October 3, 2019

Cisco Unified Communications Manager
Configuration Report

CustomerA

As-Built Documentation for project

Table of Content

1 Report Information 8
1.1 Report Generation 8
2 System 8
2.1 Server 9
2.2 Services 9
2.3 Cisco Unified CM 12
2.4 Cisco Unified CM Group 12
2.5 Presence Redundancy Groups 13
2.6 Phone NTP Reference 13
2.7 Date/Time Group 13
2.8 BLF Presence Group 13
2.9 Region Information 14
2.9.1 Audio Codec Preference Lists 14
2.9.2 Region 15
2.10 Device Pool 16
2.11 Device Mobility 29
2.11.1 Device Mobility Group 29
2.11.2 Device Mobility Info 29
2.12 DHCP 29
2.12.1 DHCP Server 30
2.12.2 DHCP Subnet 30
2.13 LDAP 30
2.13.1 LDAP System 31
2.13.2 LDAP Directory 31
2.13.3 LDAP Authentication 32
2.13.4 LDAP Custom Filter 33
2.13.5 LDAP Search 33
2.14 SAML Single Sign-On 34
2.15 Cross-Origin Resource Sharing (CORS) 34
2.16 Location Information 34
2.16.1 Location 34
2.16.2 Location Bandwidth Manager Group 35
2.16.3 Location Bandwidth Manager Intercluster Replication Group 35
2.17 Physical Location 36
2.18 SRST 36
2.19 MLPP 36
2.19.1 MLPP Domain 36
2.19.2 Resource Priority Namespace Network Domain 37
2.19.3 Resource Priority Namespace List 37
2.20 Enterprise Parameters 37
2.21 Enterprise Phone Configuration 41
2.22 Service Parameters 44
2.23 Security 71
2.23.1 Certificate 72
2.23.2 Phone Security Profile 100

2.23.3 SIP Trunk Security Profile 156
2.23.4 CUMA Server Security Profile 157
2.24 Application Server 157
2.25 Geolocation 157
2.26 Geolocation Filter 158
2.27 E911 Messages 160
3 Call Routing 160
3.1 AAR Group 161
3.2 Dial Rules 161
3.2.1 Application Dial Rules 161
3.2.2 Directory Lookup Dial Rules 162
3.2.3 SIP Dial Rules 162
3.3 Route Filter 162
3.4 Route / Hunt 163
3.4.1 Route List and Route Group 163
3.4.2 Route Group 164
3.4.3 Local Route Group Names 164
3.4.4 Route List 164
3.4.5 Route Pattern (Condensed) 165
3.4.6 Hunt Pilot - List and Group 166
3.4.7 Line Group 166
3.4.8 Hunt List 167
3.4.9 Hunt Pilot 168
3.5 SIP Route Pattern (Condensed) 170
3.6 Class of Control 171
3.6.1 Access List 171
3.6.2 Time Schedule and Period 171
3.6.3 Partition 171
3.6.4 Calling Search Space 172
3.7 Intercom 179
3.7.1 Intercom Route Partition 179
3.7.2 Intercom Calling Search Space 179
3.7.3 Intercom Directory Number 180
3.7.4 Intercom Translation Pattern 180
3.8 Client Matter Codes 181
3.9 Forced Authorization Code 181
3.10 Emergency Location 181
3.10.1 Emergency Location Configuration 182
3.10.2 Emergency Location (ELIN) Groups 182
3.11 Translation Pattern (Condensed) 183
3.12 Call Park 184
3.13 Directed Call Park 184
3.14 Call Pickup Group 184
3.14.1 Call Pickup Group - Group Members 185
3.15 Directory Number (Condensed) 186
3.15.1 Directory Numbers - Unallocated (Condensed) 201
3.16 Meet-Me Number 214
3.17 Conference Now 214

