

SCM Express

LDAP Server Interoperability Guide



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INTRODUCTION

Purpose

This manual describes the LDAP Server interoperability of the SCM.

Audience

This manual provides information for administrator who is responsible for managing LDAP client system Engineer interworking SCM.

Document Content and Organization

This manual contains 4 Chapters.

CHAPTER 1. Overview of the LDAP Server Service

This chapter describes the LDAP Server services of SCM.

CHAPTER 2. LDAP Server Service

This chapter describes the LDAP Server services.

CHAPTER 3. Basic information for the LDAP server service

This chapter describes the PMS messages.

CHAPTER 4. LDAP Server Directory structure

This chapter describes the directory structure of LDAP Server.

Revision History

VERSION	DATE OF ISSUE	REMARKS
1.0	06. 2013.	First Version
1.1	02. 2014	Add Attributes

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CHAPTER 1. Overview of LDAP Server Service

Lightweight Directory Access Protocol (LDAP) server service provides that external devices linked with Samsung Communication Manager (SCM) can take user information of SCM. The external devices can query user information registered in SCM such as: Extension Number, Department, Position and so on.

SCM only allowed LDAP server to perform browsing function, but modifying or adding.

CHAPTER 2. LDAP Server Service

This chapter describes the practical services provided by LDAP server.

2.1 Searching Information

LDAP server connects to the internal database of SCM and provides data to LDAP client.

LDAP server provides the following data:

- Department List
- Position List
- User Group Lit
- User Information
- LDAP Manager Information

For more information on each data, please refer to the table of the last chapter

2.2 LDAP Server access

LDAP server divides the user level into LDAP Manager and LDAP User for network management and system load. And LDAP User has some limitation when accesses to LDAP server.

You can set the level in **[CONFIGURATION > User > User Profile]** menu.

Items	Description
LDAP Server Manager	- No: LDAP User (default) - Yes: LDAP Manager

Figure 1. LDAP Server Access

2.2.1 LDAP Manager

User with LDAP Manager level can query all information that LDAP server provides and there is no restriction.

2.2.2 LDAP User

User with LDAP User level cannot get the user password.

CHAPTER 3. How to connect to LDAP server

Basic information for connecting to LDAP Server is as follows:

Table 1. Basic information for connecting to LDAP Server

Items	Description
LDAP Server port	389
Login ID	1) When you connect to the server with manager level Login ID: cn='User ID', ou=manager ,dc=scm,dc=samsung 2) When you connect to the server with user level Login ID:cn='User ID', ou=subscriber, dc=scm,dc=samsung 3) 'User ID' is [User ID] in [CONFIGURATION > User > User Profile] menu.
LoginPassword	Application User Password (need to MD5 encryption(base64).) - [Password] in [CONFIGURATION > User > User Profile]
Base DN	dc=scm, dc=samsung

CHAPTER 4. LDAP Server Directory structure

This is shown in Figure, LDAP server directory structure to be provided in SCM.

