA_CM_128_HMAC_SHA1_80<br/>inline:/d775KiqBrZBkJyHwtfbTrPtFQmGskMc rXPYD3Q7</p> <p>SIP/2.0 200 OK<br/>From:<br/>"Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=63dee8a6-f7d3-4148-b3f3-ee46f65cc6cd<br/>To: "Sandy"&lt;sip:020001@www.scme30k.com&gt;;tag=101alf18-11a51e17-13c4-50022-269cb6-7b3ff7d4-269cb6<br/>Call-ID: 2ca1d6f9-a547-4bbe-9428-1a8167142037@www.scme30k.com<br/>CSeq: 4 INVITE</p> |

(Continued)

| No.              | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference-Adhoc | <p>Via: SIP/2.0/UDP<br/> 23.30.160.170:5060;rport=5060;branch=z9hG4bK-a77c3-28e3d597-34753753<br/> Supported: timer,replaces<br/> Require: timer<br/> P-Preferred-Identity:<br/> "Sandy"&lt;sip:020001@www.scme30k.com&gt;<br/> Contact: &lt;sip:020001@23.30.165.17&gt;<br/> Session-Expires: 1800;refresher=uac<br/> Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,<br/> SUBSCRIBE,NOTIFY,PUBLISH<br/> Allow-Events: talk,hold<br/> Content-Type: application/sdp<br/> Content-Length: 321</p> <p>v=0<br/> o=SAMSUNG_IP_PHONE 1334689405 4 IN IP4 23.30.165.17<br/> s=SAMSUNG_VOIP_CALL<br/> c=IN IP4 23.30.165.17<br/> t=0 0<br/> m=audio 20088 RTP/SAVP 8 101<br/> a=rtpmap:8 PCMA/8000<br/> a=rtpmap:101 telephone-event/8000<br/> a=fmtp:101 0-15<br/> a=ptime:20<br/> a=sendrecv<br/> a=crypto:1 AES_CM_128_HMAC_SHA1_80<br/> inline:arE5WGA9Ob/ri+bArNALcIInR+e4RUclXyNg7pbW</p> <p>ACK sip:10003@23.30.165.9 SIP/2.0<br/> From:<br/> "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=5481ef41-df38-44e1-b248-3c019edc3c42<br/> To: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=10131118-9a51e17-13c4-50022-116a9f-1978d19b-116a9f<br/> Call-ID: 11e2c749-aba7-4f08-8b2a-70bbb1de2d69@www.scme30k.com<br/> CSeq: 4 ACK<br/> Via: SIP/2.0/UDP<br/> 23.30.160.170:5060;rport;branch=z9hG4bK-a77c4-28e3d605-42c903f8<br/> Max-Forwards: 70<br/> Contact: &lt;sip:020001@23.30.160.170:5060&gt;<br/> Content-Type: application/sdp<br/> Content-Length: 309</p> |

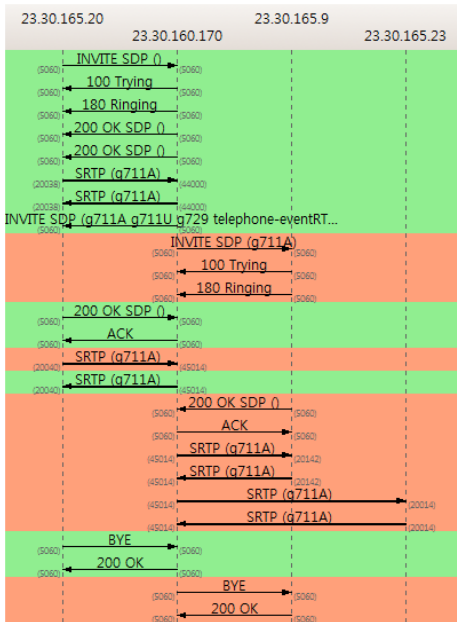
(Continued)

| No.              | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference-Adhoc | <pre> v=0 o=020001 1334689405 4 IN IP4 23.30.160.170 s=Samsung IP PBX c=IN IP4 23.30.165.17 t=0 0 m=audio 20088 RTP/SAVP 8 101 a=rtpmap:8 PCMA/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:arE5WGA9Ob/ri+bArNALcIInR+e4RUclXyNg7pbW  ACK sip:020001@23.30.165.17 SIP/2.0 From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=63dee8a6-f7d3- 4148-b3f3-ee46f65cc6cd To: "Sandy"&lt;sip:020001@www.scme30k.com&gt;;tag=101a1f18- 11a51e17-13c4-50022-269cb6-7b3ff7d4-269cb6 Call-ID: 2ca1d6f9-a547-4bbe-9428- 1a8167142037@www.scme30k.com CSeq: 4 ACK Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a77c4-28e3d605- 1b21befc Max-Forwards: 70 Contact: &lt;sip:10003@23.30.160.170:5060&gt; Content-Length: 0  BYE sip:020001@23.30.160.170:5060 SIP/2.0 From: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=10131118- 9a51e17-13c4-50022-116a9f-1978d19b-116a9f To: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=5481ef41- df38-44e1-b248-3c019edc3c42 Call-ID: 11e2c749-aba7-4f08-8b2a- 70bbb1de2d69@www.scme30k.com CSeq: 1 BYE Via: SIP/2.0/UDP 23.30.165.9:5060;rport=5060;branch=z9hG4bK-116ab4- 4408d10a-55820a13 Max-Forwards: 70 Supported: timer,replaces User-Agent: SAMSUNG-SMT-i2205S/T01.58 </pre> |

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| No.              | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference-Adhoc | <p>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,<br/>SUBSCRIBE,NOTIFY,PUBLISH<br/>Allow-Events: talk,hold<br/>Content-Length: 0</p> <p>SIP/2.0 200 OK<br/>From: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=10131118-<br/>9a51e17-13c4-50022-116a9f-1978d19b-116a9f<br/>To: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=5481ef41-<br/>df38-44e1-b248-3c019edc3c42<br/>Call-ID: 11e2c749-aba7-4f08-8b2a-<br/>70bbb1de2d69@www.scme30k.com<br/>CSeq: 1 BYE<br/>Via: SIP/2.0/UDP<br/>23.30.165.9:5060;rport=5060;branch=z9hG4bK-116ab4-<br/>4408d10a-55820a13<br/>Content-Length: 0</p> <p>BYE sip:020001@23.30.165.17 SIP/2.0<br/>From:<br/>"Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=63dee8a6-f7d3-<br/>4148-b3f3-ee46f65cc6cd<br/>To: "Sandy"&lt;sip:020001@www.scme30k.com&gt;;tag=101a1f18-<br/>11a51e17-13c4-50022-269cb6-7b3ff7d4-269cb6<br/>Call-ID: 2ca1d6f9-a547-4bbe-9428-<br/>1a8167142037@www.scme30k.com<br/>CSeq: 5 BYE<br/>Via: SIP/2.0/UDP<br/>23.30.160.170:5060;rport;branch=z9hG4bK-a77c5-28e3dc1f-<br/>323ca2b3<br/>Reason: Q.850 ;cause=16 ;text="Normal Release"<br/>Max-Forwards: 70<br/>Content-Length: 0</p> <p>SIP/2.0 200 OK<br/>From:<br/>"Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=63dee8a6-f7d3-<br/>4148-b3f3-ee46f65cc6cd<br/>To: "Sandy"&lt;sip:020001@www.scme30k.com&gt;;tag=101a1f18-<br/>11a51e17-13c4-50022-269cb6-7b3ff7d4-269cb6<br/>Call-ID: 2ca1d6f9-a547-4bbe-9428-<br/>1a8167142037@www.scme30k.com<br/>CSeq: 5 BYE</p> |

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| No.                      | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference-Adhoc         | <p>Via: SIP/2.0/UDP<br/>23.30.160.170:5060;rport=5060;branch=z9hG4bK-a77c5-28e3dc1f-323ca2b3</p> <p>Supported: timer,replaces</p> <p>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH</p> <p>Allow-Events: talk,hold</p> <p>Content-Length: 0</p>                                                                                                                                                                                                                                                                                                                                                                                                       |
| Conference<br>Predefined | <p>conference-predefined</p>  <p>INVITE sip:*481001@www.scme30k.com SIP/2.0<br/>From: "Jordan"&lt;sip:010000@www.scme30k.com&gt;;tag=56e4e8-14a51e17-13c4-50022-14a92f-31414668-14a92f<br/>To: &lt;sip:*481001@www.scme30k.com&gt;<br/>Call-ID: 579210-14a51e17-13c4-50022-14a92f-2990a02a-14a92f<br/>CSeq: 1 INVITE<br/>Via: SIP/2.0/UDP<br/>23.30.165.20:5060;rport=5060;branch=z9hG4bK-14a92f-50b4e312-5991e99a<br/>Max-Forwards: 70<br/>Supported: timer,replaces<br/>P-Preferred-Identity:<br/>"Jordan"&lt;sip:010000@www.scme30k.com&gt;<br/>User-Agent: SAMSUNG-SMT-i5243/V01.38</p> |



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| No.                      | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference<br>Predefined | Contact: <sip:010000@23.30.165.20><br>Session-Expires: 1800;refresher=uas<br>Min-SE: 90<br>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,<br>SUBSCRIBE,NOTIFY,PUBLISH<br>Allow-Events: talk,hold<br>Content-Type: application/sdp<br>Content-Length: 925<br><br>v=0<br>o=SAMSUNG_IP_PHONE 1334754570 0 IN IP4 23.30.165.20<br>s=SAMSUNG_VOIP_CALL<br>c=IN IP4 23.30.165.20<br>t=0 0<br>m=audio 20038 RTP/SAVP 8 0 18 9 102 101<br>a=rtpmap:8 PCMA/8000<br>a=rtpmap:0 PCMU/8000<br>a=rtpmap:18 G729/8000<br>a=rtpmap:9 G722/8000<br>a=rtpmap:102 iLBC/8000<br>a=rtpmap:101 telephone-event/8000<br>a=fmtp:101 0-15<br>a=ptime:20<br>a=sendrecv<br>a=crypto:1 AES_CM_128_HMAC_SHA1_80<br>inline:8uk5YEd7x30biLBYPaet9wlAL+lKjb+sp5StRMvq<br>a=crypto:2 ARIA_CM_128_HMAC_SHA1_80<br>inline:IX9MmU0kvqwmLNOyksuKfK24Txm7ncefi2rI/N+G<br>m=video 25038 RTP/SAVP 34 98 99<br>a=rtpmap:34 H263/90000<br>a=rtpmap:98 MP4V-ES/90000<br>a=rtpmap:99 H264/90000<br>a=fmtp:34 CIF=2;QCIF=2<br>a=fmtp:98 profile-level-id=2<br>a=fmtp:99 profile-level-id=42800C;packetization-mode=0<br>a=framerate:15.0<br>a=sendrecv<br>a=crypto:1 AES_CM_128_HMAC_SHA1_80<br>inline:JPpkAnw73oMa9vU0Gl+TE+nUfXfCA0YGeUrhNRPR<br>a=crypto:2 ARIA_CM_128_HMAC_SHA1_80<br>inline:7aJu2S0zbn0qskdWtLCJCIY5OtsSPgXxWneJlWcD |

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| No.                      | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference<br>Predefined | <p>SIP/2.0 100 Trying</p> <p>From: "Jordan"&lt;sip:010000@www.scme30k.com&gt;;tag=56e4e8-14a51e17-13c4-50022-14a92f-31414668-14a92f</p> <p>To: &lt;sip:*481001@www.scme30k.com&gt;</p> <p>Call-ID: 579210-14a51e17-13c4-50022-14a92f-2990a02a-14a92f</p> <p>CSeq: 1 INVITE</p> <p>Via: SIP/2.0/UDP</p> <p>23.30.165.20:5060;rport=5060;branch=z9hG4bK-14a92f-50b4e312-5991e99a</p> <p>Contact: &lt;sip:*481001@www.scme30k.com&gt;</p> <p>Content-Length: 0</p><br><p>INVITE sip:*481001@www.scme30k.com:5090 SIP/2.0</p> <p>From: "Jordan"&lt;sip:010000@www.scme30k.com&gt;;tag=7a79fe3d-7541-43bd-8bcf-80389a593b25</p> <p>To: &lt;sip:*481001@www.scme30k.com&gt;</p> <p>Call-ID: 60c65254-5ae3-47cd-9919-799691342cc6@www.scme30k.com</p> <p>CSeq: 1 INVITE</p> <p>Via: SIP/2.0/UDP</p> <p>23.30.160.170:5060;rport;branch=z9hG4bK-b7657-2cc6447e-36a60999</p> <p>P-Asserted-Identity: "Jordan"</p> <p>&lt;sip:010000@www.scme30k.com&gt;</p> <p>Supported: replaces, timer</p> <p>Max-Forwards: 70</p> <p>Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE,NOTIFY,UPDATE,PUBLISH</p> <p>Contact: &lt;sip:010000@23.30.160.170:5060&gt;</p> <p>Session-Expires: 1800;refresher=uac</p> <p>Min-SE: 90</p> <p>Content-Type: application/sdp</p> <p>Content-Length: 913</p><br><p>v=0</p> <p>o=010000 1334754570 0 IN IP4 23.30.160.170</p> <p>s=Samsung IP PBX</p> <p>c=IN IP4 23.30.165.20</p> <p>t=0 0</p> <p>m=audio 20038 RTP/SAVP 8 0 18 9 102 101</p> <p>a=rtpmap:8 PCMA/8000</p> <p>a=rtpmap:0 PCMU/8000</p> |

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| No.                      | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference<br>Predefined | <pre> a=rtpmap:18 G729/8000 a=rtpmap:9 G722/8000 a=rtpmap:102 iLBC/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:8uk5YEd7x30biLBYpAet9wlAL+lKjb+sp5StRMvq a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:IX9MmU0kvqwmLNOyksuKfK24Txm7ncefI2rI/N+G m=video 25038 RTP/SAVP 34 98 99 a=rtpmap:34 H263/90000 a=rtpmap:98 MP4V-ES/90000 a=rtpmap:99 H264/90000 a=fmtp:34 CIF=2;QCIF=2 a=fmtp:98 profile-level-id=2 a=fmtp:99 profile-level-id=42800C;packetization-mode=0 a=framerate:15.0 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:JPpkAnw73oMa9vU0G1+TE+nUfXfCA0YGeUrhNRPR a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:7aJu2S0zbn0qskdWtLCJCIY5OtsSPgXxWneJlWcD  SIP/2.0 180 Ringing From: "Jordan"&lt;sip:010000@www.scme30k.com&gt;;tag=7a79fe3d-7541-43bd-8bcf-80389a593b25 To: &lt;sip:*481001@www.scme30k.com&gt;;tag=b4fc63b8-0-13e2-50022-b7657-646d3371-b7657 Call-ID: 60c65254-5ae3-47cd-9919-799691342cc6@www.scme30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;received=127.0.0.1;rport=5060;branch=z9hG4bK-b7657-2cc6447e-36a60999 Contact: &lt;sip:*481001@www.scme30k.com:5090&gt;;isfocus Content-Length: 0  SIP/2.0 200 OK From: "Jordan"&lt;sip:010000@www.scme30k.com&gt;;tag=7a79fe3d-7541-43bd-8bcf-80389a593b25 To: &lt;sip:*481001@www.scme30k.com&gt;;tag=b4fc63b8-0-13e2-50022-b7657-646d3371-b7657 </pre> |