3.18 Route Plan Report 214
3.19 Transformation 219
3.19.1 Transformation Pattern 219
3.19.2 Transformation Profile 220
3.20 Mobility 220
3.20.1 Mobility Enterprise Feature Access Number 221
3.20.2 Handoff Configuration 221
3.20.3 Mobility Profile 221
3.21 Logical Partitioning Policy 221
3.22 External Call Control Profile 222
3.23 HTTP Profile 223
3.24 Call Control Discovery 223
3.24.1 Hosted DN Group 223
3.24.2 Hosted DN Pattern 223
3.24.3 Advertising Service 224
3.24.4 Partition 224
3.24.5 Requesting Service 224
3.24.6 Blocked Learned Pattern 224
3.24.7 Feature Configuration 225
3.25 Global Dial Plan Replication 225
3.25.1 Advertised Patterns 225
3.25.2 Blocked Learned Numbers and Patterns 226
3.25.3 Partitions for Learned Numbers and Patterns 226
3.25.4 Learned Numbers 226
3.25.5 Learned Patterns 226
3.25.6 Learned Directory URIs 227
3.25.7 Imported Global Dial Plan Catalogs 227
3.25.8 Imported Directory URIs 227
3.25.9 Imported Patterns 227
4 Media Resources 227
4.1 Annunciator 227
4.2 Interactive Voice Responses 228
4.3 Conference Bridge 228
4.4 Media Termination Point 229
4.5 Music On Hold Audio Source 229
4.6 Music On Hold Server 230
4.7 Video On Hold Server 230
4.8 Transcoder 231
4.9 Media Resource Groups and Lists 232
4.10 Mobile Voice Access 232
4.11 Announcements 232
5 Advanced Features 236
5.1 Voice Mail 236
5.1.1 Cisco Voice Mail Port 236
5.1.2 Message Waiting 237
5.1.3 Voice Mail Profile and Pilot 238
5.2 SAF 238
5.2.1 SAF Security Profile 239

5.2.2 SAF Forwarder 239
5.3 EMCC 240
5.3.1 EMCC Feature Configuration 240
5.3.2 EMCC Intercluster Service Profile 240
5.4 Cluster View 240
5.5 Intercompany Media Services 241
5.5.1 Server Connection 241
5.5.2 Enrolled Group 242
5.5.3 Enrolled Pattern 242
5.5.4 Exclusion Group 242
5.5.5 Exclusion Number 243
5.5.6 Trust Group 243
5.5.7 Trust Element 243
5.5.8 Service 243
5.5.9 E.164 Transformation 244
5.5.10 Learned Route 244
5.5.11 Firewall 244
5.5.12 Intercompany Media Services Feature Configuration 245
5.6 Fallback 245
5.6.1 Fallback Profile 245
5.6.2 Fallback Feature Configuration 246
5.7 VPN 246
5.7.1 VPN Profile 247
5.7.2 VPN Group 247
5.7.3 VPN Gateway 247
5.7.4 VPN Feature Configuration 248
5.8 Called Party Tracing List 248
5.9 ILS Configuration 248
5.10 Call Control Agent Profile 248
5.11 Directory Number Alias Lookup And Sync 249
5.12 Device Location Tracking Services 249
5.12.1 Switches and Access Points 249
5.12.2 Wireless Access Points Controllers 249
6 Device 250
6.1 CTI Route Point 251
6.2 Gatekeeper 253
6.3 Gateway 253
6.3.1 Gateway Overview 253
6.3.2 MGCP Gateway 253
6.3.3 H.323 Gateway 255
6.3.4 Analog Gateway 256
6.4 Phone 258
6.4.1 Phone Filter 259
6.4.2 Analog Phone (1) 259
6.4.3 Cisco 7832 (1) 259
6.4.4 Cisco 7841 (1) 260
6.4.5 Cisco 7861 (1) 261
6.4.6 Cisco 7941 (1) 261

6.4.7 Cisco 7945 (1) 262
6.4.8 Cisco 7975 (1) 262
6.4.9 Cisco 8841 (1) 263
6.4.10 Cisco 8941 (1) 264
6.4.11 Subscribed Services 264
6.4.12 Speed Dials 265
6.4.13 Busy Lamp Field Speed Dials 266
6.4.14 Busy Lamp Field Directed Call Parks 267
6.5 Trunk 269
6.5.1 Trunk - Overview 269
6.5.2 Trunk - Detailed 269
6.6 Remote Destination 285
6.7 Device Settings 285
6.7.1 Device Defaults 286
6.7.2 Firmware Load Information 291
6.7.3 Default Device Profile 295
6.7.4 Device Profile 299
6.7.5 Phone Button Template 304
6.7.6 Softkey Template 357
6.7.7 Phone Services 368
6.7.8 SIP Profile 371
6.7.9 Common Device Configuration 384
6.7.10 Common Phone Profile 384
6.7.11 Remote Destination Profile 393
6.7.12 Feature Control Policy 395
6.7.13 Recording Profile 395
6.7.14 SIP Normalization Script 395
6.7.15 SDP Transparency Profile 397
6.7.16 Network Access Profile 397
6.7.17 Wireless LAN Profile 398
6.7.18 Wireless LAN Profile Group 398
6.7.19 Wifi Hotspot Profile 398
7 User Management 399
7.1 Application User 399
7.2 End User (Condensed) 406
7.3 SIP Realm 416
7.4 User Settings 416
7.4.1 Credential Policy Default 416
7.4.2 Credential Policy 417
7.4.3 Role 417
7.4.4 Access Control Group 446
7.4.5 End User CAPF Profile 448
7.4.6 UC Service 448
7.4.7 Service Profile 448
7.4.8 User Profile 451
7.4.9 User Group 451
7.4.10 User Rank 452
7.5 Self-Provisioning 452