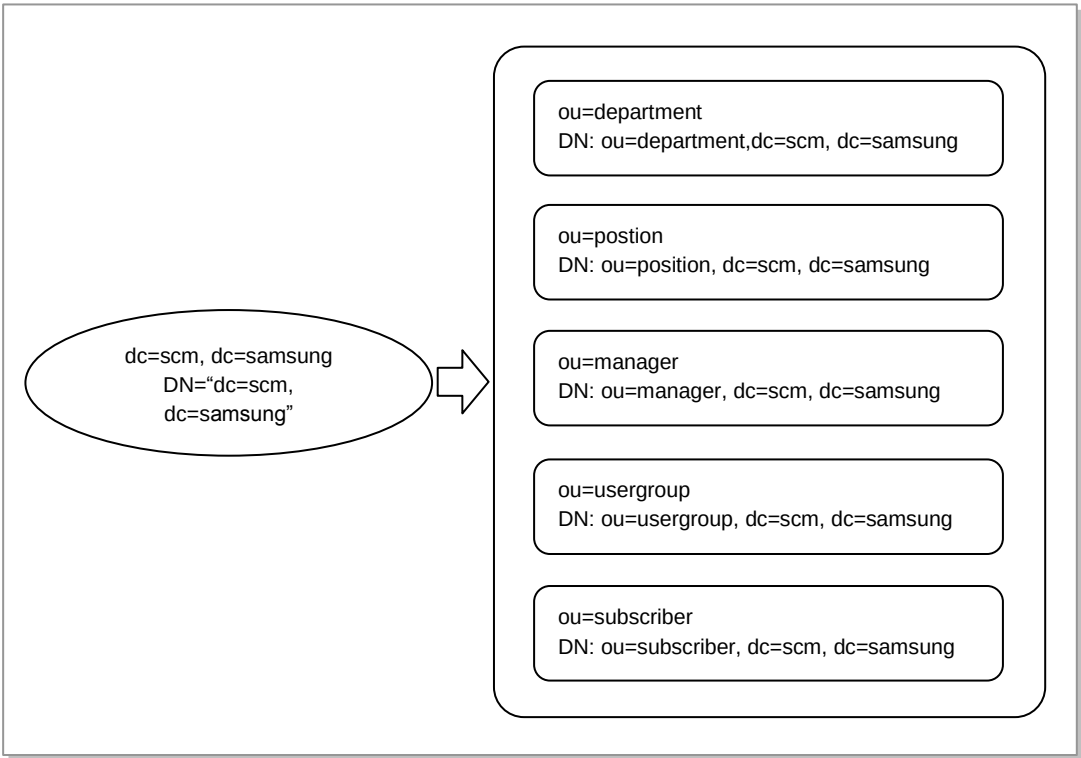


Figure 2. LDAP Server Directory structure

Ошибка! Используйте вкладку "Главная" для применения 제목 1 к тексту, который должен здесь отображаться..

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Table 2. LDAP object class, Attribute Information

Object class	Attribute	GUI menu	Connected DB
scmPosition	ou	User Group > Postion > Position Name	position.name
	scmPositionId	-	position.idx
	scmPositionUgId	-	position.user_grp_idx
	scmPositionName	User Group > Postion > Position Name	position.name
	scmPositionDesc	User Group > Postion > Position Description	position.descript
	scmPositionOrder	-	position.order_idx
	scmPositionUpTime		position.update_time
scmDepartment	ou	User Group > Department > Department Name	department.name
	scmDepartmentId	-	department.idx
	scmDepartmentUgId	-	department.user_grp_idx
	scmDepartmentPCode	-	department.parent_code
	scmDepartmentSCode	-	department.self_code
	scmDepartmentName	User Group > Department > Department Name	department.name
	scmDepartmentDesc	User Group > Department > Description	department.descript
	scmDepartmentOrder	-	department.order_idx
	scmDepartmentLow		department.low_depar t
	scmDepartmentUpTime		department.update_ti me
	scmDepartmentPid		department.parent_idx
scmManager	cn	-	app_user.name
	sn	-	user_grp.name
	scmManagerName	-	app_user.name
	userPassword	-	app_user.loginpw
scmUserGroup	ou	User Group > Change User Group > Information > Name	user_grp.name
	scmUserGroupId	-	user_grp.idx
	scmUserGroupName	User Group > Change	user_grp.name

Ошибка! Используйте вкладку "Главная" для применения 제목 1 к тексту, который должен здесь отображаться..

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Object class	Attribute	GUI menu	Connected DB
		User Group > Information > Name	
scmSubscriber	cn	User > User Profile > Name	app_user.name
	Sn	User > User Profile > User Group	user_grp.name
	scmLoginId	User > Single/Mutli Phone User > Application User ID	app_user.loginid
	scmLoginPw	User > Single/Mutli Phone User > Application Password	app_user.loginpw
	scmAppName	User > User Profile > Name	app_user.name
	scmMyUserGroupId	-	app_user.user_grp_idx
	scmMyUserGroupName	User > User Profile > User Group	user_grp.name
	scmExtensionNumber	User > User Profile > Extension	subs.ext_num
	scmMobileNumber	User > Single/Mutli Phone User > Mobile Phone Number	subs.mobile_num
	scmMyDepartmentId	-	app_user.department_idx
	scmMyDepartmentName	User > User Profile > Department	department.name
	scmMyPositionId	-	app_user.position_idx
	scmMyPositionName	User > User Profile > Position	position.name
	scmReservedValue1~20	-	app_user.reserved1~20
	userPassword	User > Single/Mutli Phone User > Application Password	app_user.loginpw
	scmMyPresence	User > User Profile > Presence	app_user.presence
	scmMyPhotoFile	User > User Profile > System Photo File Name	app_user.photo_name
	scmDirectorFlag	User > User Profile > Director	app_user.director
	scmMyNameChoseon		App_user.choseong

Ошибка! Используйте вкладку "Главная" для применения 제목 1 к тексту, который должен здесь отображаться..

Ошибка! Используйте вкладку "Главная" для применения 제목 1 к тексту, который должен здесь отображаться.

Object class	Attribute	GUI menu	Connected DB
	g		
	scmMyPhotoChanged Time		App_user. photo_update_tm
	scmAppUserUpTime		App_user. update_time



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