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| No.                      | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference<br>Predefined | <p>Call-ID: 60c65254-5ae3-47cd-9919-799691342cc6@www.scme30k.com</p> <p>CSeq: 1 INVITE</p> <p>Via: SIP/2.0/UDP<br/>23.30.160.170:5060;received=127.0.0.1;rport=5060;branch=z9hG4bK-b7657-2cc6447e-36a60999</p> <p>Contact: &lt;sip:890008@23.30.160.170:5090&gt;;isfocus</p> <p>Reason: SIP ;cause=200 ;text="Conference"</p> <p>Content-Type: application/sdp</p> <p>Content-Length: 282</p> <p>v=0</p> <p>o=890008@www.scme30k.com 0 0 IN IP4 127.0.0.1</p> <p>s=Setup Conf</p> <p>c=IN IP4 23.30.160.170</p> <p>t=0 0</p> <p>m=audio 44000/2 RTP/SAVP 8 101</p> <p>a=rtpmap:8 PCMA/8000</p> <p>a=rtpmap:101 telephone-event/8000</p> <p>a=sendrecv</p> <p>a=crypto:1 AES_CM_128_HMAC_SHA1_80</p> <p>inline:8uk5YEd7x30biLBYPaet9wlAL+lKjb+sp5StRMvq</p> <p>SIP/2.0 180 Ringing</p> <p>From: "Jordan"&lt;sip:010000@www.scme30k.com&gt;;tag=56e4e8-14a51e17-13c4-50022-14a92f-31414668-14a92f</p> <p>To: &lt;sip:*481001@www.scme30k.com&gt;;tag=9870f600-e3be-4f34-9cd0-6c927c32fe3e</p> <p>Call-ID: 579210-14a51e17-13c4-50022-14a92f-2990a02a-14a92f</p> <p>CSeq: 1 INVITE</p> <p>Via: SIP/2.0/UDP<br/>23.30.165.20:5060;rport=5060;branch=z9hG4bK-14a92f-50b4e312-5991e99a</p> <p>Contact: &lt;sip:*481001@23.30.160.170:5060&gt;;isfocus</p> <p>Content-Length: 0</p> <p>SIP/2.0 200 OK</p> <p>From: "Jordan"&lt;sip:010000@www.scme30k.com&gt;;tag=56e4e8-14a51e17-13c4-50022-14a92f-31414668-14a92f</p> <p>To: &lt;sip:*481001@www.scme30k.com&gt;;tag=9870f600-e3be-4f34-9cd0-6c927c32fe3e</p> <p>Call-ID: 579210-14a51e17-13c4-50022-14a92f-2990a02a-14a92f</p> |

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| No.                      | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference<br>Predefined | CSeq: 1 INVITE<br>Supported: timer<br>Reason: Control ;cause=200 ;text="conference"<br>Allow: UPDATE<br>Via: SIP/2.0/UDP<br>23.30.165.20:5060;rport=5060;branch=z9hG4bK-14a92f-50b4e312-5991e99a<br>Contact: <sip:890008@23.30.160.170:5060>;isfocus<br>Session-Expires: 1800;refresher=uas<br>Content-Type: application/sdp<br>Content-Length: 274<br><br>v=0<br>o=890008 0 0 IN IP4 23.30.160.170<br>s=Samsung IP PBX<br>c=IN IP4 23.30.160.170<br>t=0 0<br>m=audio 44000/2 RTP/SAVP 8 101<br>a=rtpmap:8 PCMA/8000<br>a=rtpmap:101 telephone-event/8000<br>a=sendrecv<br>a=crypto:1 AES_CM_128_HMAC_SHA1_80<br>inline:8uk5YEd7x30biLBYpAet9wlAL+lKjb+sp5StRMvq<br><br>ACK sip:890008@23.30.160.170:5060 SIP/2.0<br>From: "Jordan"<sip:010000@www.scme30k.com>;tag=56e4e8-14a51e17-13c4-50022-14a92f-31414668-14a92f<br>To: <sip:*481001@www.scme30k.com>;tag=9870f600-e3be-4f34-9cd0-6c927c32fe3e<br>Call-ID: 579210-14a51e17-13c4-50022-14a92f-2990a02a-14a92f<br>CSeq: 1 ACK<br>Via: SIP/2.0/UDP 23.30.165.20:5060;rport;branch=z9hG4bK-14a930-50b4e678-5fe91286<br>Max-Forwards: 70<br>User-Agent: SAMSUNG-SMT-i5243/V01.38<br>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH<br>Contact: <sip:010000@23.30.165.20><br>Allow-Events: talk,hold<br>Content-Length: 0 |

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| No.                      | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference<br>Predefined | <p>ACK sip:890008@23.30.160.170:5090 SIP/2.0<br/> From: "Jordan"&lt;sip:010000@www.scme30k.com&gt;;tag=7a79fe3d-7541-43bd-8bcf-80389a593b25<br/> To: &lt;sip:*481001@www.scme30k.com&gt;;tag=b4fc63b8-0-13e2-50022-b7657-646d3371-b7657<br/> Call-ID: 60c65254-5ae3-47cd-9919-799691342cc6@www.scme30k.com<br/> CSeq: 1 ACK<br/> Via: SIP/2.0/UDP<br/> 23.30.160.170:5060;rport;branch=z9hG4bK-b7658-2cc647e4-1625f5d1<br/> Max-Forwards: 70<br/> Contact: &lt;sip:010000@23.30.160.170:5060&gt;<br/> Content-Length: 0</p> <p>INVITE sip:010000@23.30.160.170:5060 SIP/2.0<br/> From: &lt;sip:890008@www.scme30k.com&gt;;tag=b4fc63b8-0-13e2-50022-b7657-646d3371-b7657<br/> To: "Jordan"&lt;sip:010000@www.scme30k.com&gt;;tag=7a79fe3d-7541-43bd-8bcf-80389a593b25<br/> Call-ID: 60c65254-5ae3-47cd-9919-799691342cc6@www.scme30k.com<br/> CSeq: 1 INVITE<br/> Via: SIP/2.0/UDP<br/> 15.15.10.10:5090;received=23.30.160.170;branch=z9hG4bK-b7658-2cc6480b-2491cb9a<br/> Max-Forwards: 70<br/> Reason: SIP ;cause=200 ;text="Conference"<br/> Contact: &lt;sip:890008@23.30.160.170:5090&gt;;isfocus<br/> Content-Type: application/sdp<br/> Content-Length: 742</p> <p>v=0<br/> o=890008@www.scme30k.com 0 0 IN IP4 127.0.0.1<br/> s=Setup Conf<br/> c=IN IP4 23.30.160.170<br/> t=0 0<br/> m=audio 45014 RTP/AVP 8 0 18 101<br/> c=IN IP4 23.30.160.170<br/> a=rtpmap:8 PCMA/8000<br/> a=rtpmap:0 PCMU/8000<br/> a=rtpmap:18 G729/8000<br/> a=rtpmap:101 telephone-event/8000<br/> a=fmtp:101 0-15</p> |

(Continued)

| No.                      | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference<br>Predefined | <pre> a=sendrecv m=audio 45014 RTP/SAVP 8 0 18 101 c=IN IP4 23.30.160.170 a=rtpmap:8 PCMA/8000 a=rtpmap:0 PCMU/8000 a=rtpmap:18 G729/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:nmYNnnlCNtZHcbZBiWXWzhpheblLSfAG5Uhr1WQb a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:nmYNnnlCNtZHcbZBiWXWzhpheblLSfAG5Uhr1WQb a=crypto:3 ARIA_CM_192_HMAC_SHA1_80 inline:nmYNnnlCNtZHcbZBiWXWzhpheblLSfAG5Uhr1WQbP3bGErL7u yA=  SIP/2.0 100 Trying From: &lt;sip:890008@www.scme30k.com&gt;;tag=b4fc63b8-0-13e2- 50022-b7657-646d3371-b7657 To: "Jordan"&lt;sip:010000@www.scme30k.com&gt;;tag=7a79fe3d- 7541-43bd-8bcf-80389a593b25 Call-ID: 60c65254-5ae3-47cd-9919- 799691342cc6@www.scme30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 15.15.10.10:5090;received=23.30.160.170;branch=z9hG4bK- b7658-2cc6480b-2491cb9a Contact: &lt;sip:010000@23.30.160.170:5060&gt; Content-Length: 0  INVITE sip:010000@23.30.165.20 SIP/2.0 From: &lt;sip:*481001@www.scme30k.com&gt;;tag=9870f600-e3be- 4f34-9cd0-6c927c32fe3e To: "Jordan"&lt;sip:010000@www.scme30k.com&gt;;tag=56e4e8- 14a51e17-13c4-50022-14a92f-31414668-14a92f Call-ID: 579210-14a51e17-13c4-50022-14a92f-2990a02a- 14a92f CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-b7658-2cc6480d- 7665957a Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE, NOTIFY,UPDATE,PUBLISH </pre> |

(Continued)

| No.                      | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference<br>Predefined | Reason: Control ;cause=200 ;text="conference"<br>Supported: timer<br>Max-Forwards: 70<br>Contact: <sip:890008@23.30.160.170:5060>;isfocus<br>Session-Expires: 1800;refresher=uac<br>Min-SE: 90<br>Content-Type: application/sdp<br>Content-Length: 734<br><br>v=0<br>o=890008 0 0 IN IP4 23.30.160.170<br>s=Samsung IP PBX<br>c=IN IP4 23.30.160.170<br>t=0 0<br>m=audio 45014 RTP/AVP 8 0 18 101<br>c=IN IP4 23.30.160.170<br>a=rtpmap:8 PCMA/8000<br>a=rtpmap:0 PCMU/8000<br>a=rtpmap:18 G729/8000<br>a=rtpmap:101 telephone-event/8000<br>a=fmtp:101 0-15<br>a=sendrecv<br>m=audio 45014 RTP/SAVP 8 0 18 101<br>c=IN IP4 23.30.160.170<br>a=rtpmap:8 PCMA/8000<br>a=rtpmap:0 PCMU/8000<br>a=rtpmap:18 G729/8000<br>a=rtpmap:101 telephone-event/8000<br>a=fmtp:101 0-15<br>a=sendrecv<br>a=crypto:1 AES_CM_128_HMAC_SHA1_80<br>inline:nmYNnnlCNtZHcbZBiWXWzhpheblLSfAG5Uhr1WQb<br>a=crypto:2 ARIA_CM_128_HMAC_SHA1_80<br>inline:nmYNnnlCNtZHcbZBiWXWzhpheblLSfAG5Uhr1WQb<br>a=crypto:3 ARIA_CM_192_HMAC_SHA1_80<br>inline:nmYNnnlCNtZHcbZBiWXWzhpheblLSfAG5Uhr1WQbP3bGErL7u<br>yA=<br><br>INVITE sip:10002@www.scme30k.com:5060 SIP/2.0<br>From:<br>"010000"<sip:890008@www.scme30k.com:5090>;tag=b4fc6880-<br>0-13e2-50022-b7658-39444507-b7658<br>To: <sip:10002@www.scme30k.com:5060><br>Call-ID: b4eb49f8-0-13e2-50022-b7658-6c4bcbdl-b7658 |



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| No.                      | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference<br>Predefined | CSeq: 1 INVITE<br>Via: SIP/2.0/UDP<br>15.15.10.10:5090;received=127.0.0.1;branch=z9hG4bK-<br>b7658-2cc6480c-1b49ec84<br>Call-Info: <http://127.0.0.1>;purpose=predefined-conf<br>Max-Forwards: 70<br>Reason: SIP ;cause=200 ;text="Conference"<br>Contact: <sip:890008@23.30.160.170:5090>;isfocus<br>Content-Type: application/sdp<br>Content-Length: 742<br><br>v=0<br>o=890008@www.scme30k.com 0 0 IN IP4 127.0.0.1<br>s=Setup Conf<br>c=IN IP4 23.30.160.170<br>t=0 0<br>m=audio 45014 RTP/AVP 8 0 18 101<br>c=IN IP4 23.30.160.170<br>a=rtpmap:8 PCMA/8000<br>a=rtpmap:0 PCMU/8000<br>a=rtpmap:18 G729/8000<br>a=rtpmap:101 telephone-event/8000<br>a=fmtp:101 0-15<br>a=sendrecv<br>m=audio 45014 RTP/SAVP 8 0 18 101<br>c=IN IP4 23.30.160.170<br>a=rtpmap:8 PCMA/8000<br>a=rtpmap:0 PCMU/8000<br>a=rtpmap:18 G729/8000<br>a=rtpmap:101 telephone-event/8000<br>a=fmtp:101 0-15<br>a=sendrecv<br>a=crypto:1 AES_CM_128_HMAC_SHA1_80<br>inline:nmYNnnlCNtZHcbZBiWXWzhpheblLSfAG5Uhr1WQb<br>a=crypto:2 ARIA_CM_128_HMAC_SHA1_80<br>inline:nmYNnnlCNtZHcbZBiWXWzhpheblLSfAG5Uhr1WQb<br>a=crypto:3 ARIA_CM_192_HMAC_SHA1_80<br>inline:nmYNnnlCNtZHcbZBiWXWzhpheblLSfAG5Uhr1WQbP3bGErL7u<br>yA=<br><br>SIP/2.0 100 Trying<br>From:<br>"010000"<sip:890008@www.scme30k.com:5090>;tag=b4fc6880-<br>0-13e2-50022-b7658-39444507-b7658 |