1 Report Information

1.1 Report Generation

This configuration report for the Cisco Unified Communications Manager (CUCM) cluster has the following details:

Report Info	
Report Date	3/10/2019 10:01:26
Report generated for	CustomerA
Description	As-Built Documentation for project
Server Info	
CUCM version	12.5.1.10000(22)
CUCM IP	10.5.1.120
Report Settings	
Report Type	Direct Report
Visual Style	Blu Light.css
Report Content	Most Complete
Template HTML	CCMreportTemplate.htm
Template Word	Gears-Blue-universal.doc
Report Tool Info	
Report Tool Version	12.0.18 / 23 Aug 2019
Report Tool License	Licensed [Prof all]

2 System

The following chapters describe the configuration items in the Cisco Unified Communications Manager Administration System menu:

- Server
- Service Status
- Cisco Unified Communications Manager
- Cisco Unified Communications Manager Group
- Presence Redundancy Groups (in CUCM 10.0 and later)
- Phone NTP Reference
- Date-Time Group
- Presence Group
- Regions
- Audio Codec Preference (in CUCM 9.0 and later)
- Device Pool
- Device Mobility Group
- Device Mobility Info
- DHCP Server
- DHCP Subnet
- Location (in CUCM 9.0 and later)
- Location Bandwidth Manager Group (in CUCM 9.0 and later)
- Location Bandwidth Manager Hub Group (in CUCM 9.0 and later)
- LDAP System
- LDAP Directory
- LDAP Authentication
- LDAP Custom Filter (in CUCM 9.0 and later)
- Presence Redundancy Groups (in CUCM 10.0 and later)
- Location
- Physical Location
- Survivable Remote Site Telephony

- MLPP Domain
- Enterprise Parameters
- Enterprise Phone Configuration (in CUCM 8.0 and later)
- Service Parameters
- Certificate
- Phone Security Profile
- SIP Trunk Security Profile
- Application Server
- License Unit Report
- Geo Location (in CUCM 9.0 and later)
- E911 (in CUCM 9.0 and later)

2.1 Server

The following Cisco Unified servers are present in the cluster:

Server Configuration						
Host Name/IP Address	Server Type	Database Replication	IPv6 Address	MAC Address	Description	LBM Intercluster Replication Group
10.5.1.120	CUCM Voice/Video	Publisher				LBMInterclusterReplicGroupConfig01
10.5.1.122	CUCM IM and Presence	Publisher				

2.2 Services

The following services are present on this server:

Services					
Server Name	Node Type	Service Name	Status	Activation Status	Start Time
10.5.1.120	Publisher	A Cisco DB	Started	Activated	Mon Sep 16 00:26:02 2019
10.5.1.120	Publisher	A Cisco DB Replicator	Started	Activated	Mon Sep 16 00:26:03 2019
10.5.1.120	Publisher	Cisco AMC Service	Started	Activated	Mon Sep 16 00:26:33 2019
10.5.1.120	Publisher	Cisco AXL Web Service	Started	Activated	Mon Sep 16 00:38:29 2019
10.5.1.120	Publisher	Cisco Audit Event Service	Started	Activated	Mon Sep 16 00:26:36 2019
10.5.1.120	Publisher	Cisco Bulk Provisioning Service	Started	Activated	Mon Sep 16 00:26:56 2019
10.5.1.120	Publisher	Cisco CAR DB	Started	Activated	Mon Sep 16 00:26:48 2019
10.5.1.120	Publisher	Cisco CAR Scheduler	Started	Activated	Mon Sep 16 00:26:38 2019
10.5.1.120	Publisher	Cisco CDP	Started	Activated	Mon Sep 16 00:26:19 2019
10.5.1.120	Publisher	Cisco CDP Agent	Started	Activated	Mon Sep 16 00:26:11 2019
10.5.1.120	Publisher	Cisco CDR Agent	Started	Activated	Mon Sep 16 00:26:31 2019
10.5.1.120	Publisher	Cisco CDR Repository Manager	Started	Activated	Mon Sep 16 00:26:30 2019
10.5.1.120	Publisher	Cisco CTIManager	Started	Activated	Mon Sep 16 00:26:49 2019
10.5.1.120	Publisher	Cisco CallManager	Started	Activated	Mon Sep 16

Services					
Server Name	**Node Type**	**Service Name**	**Status**	**Activation Status**	**Start Time**
					00:26:46 2019
10.5.1.120	Publisher	Cisco CallManager Admin	Started	Activated	Mon Sep 16 00:38:29 2019
10.5.1.120	Publisher	Cisco CallManager SNMP Service	Started	Activated	Mon Sep 16 00:26:54 2019
10.5.1.120	Publisher	Cisco CallManager Serviceability	Started	Activated	Mon Sep 16 00:38:30 2019
10.5.1.120	Publisher	Cisco CallManager Serviceability RTMT	Started	Activated	Mon Sep 16 00:37:57 2019
10.5.1.120	Publisher	Cisco Certificate Authority Proxy Function	Started	Activated	Mon Sep 16 00:26:50 2019
10.5.1.120	Publisher	Cisco Certificate Change Notification	Started	Activated	Mon Sep 16 00:26:26 2019
10.5.1.120	Publisher	Cisco Certificate Expiry Monitor	Started	Activated	Mon Sep 16 00:26:25 2019
10.5.1.120	Publisher	Cisco Change Credential Application	Started	Activated	Mon Sep 16 00:38:29 2019
10.5.1.120	Publisher	Cisco DRF Local	Started	Activated	Mon Sep 16 00:26:24 2019
10.5.1.120	Publisher	Cisco DRF Master	Started	Activated	Mon Sep 16 00:26:23 2019
10.5.1.120	Publisher	Cisco Database Layer Monitor	Started	Activated	Mon Sep 16 00:26:04 2019
10.5.1.120	Publisher	Cisco Device Activation Service	Started	Activated	Mon Sep 16 00:38:30 2019
10.5.1.120	Publisher	Cisco Dialed Number Analyzer Server	Started	Activated	Mon Sep 16 00:26:58 2019
10.5.1.120	Publisher	Cisco DirSync	Started	Activated	Mon Sep 16 00:26:55 2019
10.5.1.120	Publisher	Cisco E911	Started	Activated	Mon Sep 16 00:38:29 2019
10.5.1.120	Publisher	Cisco Extended Functions	Started	Activated	Mon Sep 16 00:26:52 2019
10.5.1.120	Publisher	Cisco Extension Mobility	Started	Activated	Mon Sep 16 00:38:29 2019
10.5.1.120	Publisher	Cisco Extension Mobility Application	Started	Activated	Mon Sep 16 00:38:29 2019
10.5.1.120	Publisher	Cisco Log Partition Monitoring Tool	Started	Activated	Mon Sep 16 00:26:18 2019
10.5.1.120	Publisher	Cisco Management Agent Service	Started	Activated	Mon Sep 16 00:26:43 2019
10.5.1.120	Publisher	Cisco Push Notification Service	Started	Activated	Mon Sep 16 00:26:42 2019
10.5.1.120	Publisher	Cisco RIS Data Collector	Started	Activated	Mon Sep 16 00:26:32 2019
10.5.1.120	Publisher	Cisco RTMT Reporter Servlet	Started	Activated	Mon Sep 16 00:37:57 2019
10.5.1.120	Publisher	Cisco SOAP - CallRecord Service	Started	Activated	Mon Sep 16 00:38:29 2019
10.5.1.120	Publisher	Cisco Serviceability Reporter	Started	Activated	Mon Sep 16 00:26:53 2019
10.5.1.120	Publisher	Cisco Smart License Manager	Started	Activated	Mon Sep 16 00:26:45 2019
10.5.1.120	Publisher	Cisco Syslog Agent	Started	Activated	Mon Sep 16 00:26:12 2019