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| No.                      | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference<br>Predefined | <p>To: &lt;sip:10002@www.scme30k.com:5060&gt;<br/> Call-ID: b4eb49f8-0-13e2-50022-b7658-6c4bcbd1-b7658<br/> CSeq: 1 INVITE<br/> Via: SIP/2.0/UDP<br/> 15.15.10.10:5090;received=127.0.0.1;branch=z9hG4bK-<br/> b7658-2cc6480c-1b49ec84<br/> Contact: &lt;sip:10002@www.scme30k.com:5060&gt;<br/> Content-Length: 0</p> <p>INVITE sips:10002@23.30.165.23:5061;transport=TLS<br/> SIP/2.0<br/> From: "Jordan"&lt;sip:010000@www.scme30k.com&gt;;tag=c996e4a3-<br/> e451-4d2b-a305-f2936e287638<br/> To: "10002"&lt;sips:10002@www.scme30k.com&gt;<br/> Call-ID: bc2aad5c-5773-4498-bf18-<br/> 3f726fa63c96@www.scme30k.com<br/> CSeq: 1 INVITE<br/> Via: SIP/2.0/TLS 23.30.160.170:5061;branch=z9hG4bK-<br/> b7658-2cc6480f-7db622f7<br/> Alert-Info: &lt;http://127.0.0.1/Scm-dr14&gt;<br/> Call-Info: &lt;http://127.0.0.1&gt;;purpose=predefined-conf<br/> Supported: timer<br/> Reason: Control ;cause=200 ;text="conference"<br/> Allow: UPDATE<br/> Max-Forwards: 70<br/> Contact: &lt;sips:890008@23.30.160.170:5061&gt;;isfocus<br/> Session-Expires: 1800;refresher=uac<br/> Min-SE: 90<br/> Content-Type: application/sdp<br/> Content-Length: 608</p> <p>v=0<br/> o=890008 0 0 IN IP4 23.30.160.170<br/> s=Samsung IP PBX<br/> c=IN IP4 23.30.160.170<br/> t=0 0<br/> a=sendrecv<br/> m=audio 45014 RTP/AVP 8<br/> a=rtpmap:8 PCMA/8000<br/> a=fmtp:101 0-15<br/> a=sendrecv<br/> m=audio 45014 RTP/SAVP 8 0 0 101<br/> a=rtpmap:8 PCMA/8000<br/> a=fmtp:101 0-15</p> |

(Continued)

| No.                      | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference<br>Predefined | <pre> a=rtpmap:0 PCMU/8000 a=rtpmap:18 G729/8000 a=rtpmap:101 telephone-event/8000 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:nmYNnnlCNtZHcbZBiWXWzhpheblLSfAG5Uhr1WQb a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:nmYNnnlCNtZHcbZBiWXWzhpheblLSfAG5Uhr1WQb a=crypto:3 ARIA_CM_192_HMAC_SHA1_80 inline:nmYNnnlCNtZHcbZBiWXWzhpheblLSfAG5Uhr1WQbP3bGErL7u yA=  INVITE sip:10003@www.scme30k.com:5060 SIP/2.0 From: "010000"&lt;sip:890008@www.scme30k.com:5090&gt;;tag=b4fc6a18- 0-13e2-50022-b7658-2b5a2a5-b7658 To: &lt;sip:10003@www.scme30k.com:5060&gt; Call-ID: b4eb4bd0-0-13e2-50022-b7658-2860c297-b7658 CSeq: 1 INVITE Via: SIP/2.0/UDP 15.15.10.10:5090;received=127.0.0.1;branch=z9hG4bK- b7658-2cc6480c-5065c593 Call-Info: &lt;http://127.0.0.1&gt;;purpose=predefined-conf Max-Forwards: 70 Reason: SIP ;cause=200 ;text="Conference" Contact: &lt;sip:890008@23.30.160.170:5090&gt;;isfocus Content-Type: application/sdp Content-Length: 742  v=0 o=890008@www.scme30k.com 0 0 IN IP4 127.0.0.1 s=Setup Conf c=IN IP4 23.30.160.170 t=0 0 m=audio 45014 RTP/AVP 8 0 18 101 c=IN IP4 23.30.160.170 a=rtpmap:8 PCMA/8000 a=rtpmap:0 PCMU/8000 a=rtpmap:18 G729/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=sendrecv m=audio 45014 RTP/SAVP 8 0 18 101 </pre> |

(Continued)

| No.                      | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference<br>Predefined | <pre> c=IN IP4 23.30.160.170 a=rtpmap:8 PCMA/8000 a=rtpmap:0 PCMU/8000 a=rtpmap:18 G729/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:nmYNnnlCNtZHcbZBiWXWzhpheblLSfAG5Uhr1WQb a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:nmYNnnlCNtZHcbZBiWXWzhpheblLSfAG5Uhr1WQb a=crypto:3 ARIA_CM_192_HMAC_SHA1_80 inline:nmYNnnlCNtZHcbZBiWXWzhpheblLSfAG5Uhr1WQbP3bGErL7u yA=  SIP/2.0 100 Trying From: "010000"&lt;sip:890008@www.scme30k.com:5090&gt;;tag=b4fc6a18- 0-13e2-50022-b7658-2b5a2a5-b7658 To: &lt;sip:10003@www.scme30k.com:5060&gt; Call-ID: b4eb4bd0-0-13e2-50022-b7658-2860c297-b7658 CSeq: 1 INVITE Via: SIP/2.0/UDP 15.15.10.10:5090;received=127.0.0.1;branch=z9hG4bK- b7658-2cc6480c-5065c593 Contact: &lt;sip:10003@www.scme30k.com:5060&gt; Content-Length: 0  INVITE sip:10003@23.30.165.9 SIP/2.0 From: "Jordan"&lt;sip:010000@www.scme30k.com&gt;;tag=f2b3ed53- b981-46f8-86c5-2d206eb716b5 To: "10003"&lt;sip:10003@www.scme30k.com&gt; Call-ID: 82f7c736-21f3-4c0f-b89c- 04a106680c70@www.scme30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-b7658-2cc64810- 184bad80 Alert-Info: &lt;http://127.0.0.1/Scm-dr14&gt; Call-Info: &lt;http://127.0.0.1&gt;;purpose=predefined-conf Supported: timer Reason: Control ;cause=200 ;text="conference" Allow: UPDATE Max-Forwards: 70 </pre> |

(Continued)

| No.                      | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference<br>Predefined | Contact: <sip:890008@23.30.160.170:5060>;isfocus<br>Session-Expires: 1800;refresher=uac<br>Min-SE: 90<br>Content-Type: application/sdp<br>Content-Length: 608<br><br>v=0<br>o=890008 0 0 IN IP4 23.30.160.170<br>s=Samsung IP PBX<br>c=IN IP4 23.30.160.170<br>t=0 0<br>a=sendrecv<br>m=audio 45014 RTP/AVP 8<br>a=rtpmap:8 PCMA/8000<br>a=fmtp:101 0-15<br>a=sendrecv<br>m=audio 45014 RTP/SAVP 8 0 0 101<br>a=rtpmap:8 PCMA/8000<br>a=fmtp:101 0-15<br>a=rtpmap:0 PCMU/8000<br>a=rtpmap:18 G729/8000<br>a=rtpmap:101 telephone-event/8000<br>a=sendrecv<br>a=crypto:1 AES_CM_128_HMAC_SHA1_80<br>inline:nmYNnnlCNtZHcbZBiWXWzhpheblLSfAG5Uhr1WQb<br>a=crypto:2 ARIA_CM_128_HMAC_SHA1_80<br>inline:nmYNnnlCNtZHcbZBiWXWzhpheblLSfAG5Uhr1WQb<br>a=crypto:3 ARIA_CM_192_HMAC_SHA1_80<br>inline:nmYNnnlCNtZHcbZBiWXWzhpheblLSfAG5Uhr1WQbP3bGErL7u<br>yA=<br><br>SIP/2.0 100 Trying<br>From: "Jordan"<sip:010000@www.scme30k.com>;tag=f2b3ed53-b981-46f8-86c5-2d206eb716b5<br>To: "10003"<sip:10003@www.scme30k.com><br>Call-ID: 82f7c736-21f3-4c0f-b89c-04a106680c70@www.scme30k.com<br>CSeq: 1 INVITE<br>Via: SIP/2.0/UDP<br>23.30.160.170:5060;rport=5060;branch=z9hG4bK-b7658-2cc64810-184bad80<br>Supported: timer,replaces<br>Reason: SIP ;cause=200 ; text="conference"<br>P-Preferred-Identity: "10003"<sip:10003@www.scme30k.com> |

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| No.                      | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference<br>Predefined | <p>Contact: &lt;sip:10003@23.30.165.9&gt;<br/> Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,<br/> SUBSCRIBE,NOTIFY,PUBLISH<br/> Allow-Events: talk,hold<br/> Content-Length: 0</p> <p>SIP/2.0 180 Ringing<br/> From: "Jordan"&lt;sip:010000@www.scme30k.com&gt;;tag=f2b3ed53-<br/> b981-46f8-86c5-2d206eb716b5<br/> To: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=101302c0-<br/> 9a51e17-13c4-50022-126951-7e6fb902-126951<br/> Call-ID: 82f7c736-21f3-4c0f-b89c-<br/> 04a106680c70@www.scme30k.com<br/> CSeq: 1 INVITE<br/> Via: SIP/2.0/UDP<br/> 23.30.160.170:5060;rport=5060;branch=z9hG4bK-b7658-<br/> 2cc64810-184bad80<br/> Supported: timer,replaces<br/> Reason: SIP ;cause=200 ; text="conference"<br/> P-Preferred-Identity: "10003"&lt;sip:10003@www.scme30k.com&gt;<br/> Contact: &lt;sip:10003@23.30.165.9&gt;<br/> Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,<br/> SUBSCRIBE,NOTIFY,PUBLISH<br/> Allow-Events: talk,hold<br/> Content-Length: 0</p> <p>SIP/2.0 180 Ringing<br/> From:<br/> "010000"&lt;sip:890008@www.scme30k.com:5090&gt;;tag=b4fc6a18-<br/> 0-13e2-50022-b7658-2b5a2a5-b7658<br/> To: &lt;sip:10003@www.scme30k.com:5060&gt;;tag=b030bc64-e11f-<br/> 4f20-a822-cf3069f90e3d<br/> Call-ID: b4eb4bd0-0-13e2-50022-b7658-2860c297-b7658<br/> CSeq: 1 INVITE<br/> P-Asserted-Identity: "10003" &lt;sip:10003@www.scme30k.com&gt;<br/> Via: SIP/2.0/UDP<br/> 15.15.10.10:5090;received=127.0.0.1;branch=z9hG4bK-<br/> b7658-2cc6480c-5065c593<br/> Contact: &lt;sip:10003@23.30.160.170:5060&gt;<br/> Content-Length: 0</p> |

(Continued)

| No.                      | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference<br>Predefined | <p>SIP/2.0 200 OK</p> <p>From: &lt;sip:*481001@www.scme30k.com&gt;;tag=9870f600-e3be-4f34-9cd0-6c927c32fe3e</p> <p>To: "Jordan"&lt;sip:010000@www.scme30k.com&gt;;tag=56e4e8-14a51e17-13c4-50022-14a92f-31414668-14a92f</p> <p>Call-ID: 579210-14a51e17-13c4-50022-14a92f-2990a02a-14a92f</p> <p>CSeq: 1 INVITE</p> <p>Via: SIP/2.0/UDP</p> <p>23.30.160.170:5060;rport=5060;branch=z9hG4bK-b7658-2cc6480d-7665957a</p> <p>Supported: timer,replaces</p> <p>Require: timer</p> <p>P-Preferred-Identity:</p> <p>"Jordan"&lt;sip:010000@www.scme30k.com&gt;</p> <p>Contact: &lt;sip:010000@23.30.165.20&gt;</p> <p>Session-Expires: 1800;refresher=uac</p> <p>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH</p> <p>Allow-Events: talk,hold</p> <p>Content-Type: application/sdp</p> <p>Content-Length: 351</p> <p>v=0</p> <p>o=SAMSUNG_IP_PHONE 1334754570 1 IN IP4 23.30.165.20</p> <p>s=SAMSUNG_VOIP_CALL</p> <p>c=IN IP4 23.30.165.20</p> <p>t=0 0</p> <p>m=audio 0 RTP/AVP 8 0 18 101</p> <p>m=audio 20040 RTP/SAVP 8 101</p> <p>a=rtpmap:8 PCMA/8000</p> <p>a=rtpmap:101 telephone-event/8000</p> <p>a=fmtp:101 0-15</p> <p>aptime:20</p> <p>a=sendrecv</p> <p>a=crypto:1 AES_CM_128_HMAC_SHA1_80</p> <p>inline:8uk5YEd7x30biLBYPaet9wlAL+lKjb+sp5StRMvq</p> <p>SIP/2.0 200 OK</p> <p>From: &lt;sip:890008@www.scme30k.com&gt;;tag=b4fc63b8-0-13e2-50022-b7657-646d3371-b7657</p> <p>To: "Jordan"&lt;sip:010000@www.scme30k.com&gt;;tag=7a79fe3d-7541-43bd-8bcf-80389a593b25</p> |

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| No.                      | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference<br>Predefined | <p>Call-ID: 60c65254-5ae3-47cd-9919-799691342cc6@www.scme30k.com</p> <p>CSeq: 1 INVITE</p> <p>Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE,NOTIFY,UPDATE,PUBLISH</p> <p>P-Asserted-Identity: "Jordan"</p> <p>&lt;sip:010000@www.scme30k.com&gt;</p> <p>Via: SIP/2.0/UDP</p> <p>15.15.10.10:5090;received=23.30.160.170;branch=z9hG4bK-b7658-2cc6480b-2491cb9a</p> <p>Contact: &lt;sip:010000@23.30.160.170:5060&gt;</p> <p>Content-Type: application/sdp</p> <p>Content-Length: 339</p><br><p>v=0</p> <p>o=010000 1334754570 1 IN IP4 23.30.160.170</p> <p>s=Samsung IP PBX</p> <p>c=IN IP4 23.30.165.20</p> <p>t=0 0</p> <p>m=audio 0 RTP/AVP 8 0 18 101</p> <p>m=audio 20040 RTP/SAVP 8 101</p> <p>a=rtpmap:8 PCMA/8000</p> <p>a=rtpmap:101 telephone-event/8000</p> <p>a=fmtp:101 0-15</p> <p>a=ptime:20</p> <p>a=sendrecv</p> <p>a=crypto:1 AES_CM_128_HMAC_SHA1_80</p> <p>inline:8uk5YEd7x30biLBYPaet9wlAL+lKjb+sp5StRMvq</p><br><p>ACK sip:010000@23.30.160.170:5060 SIP/2.0</p> <p>From: &lt;sip:890008@www.scme30k.com&gt;;tag=b4fc63b8-0-13e2-50022-b7657-646d3371-b7657</p> <p>To: "Jordan"&lt;sip:010000@www.scme30k.com&gt;;tag=7a79fe3d-7541-43bd-8bcf-80389a593b25</p> <p>Call-ID: 60c65254-5ae3-47cd-9919-799691342cc6@www.scme30k.com</p> <p>CSeq: 1 ACK</p> <p>Via: SIP/2.0/UDP 15.15.10.10:5090;branch=z9hG4bK-b7658-2cc64980-29d8f3b5</p> <p>Max-Forwards: 70</p> <p>Contact: &lt;sip:890008@23.30.160.170:5090&gt;;isfocus</p> <p>Content-Length: 0</p> |