Services					
Server Name	**Node Type**	**Service Name**	**Status**	**Activation Status**	**Start Time**
10.5.1.120	Publisher	Cisco Tftp	Started	Activated	Mon Sep 16 00:26:59 2019
10.5.1.120	Publisher	Cisco Tomcat	Started	Activated	Mon Sep 16 00:26:05 2019
10.5.1.120	Publisher	Cisco Tomcat Stats Servlet	Started	Activated	Mon Sep 16 00:38:29 2019
10.5.1.120	Publisher	Cisco Trace Collection Service	Started	Activated	Mon Sep 16 00:26:28 2019
10.5.1.120	Publisher	Cisco Trace Collection Servlet	Started	Activated	Mon Sep 16 00:38:30 2019
10.5.1.120	Publisher	Cisco Trust Verification Service	Started	Activated	Mon Sep 16 00:26:06 2019
10.5.1.120	Publisher	Cisco UXL Web Service	Started	Activated	Mon Sep 16 00:38:29 2019
10.5.1.120	Publisher	Cisco User Data Services	Started	Activated	Mon Sep 16 00:38:30 2019
10.5.1.120	Publisher	Host Resources Agent	Started	Activated	Fri Sep 20 06:42:23 2019
10.5.1.120	Publisher	MIB2 Agent	Started	Activated	Mon Sep 16 00:26:08 2019
10.5.1.120	Publisher	Platform Administrative Web Service	Started	Activated	Mon Sep 16 00:38:29 2019
10.5.1.120	Publisher	Platform Communication Web Service	Started	Activated	Mon Sep 16 00:38:29 2019
10.5.1.120	Publisher	SNMP Master Agent	Started	Activated	Fri Sep 20 06:42:18 2019
10.5.1.120	Publisher	SOAP - Diagnostic Portal Database Service	Started	Activated	Mon Sep 16 00:38:29 2019
10.5.1.120	Publisher	SOAP -Log Collection APIs	Started	Activated	Mon Sep 16 00:37:58 2019
10.5.1.120	Publisher	SOAP -Performance Monitoring APIs	Started	Activated	Mon Sep 16 00:37:57 2019
10.5.1.120	Publisher	SOAP -Real-Time Service APIs	Started	Activated	Mon Sep 16 00:37:57 2019
10.5.1.120	Publisher	System Application Agent	Started	Activated	Mon Sep 16 00:26:10 2019
10.5.1.120	Publisher	Cisco CAR Web Service	Stopped	Deactivated	< None >
10.5.1.120	Publisher	Cisco CTL Provider	Stopped	Deactivated	< None >
10.5.1.120	Publisher	Cisco Certificate Enrollment Service	Stopped	Deactivated	< None >
10.5.1.120	Publisher	Cisco DHCP Monitor Service	Stopped	Deactivated	< None >
10.5.1.120	Publisher	Cisco Dialed Number Analyzer	Stopped	Deactivated	< None >
10.5.1.120	Publisher	Cisco Directory Number Alias Lookup	Stopped	Deactivated	< None >
10.5.1.120	Publisher	Cisco Directory Number Alias Sync	Stopped	Deactivated	< None >
10.5.1.120	Publisher	Cisco IP Manager Assistant	Stopped	Deactivated	< None >
10.5.1.120	Publisher	Cisco IP Voice Media Streaming App	Stopped	Deactivated	< None >
10.5.1.120	Publisher	Cisco Intercluster Lookup Service	Stopped	Deactivated	< None >
10.5.1.120	Publisher	Cisco Location Bandwidth Manager	Stopped	Deactivated	< None >
10.5.1.120	Publisher	Cisco SOAP - CDRonDemand Service	Stopped	Deactivated	< None >

Services					
Server Name	**Node Type**	**Service Name**	**Status**	**Activation Status**	**Start Time**
10.5.1.120	Publisher	Cisco TAPS Service	Stopped	Deactivated	< None >
10.5.1.120	Publisher	Cisco Unified Mobile Voice Access Service	Stopped	Deactivated	< None >
10.5.1.120	Publisher	Cisco WebDialer Web Service	Stopped	Deactivated	< None >
10.5.1.120	Publisher	Cisco Wireless Controller Synchronization Service	Stopped	Deactivated	< None >
10.5.1.120	Publisher	Self Provisioning IVR	Stopped	Deactivated	< None >

2.3 Cisco Unified CM

The Cisco Unified Communications Manager (CUCM) cluster consists of the following servers:

Cisco Unified CM	
CUCM Server	**Details**
10.5.1.120	

Server Information	
CUCM Name	CUCM120
CTI ID	1
Description	CUCM120
Location Bandwidth Manager Group	< None >
Auto-registration Information	
Universal Device Template	Auto-registration Template
Universal Line Template	Sample Line Template with TAG usage examples
Starting Directory Number	10000
Ending Directory Number	11000
Auto-registration active	AutoReg enabled
TCP Port Settings for this Server	
Ethernet Phone Port	2000
MGCP Listen Port	2427
MGCP Keep-alive Port	2428
SIP Phone Port	5060
SIP Phone Secure Port	5061
SIP Phone OAuth Port	5090
SIP Mobile and Remote Access OAuth Port	5091

2.4 Cisco Unified CM Group

A Cisco Unified Communications Manager (CUCM) group specifies a prioritized list of up to three Cisco Unified Communications Managers (CUCMs).

The first Cisco Unified Communications Manager in the list serves as the primary CUCM for that group, and the other members of the group serve as secondary and tertiary (backup) Cisco Unified Communications Managers. Each device pool has one CUCM group assigned to it. When a device registers, it attempts to connect to the primary (first) Cisco Unified Communications Manager in the group that is assigned to its device pool. If the primary CUCM is not available, the device tries to connect to the next CUCM that is listed in the group, and so on.

Cisco Unified Communications Manager (CUCM) groups provide important features for your system:

- Redundancy: This feature enables you to designate both primary and backup Cisco Unified Communications Managers for each group.
- Call processing load balancing: This feature enables you to distribute the control of devices across multiple Cisco Unified Communications Managers.

Cisco Unified CM Group

Name	Auto-registration	Group Members
Default	Y	CUCM120
CMG_Subs	N	CUCM120
CMG_ForTesting	N	CUCM120

2.5 Presence Redundancy Groups

A Presence Redundancy Group is comprised of two or more IM and Presence Service nodes from the same cluster and provides both redundancy and recovery for IM and Presence Service clients and applications.

The following Presence Redundancy Groups are defined:

Presence Redundancy Groups		
Name	**Description**	**Presence Servers**
DefaultCUPSubcluster	Default subcluster	10.5.1.122

2.6 Phone NTP Reference

This table lists the NTP servers that you want the SIP phone to use to get its date and time.

Note: Cisco Unified Communications Manager cannot be configured as Phone NTP References.

Phone NTP Reference			
IP Address	**IPv6 Address**	**Description**	**Mode**
10.5.1.100		Our Time Server	Directed Broadcast

2.7 Date/Time Group

Date/Time Groups define time zones for the various devices that are connected to Cisco Unified Communications Manager (CUCM).

Cisco Unified Communications Manager (CUCM) provides a default Date/Time Group called CMLocal that configures automatically when you install Cisco Unified Communications Manager (CUCM); however, Cisco recommends that you configure a group for each local time zone. CMLocal synchronizes to the active date and time of the operating system on the Cisco Unified Communications Manager (CUCM) server. After installing Cisco Unified Communications Manager (CUCM), you can change the settings for CMLocal as desired. Normally, you adjust the server date/time to the local time zone date and time.

Date/Time Group				
Group Name	**Time Zone**	**Date Format**	**Time Format**	**Phone NTP References**
CMLocal	Europe/Brussels (GMT+01:00) Brussels, Paris, Madrid, Copenhagen	M/D/Y	24-hour	10.5.1.100

2.8 BLF Presence Group

Presence groups control the destinations that presence watchers can monitor.

To configure a presence group, create the group and assign one or more destinations and watchers to the same group.

Note: The system always allows presence requests within the same presence group. You must also specify the relationships to other presence groups by using one of the following permissions: Use System Default: use the Default Inter-Presence Group Subscription service parameter, Allow Subscription, Disallow Subscription.

BLF Presence Group			
Name	**Description**	**BLF Presence Group Relationship**	
BLFPresenceTest	new BLF	**BLF Presence Group**	**Subscription Permission**

BLF Presence Group		
Name	**Description**	**BLF Presence Group Relationship**
	Presence Group	Standard Presence group: Allow Subscription NOTE: Presence Groups(s) not displayed: Use System Default
Standard Presence group	Standard Presence group	**BLF Presence Group**: **Subscription Permission** NOTE: Presence Groups(s) not displayed: Use System Default

2.9 Region Information

The following chapters describe the items in the Cisco Unified Communications Manager Administration 'Region Information' menu:

- Audio Codec Preference lists
- Regions

2.9.1 Audio Codec Preference Lists

The Audio Codec Preference settings define the order of audio codec preference, both for calls within a region and for between regions.

Unified CM has two default Audio Codec Preference lists, one for lossy regions and another for low-loss regions. These are the Factory Default lossy, and the Factory Default low loss.

The following Audio Codec Preference lists are configured:

Audio Codec Preference List Information		
Name	**Description**	**Codecs in List**
Factory Default lossy	Lossy Codec List	OPUS (6k-510k) MP4A-LATM 128k AAC-LD (MP4A Generic) MP4A-LATM 64k MP4A-LATM 56k L16 256k MP4A-LATM 48k ISAC 32k AMR-WB (7k-24k) MP4A-LATM 32k G.722 64k G.722.1 32k G.722 56k G.722.1 24k G.722 48k MP4A-LATM 24k G.711 U-Law 64k G.711 A-Law 64k G.711 U-Law 56k G.711 A-Law 56k ILBC 16k G.728 16k AMR (5k-13k) GSM Enhanced Full Rate 13k GSM Full Rate 13k G.729b 8k G.729ab 8k G.729 8k G.729a 8k GSM Half Rate 6k G.723.1 7k
Factory Default low loss	Low Loss Codec List	MP4A-LATM 128k AAC-LD (MP4A Generic) MP4A-LATM 64k MP4A-LATM 56k L16 256k MP4A-LATM 48k

Audio Codec Preference List Information		
Name	**Description**	**Codecs in List**
		OPUS (6k-510k) G.722 64k ISAC 32k MP4A-LATM 32k AMR-WB (7k-24k) G.722.1 32k G.722 56k G.722.1 24k G.722 48k MP4A-LATM 24k G.711 U-Law 64k G.711 A-Law 64k G.711 U-Law 56k G.711 A-Law 56k ILBC 16k G.728 16k AMR (5k-13k) GSM Enhanced Full Rate 13k GSM Full Rate 13k G.729b 8k G.729ab 8k G.729 8k G.729a 8k GSM Half Rate 6k G.723.1 7k

2.9.2 Region

Regions specify the bandwidth that is used for audio and video calls within a region and between existing regions. The audio codec determines the type of compression and the maximum amount of bandwidth that is used per audio call. The video call bandwidth comprises the sum of the audio bandwidth and video bandwidth but does not include overhead.