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| No.                      | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference<br>Predefined | <p>ACK sip:010000@23.30.165.20 SIP/2.0</p> <p>From: &lt;sip:*481001@www.scme30k.com&gt;;tag=9870f600-e3be-4f34-9cd0-6c927c32fe3e</p> <p>To: "Jordan"&lt;sip:010000@www.scme30k.com&gt;;tag=56e4e8-14a51e17-13c4-50022-14a92f-31414668-14a92f</p> <p>Call-ID: 579210-14a51e17-13c4-50022-14a92f-2990a02a-14a92f</p> <p>CSeq: 1 ACK</p> <p>Via: SIP/2.0/UDP</p> <p>23.30.160.170:5060;rport;branch=z9hG4bK-b7658-2cc64981-c2c9dc9</p> <p>Max-Forwards: 70</p> <p>Contact: &lt;sip:890008@23.30.160.170:5060&gt;;isfocus</p> <p>Content-Length: 0</p> <p>SIP/2.0 100 Trying</p> <p>From: "Jordan"&lt;sip:010000@www.scme30k.com&gt;;tag=c996e4a3-e451-4d2b-a305-f2936e287638</p> <p>To: "10002"&lt;sips:10002@www.scme30k.com&gt;</p> <p>Call-ID: bc2aad5c-5773-4498-bf18-3f726fa63c96@www.scme30k.com</p> <p>CSeq: 1 INVITE</p> <p>Via: SIP/2.0/TLS 23.30.160.170:5061;branch=z9hG4bK-b7658-2cc6480f-7db622f7</p> <p>Supported: timer,replaces</p> <p>Reason: SIP ;cause=200 ; text="conference"</p> <p>P-Preferred-Identity:</p> <p>"10002"&lt;sips:10002@www.scme30k.com:5061&gt;</p> <p>Contact: &lt;sips:10002@23.30.165.23:5061;transport=TLS&gt;</p> <p>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH</p> <p>Allow-Events: talk,hold</p> <p>Content-Length: 0</p> <p>SIP/2.0 180 Ringing</p> <p>From: "Jordan"&lt;sip:010000@www.scme30k.com&gt;;tag=c996e4a3-e451-4d2b-a305-f2936e287638</p> <p>To: "10002"&lt;sips:10002@www.scme30k.com&gt;;tag=573498-17a51e17-13c4-50022-14bd00-6e48045f-14bd00</p> <p>Call-ID: bc2aad5c-5773-4498-bf18-3f726fa63c96@www.scme30k.com</p> <p>CSeq: 1 INVITE</p> <p>Via: SIP/2.0/TLS 23.30.160.170:5061;branch=z9hG4bK-b7658-2cc6480f-7db622f7</p> |

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| No.                      | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference<br>Predefined | <p>Supported: timer,replaces<br/>Reason: SIP ;cause=200 ; text="conference"<br/>P-Preferred-Identity:<br/>"10002"&lt;sips:10002@www.scme30k.com:5061&gt;<br/>Contact: &lt;sips:10002@23.30.165.23:5061;transport=TLS&gt;<br/>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,<br/>SUBSCRIBE,NOTIFY,PUBLISH<br/>Allow-Events: talk,hold<br/>Content-Length: 0</p> <p>SIP/2.0 180 Ringing<br/>From:<br/>"010000"&lt;sip:890008@www.scme30k.com:5090&gt;;tag=b4fc6880-0-13e2-50022-b7658-39444507-b7658<br/>To: &lt;sip:10002@www.scme30k.com:5060&gt;;tag=cc82f6ef-6c6c-4ffd-9a5d-0c228842d1e1<br/>Call-ID: b4eb49f8-0-13e2-50022-b7658-6c4bcbd1-b7658<br/>CSeq: 1 INVITE<br/>P-Asserted-Identity: "10002"<br/>&lt;sips:10002@www.scme30k.com&gt;<br/>Via: SIP/2.0/UDP<br/>15.15.10.10:5090;received=127.0.0.1;branch=z9hG4bK-b7658-2cc6480c-1b49ec84<br/>Contact: &lt;sip:10002@23.30.160.170:5060&gt;<br/>Content-Length: 0</p> <p>SIP/2.0 200 OK<br/>From: "Jordan"&lt;sip:010000@www.scme30k.com&gt;;tag=f2b3ed53-b981-46f8-86c5-2d206eb716b5<br/>To: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=101302c0-9a51e17-13c4-50022-126951-7e6fb902-126951<br/>Call-ID: 82f7c736-21f3-4c0f-b89c-04a106680c70@www.scme30k.com<br/>CSeq: 1 INVITE<br/>Via: SIP/2.0/UDP<br/>23.30.160.170:5060;rport=5060;branch=z9hG4bK-b7658-2cc64810-184bad80<br/>Supported: timer,replaces<br/>Require: timer<br/>P-Preferred-Identity: "10003"&lt;sip:10003@www.scme30k.com&gt;<br/>Contact: &lt;sip:10003@23.30.165.9&gt;<br/>Session-Expires: 1800;refresher=uac<br/>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,<br/>SUBSCRIBE,NOTIFY,PUBLISH</p> |

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| No.                      | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference<br>Predefined | <p> Allow-Events: talk,hold<br/> Content-Type: application/sdp<br/> Content-Length: 340<br/> <br/> v=0<br/> o=SAMSUNG_IP_PHONE 1334754613 1 IN IP4 23.30.165.9<br/> s=SAMSUNG_VOIP_CALL<br/> c=IN IP4 23.30.165.9<br/> t=0 0<br/> m=audio 0 RTP/AVP 8<br/> m=audio 20142 RTP/SAVP 8 101<br/> a=rtpmap:8 PCMA/8000<br/> a=rtpmap:101 telephone-event/8000<br/> a=fmtp:101 0-15<br/> a=ptime:20<br/> a=sendrecv<br/> a=crypto:1 AES_CM_128_HMAC_SHA1_80<br/> inline:clk5AtDyETgoYBR/YeQP1NwyjrCqE/YxicCji54G<br/> <br/> SIP/2.0 200 OK<br/> From:<br/> "010000"&lt;sip:890008@www.scme30k.com:5090&gt;;tag=b4fc6a18-0-13e2-50022-b7658-2b5a2a5-b7658<br/> To: &lt;sip:10003@www.scme30k.com:5060&gt;;tag=b030bc64-e11f-4f20-a822-cf3069f90e3d<br/> Call-ID: b4eb4bd0-0-13e2-50022-b7658-2860c297-b7658<br/> CSeq: 1 INVITE<br/> Supported: replaces, timer<br/> P-Asserted-Identity: "10003" &lt;sip:10003@www.scme30k.com&gt;<br/> Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE,NOTIFY,UPDATE,PUBLISH<br/> Via: SIP/2.0/UDP<br/> 15.15.10.10:5090;received=127.0.0.1;branch=z9hG4bK-b7658-2cc6480c-5065c593<br/> Contact: &lt;sip:10003@23.30.160.170:5060&gt;<br/> Content-Type: application/sdp<br/> Content-Length: 328<br/> <br/> v=0<br/> o=10003 1334754613 1 IN IP4 23.30.160.170<br/> s=Samsung IP PBX<br/> c=IN IP4 23.30.165.9<br/> t=0 0<br/> m=audio 0 RTP/AVP 8 </p> |

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| No.                      | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference<br>Predefined | <pre> m=audio 20142 RTP/SAVP 8 101 a=rtpmap:8 PCMA/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:clk5AtDyETgoYBR/YeQP1NwyjrCqE/YxicCji54G  ACK sip:10003@23.30.160.170:5060 SIP/2.0 From: "010000"&lt;sip:890008@www.scme30k.com:5090&gt;;tag=b4fc6a18- 0-13e2-50022-b7658-2b5a2a5-b7658 To: &lt;sip:10003@www.scme30k.com:5060&gt;;tag=b030bc64-e11f- 4f20-a822-cf3069f90e3d Call-ID: b4eb4bd0-0-13e2-50022-b7658-2860c297-b7658 CSeq: 1 ACK Via: SIP/2.0/UDP 15.15.10.10:5090;branch=z9hG4bK-b7659- 2cc64e77-57b560f6 Max-Forwards: 70 Contact: &lt;sip:890008@23.30.160.170:5090&gt;;isfocus Content-Length: 0  ACK sip:10003@23.30.165.9 SIP/2.0 From: "Jordan"&lt;sip:010000@www.scme30k.com&gt;;tag=f2b3ed53- b981-46f8-86c5-2d206eb716b5 To: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=101302c0- 9a51e17-13c4-50022-126951-7e6fb902-126951 Call-ID: 82f7c736-21f3-4c0f-b89c- 04a106680c70@www.scme30k.com CSeq: 1 ACK Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-b7659-2cc64e78- 4c30446f Max-Forwards: 70 Contact: &lt;sip:890008@23.30.160.170:5060&gt; Content-Length: 0  SIP/2.0 200 OK From: "Jordan"&lt;sip:010000@www.scme30k.com&gt;;tag=c996e4a3- e451-4d2b-a305-f2936e287638 To: "10002"&lt;sips:10002@www.scme30k.com&gt;;tag=573498- 17a51e17-13c4-50022-14bd00-6e48045f-14bd00 </pre> |

(Continued)

| No.                      | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference<br>Predefined | <p>Call-ID: bc2aad5c-5773-4498-bf18-3f726fa63c96@www.scme30k.com</p> <p>CSeq: 1 INVITE</p> <p>Via: SIP/2.0/TLS 23.30.160.170:5061;branch=z9hG4bK-b7658-2cc6480f-7db622f7</p> <p>Supported: timer,replaces</p> <p>Require: timer</p> <p>P-Preferred-Identity: "10002"&lt;sips:10002@www.scme30k.com:5061&gt;</p> <p>Contact: &lt;sips:10002@23.30.165.23:5061;transport=TLS&gt;</p> <p>Session-Expires: 1800;refresher=uac</p> <p>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH</p> <p>Allow-Events: talk,hold</p> <p>Content-Type: application/sdp</p> <p>Content-Length: 342</p> <p>v=0</p> <p>o=SAMSUNG_IP_PHONE 1334754572 1 IN IP4 23.30.165.23</p> <p>s=SAMSUNG_VOIP_CALL</p> <p>c=IN IP4 23.30.165.23</p> <p>t=0 0</p> <p>m=audio 0 RTP/AVP 8</p> <p>m=audio 20014 RTP/SAVP 8 101</p> <p>a=rtpmap:8 PCMA/8000</p> <p>a=rtpmap:101 telephone-event/8000</p> <p>a=fmtp:101 0-15</p> <p>a=ptime:20</p> <p>a=sendrecv</p> <p>a=crypto:1 AES_CM_128_HMAC_SHA1_80</p> <p>inline:DNo8L0PRdkY6X4+rBCAwEFcc6XqyW3uQR7SV33v0</p> <p>SIP/2.0 200 OK</p> <p>From: "010000"&lt;sip:890008@www.scme30k.com:5090&gt;;tag=b4fc6880-0-13e2-50022-b7658-39444507-b7658</p> <p>To: &lt;sip:10002@www.scme30k.com:5060&gt;;tag=cc82f6ef-6c6c-4fffd-9a5d-0c228842d1e1</p> <p>Call-ID: b4eb49f8-0-13e2-50022-b7658-6c4bcbd1-b7658</p> <p>CSeq: 1 INVITE</p> <p>Supported: replaces, timer</p> <p>P-Asserted-Identity: "10002"&lt;sips:10002@www.scme30k.com&gt;</p> |

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| No.                      | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference<br>Predefined | <p>Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE,<br/>NOTIFY,UPDATE,PUBLISH<br/>Via: SIP/2.0/UDP<br/>15.15.10.10:5090;received=127.0.0.1;branch=z9hG4bK-<br/>b7658-2cc6480c-1b49ec84<br/>Contact: &lt;sip:10002@23.30.160.170:5060&gt;<br/>Content-Type: application/sdp<br/>Content-Length: 329</p> <p>v=0<br/>o=10002 1334754572 1 IN IP4 23.30.160.170<br/>s=Samsung IP PBX<br/>c=IN IP4 23.30.165.23<br/>t=0 0<br/>m=audio 0 RTP/AVP 8<br/>m=audio 20014 RTP/SAVP 8 101<br/>a=rtpmap:8 PCMA/8000<br/>a=rtpmap:101 telephone-event/8000<br/>a=fmtp:101 0-15<br/>a=ptime:20<br/>a=sendrecv<br/>a=crypto:1 AES_CM_128_HMAC_SHA1_80<br/>inline:DNo8L0PRdkY6X4+rBCAwEFcc6XqyW3uQR7SV33v0</p> <p>ACK sip:10002@23.30.160.170:5060 SIP/2.0<br/>From:<br/>"010000"&lt;sip:890008@www.scme30k.com:5090&gt;;tag=b4fc6880-<br/>0-13e2-50022-b7658-39444507-b7658<br/>To: &lt;sip:10002@www.scme30k.com:5060&gt;;tag=cc82f6ef-6c6c-<br/>4ffd-9a5d-0c228842d1e1<br/>Call-ID: b4eb49f8-0-13e2-50022-b7658-6c4bcbd1-b7658<br/>CSeq: 1 ACK<br/>Via: SIP/2.0/UDP 15.15.10.10:5090;branch=z9hG4bK-b765a-<br/>2cc652e4-ecab4bc<br/>Max-Forwards: 70<br/>Contact: &lt;sip:890008@23.30.160.170:5090&gt;;isfocus<br/>Content-Length: 0</p> <p>ACK sips:10002@23.30.165.23:5061;transport=TLS SIP/2.0<br/>From: "Jordan"&lt;sip:010000@www.scme30k.com&gt;;tag=c996e4a3-<br/>e451-4d2b-a305-f2936e287638<br/>To: "10002"&lt;sips:10002@www.scme30k.com&gt;;tag=573498-<br/>17a51e17-13c4-50022-14bd00-6e48045f-14bd00</p> |

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| No.                      | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference<br>Predefined | <p>Call-ID: bc2aad5c-5773-4498-bf18-3f726fa63c96@www.scme30k.com</p> <p>CSeq: 1 ACK</p> <p>Via: SIP/2.0/TLS 23.30.160.170:5061;branch=z9hG4bK-b765a-2cc652e5-700dae2a</p> <p>Max-Forwards: 70</p> <p>Contact: &lt;sips:890008@23.30.160.170:5061&gt;</p> <p>Content-Length: 0</p> <p>BYE sip:890008@23.30.160.170:5060 SIP/2.0</p> <p>From: "Jordan"&lt;sip:010000@www.scme30k.com&gt;;tag=56e4e8-14a51e17-13c4-50022-14a92f-31414668-14a92f</p> <p>To: &lt;sip:*481001@www.scme30k.com&gt;;tag=9870f600-e3be-4f34-9cd0-6c927c32fe3e</p> <p>Call-ID: 579210-14a51e17-13c4-50022-14a92f-2990a02a-14a92f</p> <p>CSeq: 2 BYE</p> <p>Via: SIP/2.0/UDP 23.30.165.20:5060;rport=5060;branch=z9hG4bK-14a939-50b507ac-553e299d</p> <p>Max-Forwards: 70</p> <p>Supported: timer,replaces</p> <p>User-Agent: SAMSUNG-SMT-i5243/V01.38</p> <p>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH</p> <p>Allow-Events: talk,hold</p> <p>Content-Length: 0</p> <p>SIP/2.0 200 OK</p> <p>From: "Jordan"&lt;sip:010000@www.scme30k.com&gt;;tag=56e4e8-14a51e17-13c4-50022-14a92f-31414668-14a92f</p> <p>To: &lt;sip:*481001@www.scme30k.com&gt;;tag=9870f600-e3be-4f34-9cd0-6c927c32fe3e</p> <p>Call-ID: 579210-14a51e17-13c4-50022-14a92f-2990a02a-14a92f</p> <p>CSeq: 2 BYE</p> <p>Via: SIP/2.0/UDP 23.30.165.20:5060;rport=5060;branch=z9hG4bK-14a939-50b507ac-553e299d</p> <p>Content-Length: 0</p> <p>BYE sip:890008@23.30.160.170:5090 SIP/2.0</p> <p>From: "Jordan"&lt;sip:010000@www.scme30k.com&gt;;tag=7a79fe3d-7541-43bd-8bcf-80389a593b25</p> |

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| No.                      | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference<br>Predefined | <p>To: &lt;sip:*481001@www.scme30k.com&gt;;tag=b4fc63b8-0-13e2-50022-b7657-646d3371-b7657<br/> Call-ID: 60c65254-5ae3-47cd-9919-799691342cc6@www.scme30k.com<br/> CSeq: 2 BYE<br/> Via: SIP/2.0/UDP<br/> 23.30.160.170:5060;rport;branch=z9hG4bK-b7660-2cc66914-56fa0954<br/> Reason: Q.850 ;cause=16 ;text="Normal Release"<br/> Max-Forwards: 70<br/> Content-Length: 0</p> <p>BYE sip:10002@23.30.160.170:5060 SIP/2.0<br/> From:<br/> "010000"&lt;sip:890008@www.scme30k.com:5090&gt;;tag=b4fc6880-0-13e2-50022-b7658-39444507-b7658<br/> To: &lt;sip:10002@www.scme30k.com:5060&gt;;tag=cc82f6ef-6c6c-4ffd-9a5d-0c228842d1e1<br/> Call-ID: b4eb49f8-0-13e2-50022-b7658-6c4bcbdl-b7658<br/> CSeq: 2 BYE<br/> Via: SIP/2.0/UDP<br/> 15.15.10.10:5090;received=23.30.160.170;branch=z9hG4bK-b7660-2cc66915-7c06802e<br/> Max-Forwards: 70<br/> Content-Length: 0</p> <p>SIP/2.0 200 OK<br/> From:<br/> "010000"&lt;sip:890008@www.scme30k.com:5090&gt;;tag=b4fc6880-0-13e2-50022-b7658-39444507-b7658<br/> To: &lt;sip:10002@www.scme30k.com:5060&gt;;tag=cc82f6ef-6c6c-4ffd-9a5d-0c228842d1e1<br/> Call-ID: b4eb49f8-0-13e2-50022-b7658-6c4bcbdl-b7658<br/> CSeq: 2 BYE<br/> Via: SIP/2.0/UDP<br/> 15.15.10.10:5090;received=23.30.160.170;branch=z9hG4bK-b7660-2cc66915-7c06802e<br/> Content-Length: 0</p> <p>BYE sip:10003@23.30.160.170:5060 SIP/2.0<br/> From:<br/> "010000"&lt;sip:890008@www.scme30k.com:5090&gt;;tag=b4fc6a18-0-13e2-50022-b7658-2b5a2a5-b7658</p> |



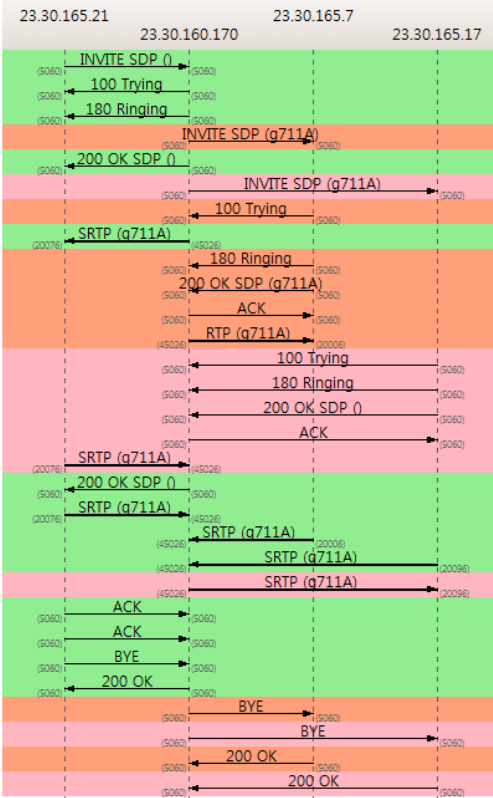
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| No.                      | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference<br>Predefined | <p>To: &lt;sip:10003@www.scme30k.com:5060&gt;;tag=b030bc64-e11f-4f20-a822-cf3069f90e3d<br/> Call-ID: b4eb4bd0-0-13e2-50022-b7658-2860c297-b7658<br/> CSeq: 2 BYE<br/> Via: SIP/2.0/UDP<br/> 15.15.10.10:5090;received=23.30.160.170;branch=z9hG4bK-b7660-2cc66915-1d4f22ac<br/> Max-Forwards: 70<br/> Content-Length: 0</p> <p>SIP/2.0 200 OK<br/> From:<br/> "010000"&lt;sip:890008@www.scme30k.com:5090&gt;;tag=b4fc6a18-0-13e2-50022-b7658-2b5a2a5-b7658<br/> To: &lt;sip:10003@www.scme30k.com:5060&gt;;tag=b030bc64-e11f-4f20-a822-cf3069f90e3d<br/> Call-ID: b4eb4bd0-0-13e2-50022-b7658-2860c297-b7658<br/> CSeq: 2 BYE<br/> Via: SIP/2.0/UDP<br/> 15.15.10.10:5090;received=23.30.160.170;branch=z9hG4bK-b7660-2cc66915-1d4f22ac<br/> Content-Length: 0</p> <p>BYE sips:10002@23.30.165.23:5061;transport=TLS SIP/2.0<br/> From: "Jordan"&lt;sip:010000@www.scme30k.com&gt;;tag=c996e4a3-e451-4d2b-a305-f2936e287638<br/> To: "10002"&lt;sips:10002@www.scme30k.com&gt;;tag=573498-17a51e17-13c4-50022-14bd00-6e48045f-14bd00<br/> Call-ID: bc2aad5c-5773-4498-bf18-3f726fa63c96@www.scme30k.com<br/> CSeq: 2 BYE<br/> Via: SIP/2.0/TLS 23.30.160.170:5061;branch=z9hG4bK-b7660-2cc66917-546740e3<br/> Reason: Q.850 ;cause=16 ;text="Normal Release"<br/> Max-Forwards: 70<br/> Content-Length: 0</p> <p>SIP/2.0 200 OK<br/> From: "Jordan"&lt;sip:010000@www.scme30k.com&gt;;tag=7a79fe3d-7541-43bd-8bcf-80389a593b25<br/> To: &lt;sip:*481001@www.scme30k.com&gt;;tag=b4fc63b8-0-13e2-50022-b7657-646d3371-b7657<br/> Call-ID: 60c65254-5ae3-47cd-9919-799691342cc6@www.scme30k.com</p> |

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| No.                      | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference<br>Predefined | <p>CSeq: 2 BYE<br/>Via: SIP/2.0/UDP<br/>23.30.160.170:5060;rport=5060;branch=z9hG4bK-b7660-2cc66914-56fa0954<br/>Content-Length: 0</p> <p>BYE sip:10003@23.30.165.9 SIP/2.0<br/>From: "Jordan"&lt;sip:010000@www.scme30k.com&gt;;tag=f2b3ed53-b981-46f8-86c5-2d206eb716b5<br/>To: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=101302c0-9a51e17-13c4-50022-126951-7e6fb902-126951<br/>Call-ID: 82f7c736-21f3-4c0f-b89c-04a106680c70@www.scme30k.com<br/>CSeq: 2 BYE<br/>Via: SIP/2.0/UDP<br/>23.30.160.170:5060;rport;branch=z9hG4bK-b7660-2cc66918-4593b9b1<br/>Reason: Q.850 ;cause=16 ;text="Normal Release"<br/>Max-Forwards: 70<br/>Content-Length: 0</p> <p>SIP/2.0 200 OK<br/>From: "Jordan"&lt;sip:010000@www.scme30k.com&gt;;tag=c996e4a3-e451-4d2b-a305-f2936e287638<br/>To: "10002"&lt;sips:10002@www.scme30k.com&gt;;tag=573498-17a51e17-13c4-50022-14bd00-6e48045f-14bd00<br/>Call-ID: bc2aad5c-5773-4498-bf18-3f726fa63c96@www.scme30k.com<br/>CSeq: 2 BYE<br/>Via: SIP/2.0/TLS 23.30.160.170:5061;branch=z9hG4bK-b7660-2cc66917-546740e3<br/>Supported: timer,replaces<br/>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH<br/>Allow-Events: talk,hold<br/>Content-Length: 0</p> <p>SIP/2.0 200 OK<br/>From: "Jordan"&lt;sip:010000@www.scme30k.com&gt;;tag=f2b3ed53-b981-46f8-86c5-2d206eb716b5<br/>To: "10003"&lt;sip:10003@www.scme30k.com&gt;;tag=101302c0-9a51e17-13c4-50022-126951-7e6fb902-126951<br/>Call-ID: 82f7c736-21f3-4c0f-b89c-04a106680c70@www.scme30k.com</p> |

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| No.                      | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference<br>Predefined | CSeq: 2 BYE<br>Via: SIP/2.0/UDP<br>23.30.160.170:5060;rport=5060;branch=z9hG4bK-b7660-2cc66918-4593b9b1<br>Supported: timer,replaces<br>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH<br>Allow-Events: talk,hold<br>Content-Length: 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Conference Paging        | conference-paging<br> <pre> sequenceDiagram     participant A as 23.30.165.21     participant B as 23.30.160.170     participant C as 23.30.165.7     participant D as 23.30.165.17      A-&gt;&gt;B: INVITE SDP ()     B-&gt;&gt;A: 100 Trying     B-&gt;&gt;A: 180 Ringing     B-&gt;&gt;A: INVITE SDP (q711A)     A-&gt;&gt;B: 200 OK SDP ()     B-&gt;&gt;C: INVITE SDP (q711A)     C-&gt;&gt;B: 100 Trying     B-&gt;&gt;C: 180 Ringing     B-&gt;&gt;C: 200 OK SDP (q711A)     C-&gt;&gt;B: ACK     B-&gt;&gt;C: RTP (q711A)     C-&gt;&gt;B: 100 Trying     C-&gt;&gt;B: 180 Ringing     C-&gt;&gt;B: 200 OK SDP ()     B-&gt;&gt;C: ACK     B-&gt;&gt;D: SRTP (q711A)     D-&gt;&gt;B: 200 OK SDP ()     B-&gt;&gt;D: SRTP (q711A)     D-&gt;&gt;B: SRTP (q711A)     B-&gt;&gt;D: SRTP (q711A)     D-&gt;&gt;B: SRTP (q711A)     B-&gt;&gt;D: ACK     D-&gt;&gt;B: ACK     D-&gt;&gt;B: BYE     B-&gt;&gt;D: 200 OK     D-&gt;&gt;B: BYE     B-&gt;&gt;D: 200 OK     D-&gt;&gt;B: 200 OK           </pre> <p>INVITE sip:*55866@www.scme30k.com SIP/2.0<br/>           From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56f1a8-15a51e17-13c4-50022-2973c-53e12759-2973c<br/>           To: &lt;sip:*55866@www.scme30k.com&gt;<br/>           Call-ID: 5770d8-15a51e17-13c4-50022-2973c-382da40b-2973c<br/>           CSeq: 1 INVITE<br/>           Via: SIP/2.0/UDP<br/>           23.30.165.21:5060;rport=5060;branch=z9hG4bK-2973c-a1ec3be-79941e37<br/>           Max-Forwards: 70</p> |

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| No.               | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference Paging | <p>Supported: timer, replaces</p> <p>P-Preferred-Identity:</p> <p>"Michael"&lt;sip:010001@www.scme30k.com&gt;</p> <p>User-Agent: SAMSUNG-SMT-i5243/V01.38</p> <p>Contact: &lt;sip:010001@23.30.165.21&gt;</p> <p>Session-Expires: 1800;refresher=uas</p> <p>Min-SE: 90</p> <p>Allow: INVITE, ACK, CANCEL, BYE, INFO, UPDATE, REFER, SUBSCRIBE, NOTIFY, PUBLISH</p> <p>Allow-Events: talk, hold</p> <p>Content-Type: application/sdp</p> <p>Content-Length: 508</p> <p>v=0</p> <p>o=SAMSUNG_IP_PHONE 1334760206 0 IN IP4 23.30.165.21</p> <p>s=SAMSUNG_VOIP_CALL</p> <p>c=IN IP4 23.30.165.21</p> <p>t=0 0</p> <p>m=audio 20076 RTP/SAVP 8 0 18 9 102 101</p> <p>a=rtpmap:8 PCMA/8000</p> <p>a=rtpmap:0 PCMU/8000</p> <p>a=rtpmap:18 G729/8000</p> <p>a=rtpmap:9 G722/8000</p> <p>a=rtpmap:102 iLBC/8000</p> <p>a=rtpmap:101 telephone-event/8000</p> <p>a=fmtp:101 0-15</p> <p>a=ptime:20</p> <p>a=sendrecv</p> <p>a=crypto:1 AES_CM_128_HMAC_SHA1_80</p> <p>inline:7BF9y5DpTNdnP370oRS3XuuiOhDhIdjPR3kVAdbz</p> <p>a=crypto:2 ARIA_CM_128_HMAC_SHA1_80</p> <p>inline:oHS7o90kgKBS1eS1jH1FxeOOBXVUx4xIYNUmHKL7</p> <p>SIP/2.0 100 Trying</p> <p>From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56f1a8-15a51e17-13c4-50022-2973c-53e12759-2973c</p> <p>To: &lt;sip:*55866@www.scme30k.com&gt;</p> <p>Call-ID: 5770d8-15a51e17-13c4-50022-2973c-382da40b-2973c</p> <p>CSeq: 1 INVITE</p> <p>Via: SIP/2.0/UDP</p> <p>23.30.165.21:5060;rport=5060;branch=z9hG4bK-2973c-a1ec3be-79941e37</p> <p>Contact: &lt;sip:*55866@www.scme30k.com&gt;</p> <p>Content-Length: 0</p> |