Cisco Unified Communications Manager (CUCM) allows addition of a maximum of 2000 regions.

Region					
Name	**Region Relationships**				
Default	**Region**	**Audio Codec Preference List**	**Maximum Audio Bit Rate**	**Maximum Session Bit Rate for Video Calls**	**Maximum Session Bit Rate for Immersive Video Calls**
	Default	Use System Default	64 kbps (G.722, G.711)	384 kbps	2147483647 kbps
	G711	Use System Default	64 kbps (G.722, G.711)	Use System Default (384 kbps)	Use System Default (2000000000 kbps)
	INFORMACAST_REGION	Use System Default	64 kbps (G.722, G.711)	None	None
	NOTE: Regions(s) not displayed	Use System Default	Use System Default	Use System Default	Use System Default
G711	**Region**	**Audio Codec Preference List**	**Maximum Audio Bit Rate**	**Maximum Session Bit Rate for Video Calls**	**Maximum Session Bit Rate for Immersive Video Calls**
	Default	Use System Default	64 kbps (G.722, G.711)	Use System Default (384 kbps)	Use System Default (2000000000 kbps)

Region					
Name	**Region Relationships**				
	INFORMACAST_REGION	Use System Default	64 kbps (G.722, G.711)	None	None
	NOTE: Regions(s) not displayed	Use System Default	Use System Default	Use System Default	Use System Default

INFORMACAST_REGION					
	Region	**Audio Codec Preference List**	**Maximum Audio Bit Rate**	**Maximum Session Bit Rate for Video Calls**	**Maximum Session Bit Rate for Immersive Video Calls**
	G711	Use System Default	64 kbps (G.722, G.711)	None	None
	Default	Use System Default	64 kbps (G.722, G.711)	None	None
	NOTE: Regions(s) not displayed	Use System Default	Use System Default	Use System Default	Use System Default

2.10 Device Pool

Device pools define sets of common characteristics for devices. The device pool structure supports the separation of user and location information. The device pool now contains only device- and location-related information. The Common Profile window records all the user-oriented information. Ensure that each device is associated with a device pool and with a common profile for user-oriented information.

Device Pool		
Name	**Device Pool Configuration**	
DP_1	**Device Pool Settings**	
	CUCM Group	CMG_Subs
	Calling Search Space for Auto-registration	CSS_Autoreg
	Adjunct CSS	CSS_1
	Reverted Call Focus Priority	Default
	Intercompany Media Services Enrolled Group	< None >
	Roaming Sensitive Settings	
	Date/Time Group	CMLocal
	Region	G711
	Media Resource Group List	< None >
	Location	< None >
	Network Locale	< None >
	SRST Reference	Disable
	Connection Monitor Duration	
	Single Button Barge	Default
	Join Across Lines	Default
	Physical Location	< None >
	Device Mobility Group	< None >
	Wireless LAN Profile Group	< None >
	Emergency Location(ELIN) Group	< None >
	Local Route Group Settings	
	Standard Local Route Group	< None >
	Test Route Group For Testing	< None >
	Device Mobility Related Information	

Device Pool		
Name	**Device Pool Configuration**	
	Device Mobility Calling Search Space	< None >
	AAR Calling Search Space	< None >
	AAR Group	< None >
	Calling Party Transformation CSS	< None >
	Called Party Transformation CSS	< None >
	Geo Location Configuration	
	Geo Location	< None >
	Geo Location Filter	< None >
	Incoming Calling Party Settings	
	National Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	International Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	Unknown Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	Subscriber Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	Incoming Called Party Settings	
	National Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	International Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	Unknown Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	Subscriber Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	Caller ID For Calls From This Phone	
	Calling Party Transformation CSS	< None >
	Connected Party Settings	
	Connected Party Transformation CSS	< None >
	Redirecting Party Settings	
	Redirecting Party Transformation CSS	< None >
DP_2	**Device Pool Settings**	
	CUCM Group	CMG_Subs
	Calling Search Space for Auto-registration	CSS_Autoreg
	Adjunct CSS	CSS_1
	Reverted Call Focus Priority	Highest
	Intercompany Media Services Enrolled Group	< None >
	Roaming Sensitive Settings	
	Date/Time Group	CMLocal
	Region	G711
	Media Resource Group List	< None >
	Location	< None >
	Network Locale	< None >
	SRST Reference	Disable
	Connection Monitor Duration	
	Single Button Barge	Default
	Join Across Lines	Default
	Physical Location	< None >
	Device Mobility Group	< None >
	Wireless LAN Profile Group	< None >
	Emergency Location(ELIN) Group	< None >
	Local Route Group Settings	
	Standard Local Route Group	< None >
	Test Route Group For Testing	< None >
	Device Mobility Related Information	
	Device Mobility Calling Search Space	< None >
	AAR Calling Search Space	< None >