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| No.               | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference Paging | <pre> INVITE sip:*55866@www.scme30k.com:5090 SIP/2.0 From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=cb0cce44-e69c- 44c2-a44b-267547310db1 To: &lt;sip:*55866@www.scme30k.com&gt; Call-ID: ba029503-6819-4457-9865- fe21f55924a8@www.scme30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-b8c4a-2d1c0362- 6f811a99 P-Asserted-Identity: "Michael" &lt;sip:010001@www.scme30k.com&gt; Supported: replaces, timer Max-Forwards: 70 Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE, NOTIFY,UPDATE,PUBLISH Contact: &lt;sip:010001@23.30.160.170:5060&gt; Session-Expires: 1800;refresher=uac Min-SE: 90 Content-Type: application/sdp Content-Length: 496  v=0 o=010001 1334760206 0 IN IP4 23.30.160.170 s=Samsung IP PBX c=IN IP4 23.30.165.21 t=0 0 m=audio 20076 RTP/SAVP 8 0 18 9 102 101 a=rtpmap:8 PCMA/8000 a=rtpmap:0 PCMU/8000 a=rtpmap:18 G729/8000 a=rtpmap:9 G722/8000 a=rtpmap:102 iLBC/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:7BF9y5DpTNdnP370oRS3XuiiOhDhIdjPR3kVAdbz a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:oHS7o90kgKBS1eS1jH1FxeOOBXVUx4xIYNUmHKL7 </pre> |

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| No.               | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference Paging | <p>SIP/2.0 180 Ringing</p> <p>From:</p> <p>"Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=cb0cce44-e69c-44c2-a44b-267547310db1</p> <p>To: &lt;sip:*55866@www.scme30k.com&gt;;tag=b4fec7b8-0-13e2-50022-b8c4a-6d84f41f-b8c4a</p> <p>Call-ID: ba029503-6819-4457-9865-fe21f55924a8@www.scme30k.com</p> <p>CSeq: 1 INVITE</p> <p>Via: SIP/2.0/UDP</p> <p>23.30.160.170:5060;received=127.0.0.1;rport=5060;branch=z9hG4bK-b8c4a-2dlc0362-6f811a99</p> <p>Contact: &lt;sip:*55866@www.scme30k.com:5090&gt;;isfocus</p> <p>Content-Length: 0</p><br><p>SIP/2.0 180 Ringing</p> <p>From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56f1a8-15a51e17-13c4-50022-2973c-53e12759-2973c</p> <p>To: &lt;sip:*55866@www.scme30k.com&gt;;tag=ae69ad65-f154-4f63-94a0-d2c45187b546</p> <p>Call-ID: 5770d8-15a51e17-13c4-50022-2973c-382da40b-2973c</p> <p>CSeq: 1 INVITE</p> <p>Via: SIP/2.0/UDP</p> <p>23.30.165.21:5060;rport=5060;branch=z9hG4bK-2973c-alec3be-79941e37</p> <p>Contact: &lt;sip:*55866@23.30.160.170:5060&gt;;isfocus</p> <p>Content-Length: 0</p><br><p>INVITE sip:020000@www.scme30k.com:5060 SIP/2.0</p> <p>From:</p> <p>"010001"&lt;sip:890003@www.scme30k.com:5090&gt;;tag=b4fecc80-0-13e2-50022-b8c4a-57558469-b8c4a</p> <p>To: &lt;sip:020000@www.scme30k.com:5060&gt;</p> <p>Call-ID: b4eb7810-0-13e2-50022-b8c4a-d0b501b-b8c4a</p> <p>CSeq: 1 INVITE</p> <p>Via: SIP/2.0/UDP</p> <p>15.15.10.10:5090;received=127.0.0.1;branch=z9hG4bK-b8c4a-2dlc037b-70da9e07</p> <p>Alert-Info: &lt;http://127.0.0.1&gt;;Bellcore-drl</p> <p>Call-Info: &lt;http://127.0.0.1&gt;;answer-after=0;purpose=page</p> <p>Max-Forwards: 70</p> <p>Reason: SIP ;cause=200 ;text="PAGE"</p> |

(Continued)

| No.               | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference Paging | <p>Contact: &lt;sip:890003@23.30.160.170:5090&gt;;isfocus</p> <p>Content-Type: application/sdp</p> <p>Content-Length: 742</p> <p>v=0</p> <p>o=890003@www.scme30k.com 0 0 IN IP4 127.0.0.1</p> <p>s=Setup Conf</p> <p>c=IN IP4 23.30.160.170</p> <p>t=0 0</p> <p>m=audio 45026 RTP/AVP 8 0 18 101</p> <p>c=IN IP4 23.30.160.170</p> <p>a=rtpmap:8 PCMA/8000</p> <p>a=rtpmap:0 PCMU/8000</p> <p>a=rtpmap:18 G729/8000</p> <p>a=rtpmap:101 telephone-event/8000</p> <p>a=fmtp:101 0-15</p> <p>a=sendrecv</p> <p>m=audio 45026 RTP/SAVP 8 0 18 101</p> <p>c=IN IP4 23.30.160.170</p> <p>a=rtpmap:8 PCMA/8000</p> <p>a=rtpmap:0 PCMU/8000</p> <p>a=rtpmap:18 G729/8000</p> <p>a=rtpmap:101 telephone-event/8000</p> <p>a=fmtp:101 0-15</p> <p>a=sendrecv</p> <p>a=crypto:1 AES_CM_128_HMAC_SHA1_80</p> <p>inline:h1EwxKvHRUvDKPmK0MaPsLgpRX0u1LnWZ7JEgSZr</p> <p>a=crypto:2 ARIA_CM_128_HMAC_SHA1_80</p> <p>inline:h1EwxKvHRUvDKPmK0MaPsLgpRX0u1LnWZ7JEgSZr</p> <p>a=crypto:3 ARIA_CM_192_HMAC_SHA1_80</p> <p>inline:h1EwxKvHRUvDKPmK0MaPsLgpRX0u1LnWZ7JEgSZr08sddOJTN</p> <p>YQ=</p> <p>SIP/2.0 100 Trying</p> <p>From:</p> <p>"010001"&lt;sip:890003@www.scme30k.com:5090&gt;;tag=b4fecc80-0-13e2-50022-b8c4a-57558469-b8c4a</p> <p>To: &lt;sip:020000@www.scme30k.com:5060&gt;</p> <p>Call-ID: b4eb7810-0-13e2-50022-b8c4a-d0b501b-b8c4a</p> <p>CSeq: 1 INVITE</p> <p>Via: SIP/2.0/UDP</p> <p>15.15.10.10:5090;received=127.0.0.1;branch=z9hG4bK-b8c4a-2d1c037b-70da9e07</p> |

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| No.               | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference Paging | <p>Contact: &lt;sip:020000@www.scme30k.com:5060&gt;<br/>Content-Length: 0</p> <p>SIP/2.0 200 OK<br/>From:<br/>"Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=cb0cce44-e69c-44c2-a44b-267547310db1<br/>To: &lt;sip:*55866@www.scme30k.com&gt;;tag=b4fec7b8-0-13e2-50022-b8c4a-6d84f41f-b8c4a<br/>Call-ID: ba029503-6819-4457-9865-fe21f55924a8@www.scme30k.com<br/>CSeq: 1 INVITE<br/>Via: SIP/2.0/UDP<br/>23.30.160.170:5060;received=127.0.0.1;rport=5060;branch=z9hG4bK-b8c4a-2d1c0362-6f811a99<br/>Contact: &lt;sip:890003@23.30.160.170:5090&gt;;isfocus<br/>Reason: SIP ;cause=200 ;text="PAGE"<br/>Content-Type: application/sdp<br/>Content-Length: 321</p> <p>v=0<br/>o=890003@www.scme30k.com 0 0 IN IP4 127.0.0.1<br/>s=Setup Conf<br/>c=IN IP4 23.30.160.170<br/>t=0 0<br/>m=audio 45026 RTP/SAVP 8 101<br/>c=IN IP4 23.30.160.170<br/>a=rtpmap:8 PCMA/8000<br/>a=rtpmap:101 telephone-event/8000<br/>a=fmtp:101 0-15<br/>a=sendrecv<br/>a=crypto:1 AES_CM_128_HMAC_SHA1_80<br/>inline:hlEwxKvHRUvDKPmK0MaPsLgpRX0u1LnWZ7JEgSZr</p> <p>INVITE sip:020001@www.scme30k.com:5060 SIP/2.0<br/>From:<br/>"010001"&lt;sip:890003@www.scme30k.com:5090&gt;;tag=b4fece18-0-13e2-50022-b8c4a-5847fc0c-b8c4a<br/>To: &lt;sip:020001@www.scme30k.com:5060&gt;<br/>Call-ID: b4eb79e8-0-13e2-50022-b8c4a-47b9ac86-b8c4a<br/>CSeq: 1 INVITE<br/>Via: SIP/2.0/UDP<br/>15.15.10.10:5090;received=127.0.0.1;branch=z9hG4bK-b8c4a-2d1c037c-44805fa5</p> |



(Continued)

| No.               | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference Paging | <p>Alert-Info: &lt;http://127.0.0.1&gt;;Bellcore-drl</p> <p>Call-Info: &lt;http://127.0.0.1&gt;;answer-after=0;purpose=page</p> <p>Max-Forwards: 70</p> <p>Reason: SIP ;cause=200 ;text="PAGE"</p> <p>Contact: &lt;sip:890003@23.30.160.170:5090&gt;;isfocus</p> <p>Content-Type: application/sdp</p> <p>Content-Length: 742</p><br><p>v=0</p> <p>o=890003@www.scme30k.com 0 0 IN IP4 127.0.0.1</p> <p>s=Setup Conf</p> <p>c=IN IP4 23.30.160.170</p> <p>t=0 0</p> <p>m=audio 45026 RTP/AVP 8 0 18 101</p> <p>c=IN IP4 23.30.160.170</p> <p>a=rtpmap:8 PCMA/8000</p> <p>a=rtpmap:0 PCMU/8000</p> <p>a=rtpmap:18 G729/8000</p> <p>a=rtpmap:101 telephone-event/8000</p> <p>a=fmtp:101 0-15</p> <p>a=sendrecv</p> <p>m=audio 45026 RTP/SAVP 8 0 18 101</p> <p>c=IN IP4 23.30.160.170</p> <p>a=rtpmap:8 PCMA/8000</p> <p>a=rtpmap:0 PCMU/8000</p> <p>a=rtpmap:18 G729/8000</p> <p>a=rtpmap:101 telephone-event/8000</p> <p>a=fmtp:101 0-15</p> <p>a=sendrecv</p> <p>a=crypto:1 AES_CM_128_HMAC_SHA1_80</p> <p>inline:h1EwxKvHRUvDKPmK0MaPsLgpRX0u1LnWZ7JEgSZr</p> <p>a=crypto:2 ARIA_CM_128_HMAC_SHA1_80</p> <p>inline:h1EwxKvHRUvDKPmK0MaPsLgpRX0u1LnWZ7JEgSZr</p> <p>a=crypto:3 ARIA_CM_192_HMAC_SHA1_80</p> <p>inline:h1EwxKvHRUvDKPmK0MaPsLgpRX0u1LnWZ7JEgSZr08sddOJTN</p> <p>YQ=</p><br><p>SIP/2.0 100 Trying</p> <p>From:</p> <p>"010001"&lt;sip:890003@www.scme30k.com:5090&gt;;tag=b4fece18-0-13e2-50022-b8c4a-5847fc0c-b8c4a</p> <p>To: &lt;sip:020001@www.scme30k.com:5060&gt;</p> <p>Call-ID: b4eb79e8-0-13e2-50022-b8c4a-47b9ac86-b8c4a</p> |

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| No.               | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference Paging | <p>CSeq: 1 INVITE<br/>Via: SIP/2.0/UDP<br/>15.15.10.10:5090;received=127.0.0.1;branch=z9hG4bK-b8c4a-2d1c037c-44805fa5<br/>Contact: &lt;sip:020001@www.scme30k.com:5060&gt;<br/>Content-Length: 0</p> <p>INVITE sip:020000@23.30.165.7 SIP/2.0<br/>From:<br/>"Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=608c342e-7a25-470e-964d-cb36296c9bc5<br/>To: "Jane"&lt;sip:020000@www.scme30k.com&gt;<br/>Call-ID: dd411fc9-48c5-462d-ac8f-d2ef2107f9bb@www.scme30k.com<br/>CSeq: 1 INVITE<br/>Via: SIP/2.0/UDP<br/>23.30.160.170:5060;rport;branch=z9hG4bK-b8c4a-2d1c037f-106a2959<br/>Call-Info: &lt;http://127.0.0.1&gt;;answer-after=0<br/>Supported: timer<br/>Reason: Control ;cause=200 ;text="Broadcast"<br/>Allow: UPDATE<br/>Max-Forwards: 70<br/>Contact: &lt;sip:890003@23.30.160.170:5060&gt;;isfocus<br/>Session-Expires: 1800;refresher=uac<br/>Min-SE: 90<br/>Content-Type: application/sdp<br/>Content-Length: 608</p> <p>v=0<br/>o=890003 0 0 IN IP4 23.30.160.170<br/>s=Samsung IP PBX<br/>c=IN IP4 23.30.160.170<br/>t=0 0<br/>a=sendrecv<br/>m=audio 45026 RTP/AVP 8<br/>a=rtpmap:8 PCMA/8000<br/>a=fmtp:101 0-15<br/>a=sendrecv<br/>m=audio 45026 RTP/SAVP 8 0 0 101<br/>a=rtpmap:8 PCMA/8000<br/>a=fmtp:101 0-15<br/>a=rtpmap:0 PCMU/8000<br/>a=rtpmap:18 G729/8000</p> |

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| No.               | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference Paging | <pre> a=rtpmap:101 telephone-event/8000 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:hlEwxKvHRUvDKPmK0MaPsLgpRX0u1LnWZ7JEgSZr a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:hlEwxKvHRUvDKPmK0MaPsLgpRX0u1LnWZ7JEgSZr a=crypto:3 ARIA_CM_192_HMAC_SHA1_80 inline:hlEwxKvHRUvDKPmK0MaPsLgpRX0u1LnWZ7JEgSZr08sddOJTN YQ=  SIP/2.0 200 OK From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56f1a8- 15a51e17-13c4-50022-2973c-53e12759-2973c To: &lt;sip:*55866@www.scme30k.com&gt;;tag=ae69ad65-f154-4f63- 94a0-d2c45187b546 Call-ID: 5770d8-15a51e17-13c4-50022-2973c-382da40b-2973c CSeq: 1 INVITE Supported: timer Reason: Control ;cause=200 ;text="Broadcast" Allow: UPDATE Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-2973c- a1ec3be-79941e37 Contact: &lt;sip:890003@23.30.160.170:5060&gt;;isfocus Session-Expires: 1800;refresher=uas Content-Type: application/sdp Content-Length: 313  v=0 o=890003 0 0 IN IP4 23.30.160.170 s=Samsung IP PBX c=IN IP4 23.30.160.170 t=0 0 m=audio 45026 RTP/SAVP 8 101 c=IN IP4 23.30.160.170 a=rtpmap:8 PCMA/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:hlEwxKvHRUvDKPmK0MaPsLgpRX0u1LnWZ7JEgSZr </pre> |

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| No.               | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference Paging | <p> INVITE sip:020001@23.30.165.17 SIP/2.0<br/> From:<br/> "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=02d97c60-9371-4eb3-aaad-7607e3e1f1fe<br/> To: "Sandy"&lt;sip:020001@www.scme30k.com&gt;<br/> Call-ID: 0419559f-85a1-4d52-96f2-9c308afbefc6@www.scme30k.com<br/> CSeq: 1 INVITE<br/> Via: SIP/2.0/UDP<br/> 23.30.160.170:5060;rport;branch=z9hG4bK-b8c4a-2d1c0380-6b5c75ec<br/> Call-Info: &lt;http://127.0.0.1&gt;;answer-after=0<br/> Supported: timer<br/> Reason: Control ;cause=200 ;text="Broadcast"<br/> Allow: UPDATE<br/> Max-Forwards: 70<br/> Contact: &lt;sip:890003@23.30.160.170:5060&gt;;isfocus<br/> Session-Expires: 1800;refresher=uac<br/> Min-SE: 90<br/> Content-Type: application/sdp<br/> Content-Length: 608 </p> <p> v=0<br/> o=890003 0 0 IN IP4 23.30.160.170<br/> s=Samsung IP PBX<br/> c=IN IP4 23.30.160.170<br/> t=0 0<br/> a=sendrecv<br/> m=audio 45026 RTP/AVP 8<br/> a=rtpmap:8 PCMA/8000<br/> a=fmtp:101 0-15<br/> a=sendrecv<br/> m=audio 45026 RTP/SAVP 8 0 0 101<br/> a=rtpmap:8 PCMA/8000<br/> a=fmtp:101 0-15<br/> a=rtpmap:0 PCMU/8000<br/> a=rtpmap:18 G729/8000<br/> a=rtpmap:101 telephone-event/8000<br/> a=sendrecv<br/> a=crypto:1 AES_CM_128_HMAC_SHA1_80<br/> inline:h1EwxKvHRUvDKPmK0MaPsLgpRX0u1LnWZ7JEgSZr<br/> a=crypto:2 ARIA_CM_128_HMAC_SHA1_80<br/> inline:h1EwxKvHRUvDKPmK0MaPsLgpRX0u1LnWZ7JEgSZr </p> |

(Continued)

| No.               | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference Paging | <pre> a=crypto:3 ARIA_CM_192_HMAC_SHA1_80 inline:hlEwxKvHRUvDKPmK0MaPsLgpRX0u1LnWZ7JEgSZr08sddOJTN YQ=  SIP/2.0 100 Trying From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=608c342e-7a25- 470e-964d-cb36296c9bc5 To: "Jane"&lt;sip:020000@www.scme30k.com&gt; Call-ID: dd411fc9-48c5-462d-ac8f- d2ef2107f9bb@www.scme30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-b8c4a- 2d1c037f-106a2959 Supported: timer,replaces Reason: SIP ;cause=200 ; text="Broadcast" P-Preferred-Identity: "Jane"&lt;sip:020000@www.scme30k.com&gt; Contact: &lt;sip:020000@23.30.165.7&gt; Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Length: 0  SIP/2.0 180 Ringing From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=608c342e-7a25- 470e-964d-cb36296c9bc5 To: "Jane"&lt;sip:020000@www.scme30k.com&gt;;tag=80f846e8- 171ea507-13c4-50022-1ba112-7f07e07a-1ba112 Call-ID: dd411fc9-48c5-462d-ac8f- d2ef2107f9bb@www.scme30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-b8c4a- 2d1c037f-106a2959 Supported: timer,replaces Reason: SIP ;cause=200 ; text="Broadcast" P-Preferred-Identity: "Jane"&lt;sip:020000@www.scme30k.com&gt; Contact: &lt;sip:020000@23.30.165.7&gt; Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Length: 0 </pre> |

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| No.               | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference Paging | <p>SIP/2.0 180 Ringing</p> <p>From:</p> <p>"010001"&lt;sip:890003@www.scme30k.com:5090&gt;;tag=b4fecc80-0-13e2-50022-b8c4a-57558469-b8c4a</p> <p>To: &lt;sip:020000@www.scme30k.com:5060&gt;;tag=235f68da-2472-4507-bdef-47bca2fd50d1</p> <p>Call-ID: b4eb7810-0-13e2-50022-b8c4a-d0b501b-b8c4a</p> <p>CSeq: 1 INVITE</p> <p>P-Asserted-Identity: "Jane" &lt;sip:020000@www.scme30k.com&gt;</p> <p>Via: SIP/2.0/UDP</p> <p>15.15.10.10:5090;received=127.0.0.1;branch=z9hG4bK-b8c4a-2d1c037b-70da9e07</p> <p>Contact: &lt;sip:020000@23.30.160.170:5060&gt;</p> <p>Content-Length: 0</p><br><p>SIP/2.0 200 OK</p> <p>From:</p> <p>"Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=608c342e-7a25-470e-964d-cb36296c9bc5</p> <p>To: "Jane"&lt;sip:020000@www.scme30k.com&gt;;tag=80f846e8-171ea507-13c4-50022-1ba112-7f07e07a-1ba112</p> <p>Call-ID: dd411fc9-48c5-462d-ac8f-d2ef2107f9bb@www.scme30k.com</p> <p>CSeq: 1 INVITE</p> <p>Via: SIP/2.0/UDP</p> <p>23.30.160.170:5060;rport=5060;branch=z9hG4bK-b8c4a-2d1c037f-106a2959</p> <p>Supported: timer,replaces</p> <p>Require: timer</p> <p>P-Preferred-Identity: "Jane"&lt;sip:020000@www.scme30k.com&gt;</p> <p>Contact: &lt;sip:020000@23.30.165.7&gt;</p> <p>Session-Expires: 1800;refresher=uac</p> <p>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH</p> <p>Allow-Events: talk,hold</p> <p>Content-Type: application/sdp</p> <p>Content-Length: 208</p><br><p>v=0</p> <p>o=SAMSUNG_IP_PHONE 1334760243 1 IN IP4 23.30.165.7</p> <p>s=SAMSUNG_VOIP_CALL</p> <p>c=IN IP4 23.30.165.7</p> <p>t=0 0</p> |

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| No.               | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference Paging | <pre> m=audio 20006 RTP/AVP 8 a=rtpmap:8 PCMA/8000 a=ptime:20 a=sendrecv m=audio 0 RTP/SAVP 8 0 0 101  SIP/2.0 200 OK From: "010001"&lt;sip:890003@www.scme30k.com:5090&gt;;tag=b4fecc80- 0-13e2-50022-b8c4a-57558469-b8c4a To: &lt;sip:020000@www.scme30k.com:5060&gt;;tag=235f68da-2472- 4507-bdef-47bca2fd50d1 Call-ID: b4eb7810-0-13e2-50022-b8c4a-d0b501b-b8c4a CSeq: 1 INVITE Supported: replaces, timer P-Asserted-Identity: "Jane" &lt;sip:020000@www.scme30k.com&gt; Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE, NOTIFY,UPDATE,PUBLISH Via: SIP/2.0/UDP 15.15.10.10:5090;received=127.0.0.1;branch=z9hG4bK- b8c4a-2d1c037b-70da9e07 Contact: &lt;sip:020000@23.30.160.170:5060&gt; Content-Type: application/sdp Content-Length: 197  v=0 o=020000 1334760243 1 IN IP4 23.30.160.170 s=Samsung IP PBX c=IN IP4 23.30.165.7 t=0 0 m=audio 20006 RTP/AVP 8 a=rtpmap:8 PCMA/8000 a=ptime:20 a=sendrecv m=audio 0 RTP/SAVP 8 0 0 101  ACK sip:020000@23.30.160.170:5060 SIP/2.0 From: "010001"&lt;sip:890003@www.scme30k.com:5090&gt;;tag=b4fecc80- 0-13e2-50022-b8c4a-57558469-b8c4a To: &lt;sip:020000@www.scme30k.com:5060&gt;;tag=235f68da-2472- 4507-bdef-47bca2fd50d1 Call-ID: b4eb7810-0-13e2-50022-b8c4a-d0b501b-b8c4a </pre> |

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| No.               | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference Paging | <p>CSeq: 1 ACK</p> <p>Via: SIP/2.0/UDP 15.15.10.10:5090;branch=z9hG4bK-b8c4a-2d1c0440-3d50390f</p> <p>Max-Forwards: 70</p> <p>Contact: &lt;sip:890003@23.30.160.170:5090&gt;;isfocus</p> <p>Content-Length: 0</p><br><p>ACK sip:020000@23.30.165.7 SIP/2.0</p> <p>From:</p> <p>"Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=608c342e-7a25-470e-964d-cb36296c9bc5</p> <p>To: "Jane"&lt;sip:020000@www.scme30k.com&gt;;tag=80f846e8-171ea507-13c4-50022-1ba112-7f07e07a-1ba112</p> <p>Call-ID: dd411fc9-48c5-462d-ac8f-d2ef2107f9bb@www.scme30k.com</p> <p>CSeq: 1 ACK</p> <p>Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-b8c4a-2d1c0441-76f5a225</p> <p>Max-Forwards: 70</p> <p>Contact: &lt;sip:890003@23.30.160.170:5060&gt;</p> <p>Content-Length: 0</p><br><p>SIP/2.0 100 Trying</p> <p>From:</p> <p>"Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=02d97c60-9371-4eb3-aaad-7607e3elf1fe</p> <p>To: "Sandy"&lt;sip:020001@www.scme30k.com&gt;</p> <p>Call-ID: 0419559f-85a1-4d52-96f2-9c308afbfc6@www.scme30k.com</p> <p>CSeq: 1 INVITE</p> <p>Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-b8c4a-2d1c0380-6b5c75ec</p> <p>Supported: timer,replaces</p> <p>Reason: SIP ;cause=200 ; text="Broadcast"</p> <p>P-Preferred-Identity:</p> <p>"Sandy"&lt;sip:020001@www.scme30k.com&gt;</p> <p>Contact: &lt;sip:020001@23.30.165.17&gt;</p> <p>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH</p> <p>Allow-Events: talk,hold</p> <p>Content-Length: 0</p> |



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| No.               | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference Paging | <p>SIP/2.0 180 Ringing</p> <p>From:</p> <p>"Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=02d97c60-9371-4eb3-aaad-7607e3e1f1fe</p> <p>To: "Sandy"&lt;sip:020001@www.scme30k.com&gt;;tag=101a18b8-11a51e17-13c4-50022-27b155-719fe72d-27b155</p> <p>Call-ID: 0419559f-85a1-4d52-96f2-9c308afbfc6@www.scme30k.com</p> <p>CSeq: 1 INVITE</p> <p>Via: SIP/2.0/UDP</p> <p>23.30.160.170:5060;rport=5060;branch=z9hG4bK-b8c4a-2d1c0380-6b5c75ec</p> <p>Supported: timer,replaces</p> <p>Reason: SIP ;cause=200 ; text="Broadcast"</p> <p>P-Preferred-Identity:</p> <p>"Sandy"&lt;sip:020001@www.scme30k.com&gt;</p> <p>Contact: &lt;sip:020001@23.30.165.17&gt;</p> <p>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH</p> <p>Allow-Events: talk,hold</p> <p>Content-Length: 0</p><br><p>SIP/2.0 180 Ringing</p> <p>From:</p> <p>"010001"&lt;sip:890003@www.scme30k.com:5090&gt;;tag=b4fece18-0-13e2-50022-b8c4a-5847fc0c-b8c4a</p> <p>To: &lt;sip:020001@www.scme30k.com:5060&gt;;tag=3faa443e-f14b-4afc-b3f6-e4f3a31aea2b</p> <p>Call-ID: b4eb79e8-0-13e2-50022-b8c4a-47b9ac86-b8c4a</p> <p>CSeq: 1 INVITE</p> <p>P-Asserted-Identity: "Sandy"</p> <p>&lt;sip:020001@www.scme30k.com&gt;</p> <p>Via: SIP/2.0/UDP</p> <p>15.15.10.10:5090;received=127.0.0.1;branch=z9hG4bK-b8c4a-2d1c037c-44805fa5</p> <p>Contact: &lt;sip:020001@23.30.160.170:5060&gt;</p> <p>Content-Length: 0</p><br><p>SIP/2.0 200 OK</p> <p>From:</p> <p>"Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=02d97c60-9371-4eb3-aaad-7607e3e1f1fe</p> <p>To: "Sandy"&lt;sip:020001@www.scme30k.com&gt;;tag=101a18b8-11a51e17-13c4-50022-27b155-719fe72d-27b155</p> |

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| No.               | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference Paging | <p>Call-ID: 0419559f-85a1-4d52-96f2-9c308afbefc6@www.scme30k.com</p> <p>CSeq: 1 INVITE</p> <p>Via: SIP/2.0/UDP<br/>23.30.160.170:5060;rport=5060;branch=z9hG4bK-b8c4a-2d1c0380-6b5c75ec</p> <p>Supported: timer,replaces</p> <p>Require: timer</p> <p>P-Preferred-Identity:<br/>"Sandy"&lt;sip:020001@www.scme30k.com&gt;</p> <p>Contact: &lt;sip:020001@23.30.165.17&gt;</p> <p>Session-Expires: 1800;refresher=uac</p> <p>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,<br/>SUBSCRIBE,NOTIFY,PUBLISH</p> <p>Allow-Events: talk,hold</p> <p>Content-Type: application/sdp</p> <p>Content-Length: 342</p> <p>v=0</p> <p>o=SAMSUNG_IP_PHONE 1334760219 1 IN IP4 23.30.165.17</p> <p>s=SAMSUNG_VOIP_CALL</p> <p>c=IN IP4 23.30.165.17</p> <p>t=0 0</p> <p>m=audio 0 RTP/AVP 8</p> <p>m=audio 20096 RTP/SAVP 8 101</p> <p>a=rtpmap:8 PCMA/8000</p> <p>a=rtpmap:101 telephone-event/8000</p> <p>a=fmtp:101 0-15</p> <p>a=ptime:20</p> <p>a=sendrecv</p> <p>a=crypto:1 AES_CM_128_HMAC_SHA1_80</p> <p>inline:mGmadz89F/Anh1KKyTjCNHThmJEkmpXtuSH3NSI4</p> <p>SIP/2.0 200 OK</p> <p>From:<br/>"010001"&lt;sip:890003@www.scme30k.com:5090&gt;;tag=b4fece18-0-13e2-50022-b8c4a-5847fc0c-b8c4a</p> <p>To: &lt;sip:020001@www.scme30k.com:5060&gt;;tag=3faa443e-f14b-4afc-b3f6-e4f3a31aea2b</p> <p>Call-ID: b4eb79e8-0-13e2-50022-b8c4a-47b9ac86-b8c4a</p> <p>CSeq: 1 INVITE</p> <p>Supported: replaces, timer</p> <p>P-Asserted-Identity: "Sandy"<br/>&lt;sip:020001@www.scme30k.com&gt;</p> |

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| No.               | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference Paging | <p>Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE,NOTIFY,UPDATE,PUBLISH</p> <p>Via: SIP/2.0/UDP<br/>15.15.10.10:5090;received=127.0.0.1;branch=z9hG4bK-b8c4a-2d1c037c-44805fa5</p> <p>Contact: &lt;sip:020001@23.30.160.170:5060&gt;</p> <p>Content-Type: application/sdp</p> <p>Content-Length: 330</p> <p>v=0</p> <p>o=020001 1334760219 1 IN IP4 23.30.160.170</p> <p>s=Samsung IP PBX</p> <p>c=IN IP4 23.30.165.17</p> <p>t=0 0</p> <p>m=audio 0 RTP/AVP 8</p> <p>m=audio 20096 RTP/SAVP 8 101</p> <p>a=rtpmap:8 PCMA/8000</p> <p>a=rtpmap:101 telephone-event/8000</p> <p>a=fmtp:101 0-15</p> <p>a=ptime:20</p> <p>a=sendrecv</p> <p>a=crypto:1 AES_CM_128_HMAC_SHA1_80</p> <p>inline:mGmadz89F/Anh1KKyTjCNHThmJEkmpXtuSH3NSI4</p> <p>ACK sip:020001@23.30.160.170:5060 SIP/2.0</p> <p>From:</p> <p>"010001"&lt;sip:890003@www.scme30k.com:5090&gt;;tag=b4fece18-0-13e2-50022-b8c4a-5847fc0c-b8c4a</p> <p>To: &lt;sip:020001@www.scme30k.com:5060&gt;;tag=3faa443e-f14b-4afc-b3f6-e4f3a31aea2b</p> <p>Call-ID: b4eb79e8-0-13e2-50022-b8c4a-47b9ac86-b8c4a</p> <p>CSeq: 1 ACK</p> <p>Via: SIP/2.0/UDP 15.15.10.10:5090;branch=z9hG4bK-b8c4b-2d1c0529-49bb2501</p> <p>Max-Forwards: 70</p> <p>Contact: &lt;sip:890003@23.30.160.170:5090&gt;;isfocus</p> <p>Content-Length: 0</p> <p>ACK sip:020001@23.30.165.17 SIP/2.0</p> <p>From:</p> <p>"Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=02d97c60-9371-4eb3-aaad-7607e3e1f1fe</p> <p>To: "Sandy"&lt;sip:020001@www.scme30k.com&gt;;tag=101a18b8-11a51e17-13c4-50022-27b155-719fe72d-27b155</p> |

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| No.               | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference Paging | <p>Call-ID: 0419559f-85a1-4d52-96f2-9c308afbefc6@www.scme30k.com</p> <p>CSeq: 1 ACK</p> <p>Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-b8c4b-2d1c052b-7ecfa0cd</p> <p>Max-Forwards: 70</p> <p>Contact: &lt;sip:890003@23.30.160.170:5060&gt;</p> <p>Content-Length: 0</p><br><p>ACK sip:890003@23.30.160.170:5060 SIP/2.0</p> <p>From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56f1a8-15a51e17-13c4-50022-2973c-53e12759-2973c</p> <p>To: &lt;sip:*55866@www.scme30k.com&gt;;tag=ae69ad65-f154-4f63-94a0-d2c45187b546</p> <p>Call-ID: 5770d8-15a51e17-13c4-50022-2973c-382da40b-2973c</p> <p>CSeq: 1 ACK</p> <p>Via: SIP/2.0/UDP 23.30.165.21:5060;rport;branch=z9hG4bK-2973c-alec5ee-50c49187</p> <p>Max-Forwards: 70</p> <p>User-Agent: SAMSUNG-SMT-i5243/V01.38</p> <p>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH</p> <p>Contact: &lt;sip:010001@23.30.165.21&gt;</p> <p>Allow-Events: talk,hold</p> <p>Content-Length: 0</p><br><p>ACK sip:890003@23.30.160.170:5090 SIP/2.0</p> <p>From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=cb0cce44-e69c-44c2-a44b-267547310db1</p> <p>To: &lt;sip:*55866@www.scme30k.com&gt;;tag=b4fec7b8-0-13e2-50022-b8c4a-6d84f41f-b8c4a</p> <p>Call-ID: ba029503-6819-4457-9865-fe21f55924a8@www.scme30k.com</p> <p>CSeq: 1 ACK</p> <p>Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-b8c4b-2d1c05b8-3abd2f3a</p> <p>Max-Forwards: 70</p> <p>Contact: &lt;sip:010001@23.30.160.170:5060&gt;</p> <p>Content-Length: 0</p> |

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| No.               | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference Paging | <p>             BYE sip:890003@23.30.160.170:5060 SIP/2.0<br/>             From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56f1a8-15a51e17-13c4-50022-2973c-53e12759-2973c<br/>             To: &lt;sip:*55866@www.scme30k.com&gt;;tag=ae69ad65-f154-4f63-94a0-d2c45187b546<br/>             Call-ID: 5770d8-15a51e17-13c4-50022-2973c-382da40b-2973c<br/>             CSeq: 2 BYE<br/>             Via: SIP/2.0/UDP<br/>             23.30.165.21:5060;rport=5060;branch=z9hG4bK-29743-aledfac-2e9f7095<br/>             Max-Forwards: 70<br/>             Supported: timer,replaces<br/>             User-Agent: SAMSUNG-SMT-i5243/V01.38<br/>             Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH<br/>             Allow-Events: talk,hold<br/>             Content-Length: 0           </p> <p>             SIP/2.0 200 OK<br/>             From: "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=56f1a8-15a51e17-13c4-50022-2973c-53e12759-2973c<br/>             To: &lt;sip:*55866@www.scme30k.com&gt;;tag=ae69ad65-f154-4f63-94a0-d2c45187b546<br/>             Call-ID: 5770d8-15a51e17-13c4-50022-2973c-382da40b-2973c<br/>             CSeq: 2 BYE<br/>             Via: SIP/2.0/UDP<br/>             23.30.165.21:5060;rport=5060;branch=z9hG4bK-29743-aledfac-2e9f7095<br/>             Content-Length: 0           </p> <p>             BYE sip:890003@23.30.160.170:5090 SIP/2.0<br/>             From:<br/>             "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=cb0cce44-e69c-44c2-a44b-267547310db1<br/>             To: &lt;sip:*55866@www.scme30k.com&gt;;tag=b4fec7b8-0-13e2-50022-b8c4a-6d84f41f-b8c4a<br/>             Call-ID: ba029503-6819-4457-9865-fe21f55924a8@www.scme30k.com<br/>             CSeq: 2 BYE<br/>             Via: SIP/2.0/UDP<br/>             23.30.160.170:5060;rport;branch=z9hG4bK-b8c51-2d1c1f49-6b143560<br/>             Reason: Q.850 ;cause=16 ;text="Normal Release"           </p> |

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| No.               | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference Paging | <p>Max-Forwards: 70<br/>Content-Length: 0</p> <p>BYE sip:020000@23.30.160.170:5060 SIP/2.0<br/>From:<br/>"010001"&lt;sip:890003@www.scme30k.com:5090&gt;;tag=b4fecc80-0-13e2-50022-b8c4a-57558469-b8c4a<br/>To: &lt;sip:020000@www.scme30k.com:5060&gt;;tag=235f68da-2472-4507-bdef-47bca2fd50d1<br/>Call-ID: b4eb7810-0-13e2-50022-b8c4a-d0b501b-b8c4a<br/>CSeq: 2 BYE<br/>Via: SIP/2.0/UDP<br/>15.15.10.10:5090;received=23.30.160.170;branch=z9hG4bK-b8c51-2d1c1f49-42d7ae90<br/>Max-Forwards: 70<br/>Content-Length: 0</p> <p>SIP/2.0 200 OK<br/>From:<br/>"010001"&lt;sip:890003@www.scme30k.com:5090&gt;;tag=b4fecc80-0-13e2-50022-b8c4a-57558469-b8c4a<br/>To: &lt;sip:020000@www.scme30k.com:5060&gt;;tag=235f68da-2472-4507-bdef-47bca2fd50d1<br/>Call-ID: b4eb7810-0-13e2-50022-b8c4a-d0b501b-b8c4a<br/>CSeq: 2 BYE<br/>Via: SIP/2.0/UDP<br/>15.15.10.10:5090;received=23.30.160.170;branch=z9hG4bK-b8c51-2d1c1f49-42d7ae90<br/>Content-Length: 0</p> <p>BYE sip:020001@23.30.160.170:5060 SIP/2.0<br/>From:<br/>"010001"&lt;sip:890003@www.scme30k.com:5090&gt;;tag=b4fece18-0-13e2-50022-b8c4a-5847fc0c-b8c4a<br/>To: &lt;sip:020001@www.scme30k.com:5060&gt;;tag=3faa443e-f14b-4afc-b3f6-e4f3a31aea2b<br/>Call-ID: b4eb79e8-0-13e2-50022-b8c4a-47b9ac86-b8c4a<br/>CSeq: 2 BYE<br/>Via: SIP/2.0/UDP<br/>15.15.10.10:5090;received=23.30.160.170;branch=z9hG4bK-b8c51-2d1c1f4a-4981d52e<br/>Max-Forwards: 70<br/>Content-Length: 0</p> |

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| No.               | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference Paging | <p>SIP/2.0 200 OK</p> <p>From:</p> <p>"010001"&lt;sip:890003@www.scme30k.com:5090&gt;;tag=b4fece18-0-13e2-50022-b8c4a-5847fc0c-b8c4a</p> <p>To: &lt;sip:020001@www.scme30k.com:5060&gt;;tag=3faa443e-f14b-4afc-b3f6-e4f3a31aea2b</p> <p>Call-ID: b4eb79e8-0-13e2-50022-b8c4a-47b9ac86-b8c4a</p> <p>CSeq: 2 BYE</p> <p>Via: SIP/2.0/UDP</p> <p>15.15.10.10:5090;received=23.30.160.170;branch=z9hG4bK-b8c51-2d1c1f4a-4981d52e</p> <p>Content-Length: 0</p><br><p>BYE sip:020000@23.30.165.7 SIP/2.0</p> <p>From:</p> <p>"Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=608c342e-7a25-470e-964d-cb36296c9bc5</p> <p>To: "Jane"&lt;sip:020000@www.scme30k.com&gt;;tag=80f846e8-171ea507-13c4-50022-1ba112-7f07e07a-1ba112</p> <p>Call-ID: dd411fc9-48c5-462d-ac8f-d2ef2107f9bb@www.scme30k.com</p> <p>CSeq: 2 BYE</p> <p>Via: SIP/2.0/UDP</p> <p>23.30.160.170:5060;rport;branch=z9hG4bK-b8c51-2d1c1f4c-2f736a93</p> <p>Reason: Q.850 ;cause=16 ;text="Normal Release"</p> <p>Max-Forwards: 70</p> <p>Content-Length: 0</p><br><p>SIP/2.0 200 OK</p> <p>From:</p> <p>"Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=cb0cce44-e69c-44c2-a44b-267547310db1</p> <p>To: &lt;sip:*55866@www.scme30k.com&gt;;tag=b4fec7b8-0-13e2-50022-b8c4a-6d84f41f-b8c4a</p> <p>Call-ID: ba029503-6819-4457-9865-fe21f55924a8@www.scme30k.com</p> <p>CSeq: 2 BYE</p> <p>Via: SIP/2.0/UDP</p> <p>23.30.160.170:5060;rport=5060;branch=z9hG4bK-b8c51-2d1c1f49-6b143560</p> <p>Content-Length: 0</p> |

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| No.               | Feature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference Paging | <p>           BYE sip:020001@23.30.165.17 SIP/2.0<br/>           From:<br/>           "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=02d97c60-9371-4eb3-aaad-7607e3elf1fe<br/>           To: "Sandy"&lt;sip:020001@www.scme30k.com&gt;;tag=101a18b8-11a51e17-13c4-50022-27b155-719fe72d-27b155<br/>           Call-ID: 0419559f-85a1-4d52-96f2-9c308afbefc6@www.scme30k.com<br/>           CSeq: 2 BYE<br/>           Via: SIP/2.0/UDP<br/>           23.30.160.170:5060;rport;branch=z9hG4bK-b8c51-2d1c1f4c-6b340de9<br/>           Reason: Q.850 ;cause=16 ;text="Normal Release"<br/>           Max-Forwards: 70<br/>           Content-Length: 0         </p> <p>           SIP/2.0 200 OK<br/>           From:<br/>           "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=608c342e-7a25-470e-964d-cb36296c9bc5<br/>           To: "Jane"&lt;sip:020000@www.scme30k.com&gt;;tag=80f846e8-171ea507-13c4-50022-1ba112-7f07e07a-1ba112<br/>           Call-ID: dd411fc9-48c5-462d-ac8f-d2ef2107f9bb@www.scme30k.com<br/>           CSeq: 2 BYE<br/>           Via: SIP/2.0/UDP<br/>           23.30.160.170:5060;rport=5060;branch=z9hG4bK-b8c51-2d1c1f4c-2f736a93<br/>           Supported: timer,replaces<br/>           Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH<br/>           Allow-Events: talk,hold<br/>           Content-Length: 0         </p> <p>           SIP/2.0 200 OK<br/>           From:<br/>           "Michael"&lt;sip:010001@www.scme30k.com&gt;;tag=02d97c60-9371-4eb3-aaad-7607e3elf1fe<br/>           To: "Sandy"&lt;sip:020001@www.scme30k.com&gt;;tag=101a18b8-11a51e17-13c4-50022-27b155-719fe72d-27b155<br/>           Call-ID: 0419559f-85a1-4d52-96f2-9c308afbefc6@www.scme30k.com<br/>           CSeq: 2 BYE         </p> |



(Continued)

| No.               | Feature                                                                                                                                                                                                                                                  |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conference Paging | Via: SIP/2.0/UDP<br>23.30.160.170:5060;rport=5060;branch=z9hG4bK-b8c51-<br>2d1c1f4c-6b340de9<br>Supported: timer,replaces<br>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,<br>SUBSCRIBE,NOTIFY,PUBLISH<br>Allow-Events: talk,hold<br>Content-Length: 0 |





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## **SCM Express System Troubleshooting Reference**

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