Device Pool		
Name	**Device Pool Configuration**	
	AAR Group	< None >
	Calling Party Transformation CSS	< None >
	Called Party Transformation CSS	< None >
	Geo Location Configuration	
	Geo Location	< None >
	Geo Location Filter	< None >
	Incoming Calling Party Settings	
	National Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	International Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	Unknown Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	Subscriber Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	Incoming Called Party Settings	
	National Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	International Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	Unknown Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	Subscriber Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	Caller ID For Calls From This Phone	
	Calling Party Transformation CSS	< None >
	Connected Party Settings	
	Connected Party Transformation CSS	< None >
	Redirecting Party Settings	
	Redirecting Party Transformation CSS	< None >
DP_3	**Device Pool Settings**	
	CUCM Group	CMG_Subs
	Calling Search Space for Auto-registration	CSS_Autoreg
	Adjunct CSS	CSS_1
	Reverted Call Focus Priority	Default
	Intercompany Media Services Enrolled Group	< None >
	Roaming Sensitive Settings	
	Date/Time Group	CMLocal
	Region	G711
	Media Resource Group List	< None >
	Location	< None >
	Network Locale	< None >
	SRST Reference	Disable
	Connection Monitor Duration	
	Single Button Barge	Default
	Join Across Lines	Default
	Physical Location	< None >
	Device Mobility Group	< None >
	Wireless LAN Profile Group	< None >
	Emergency Location(ELIN) Group	< None >
	Local Route Group Settings	
	Standard Local Route Group	< None >
	Test Route Group For Testing	< None >
	Device Mobility Related Information	
	Device Mobility Calling Search Space	< None >
	AAR Calling Search Space	< None >
	AAR Group	< None >
	Calling Party Transformation CSS	< None >

Device Pool		
Name	**Device Pool Configuration**	
	Called Party Transformation CSS	< None >
	Geo Location Configuration	
	Geo Location	< None >
	Geo Location Filter	< None >
	Incoming Calling Party Settings	
	National Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	International Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	Unknown Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	Subscriber Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	Incoming Called Party Settings	
	National Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	International Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	Unknown Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	Subscriber Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	Caller ID For Calls From This Phone	
	Calling Party Transformation CSS	< None >
	Connected Party Settings	
	Connected Party Transformation CSS	< None >
	Redirecting Party Settings	
	Redirecting Party Transformation CSS	< None >
DP_AutoReg	**Device Pool Settings**	
	CUCM Group	CMG_Subs
	Calling Search Space for Auto-registration	CSS_Autoreg
	Adjunct CSS	CSS_1
	Reverted Call Focus Priority	Default
	Intercompany Media Services Enrolled Group	< None >
	Roaming Sensitive Settings	
	Date/Time Group	CMLocal
	Region	G711
	Media Resource Group List	< None >
	Location	< None >
	Network Locale	< None >
	SRST Reference	Disable
	Connection Monitor Duration	
	Single Button Barge	Default
	Join Across Lines	Default
	Physical Location	< None >
	Device Mobility Group	< None >
	Wireless LAN Profile Group	< None >
	Emergency Location(ELIN) Group	< None >
	Local Route Group Settings	
	Standard Local Route Group	< None >
	Test Route Group For Testing	< None >
	Device Mobility Related Information	
	Device Mobility Calling Search Space	< None >
	AAR Calling Search Space	< None >
	AAR Group	< None >
	Calling Party Transformation CSS	< None >
	Called Party Transformation CSS	< None >
	Geo Location Configuration	

Device Pool		
Name	**Device Pool Configuration**	
	Geo Location	< None >
	Geo Location Filter	< None >
	Incoming Calling Party Settings	
	National Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	International Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	Unknown Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	Subscriber Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	Incoming Called Party Settings	
	National Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	International Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	Unknown Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	Subscriber Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	Caller ID For Calls From This Phone	
	Calling Party Transformation CSS	< None >
	Connected Party Settings	
	Connected Party Transformation CSS	< None >
	Redirecting Party Settings	
	Redirecting Party Transformation CSS	< None >
DP_Brisbane	**Device Pool Settings**	
	CUCM Group	CMG_Subs
	Calling Search Space for Auto-registration	CSS_Autoreg
	Adjunct CSS	CSS_1
	Reverted Call Focus Priority	Default
	Intercompany Media Services Enrolled Group	< None >
	Roaming Sensitive Settings	
	Date/Time Group	CMLocal
	Region	G711
	Media Resource Group List	< None >
	Location	< None >
	Network Locale	< None >
	SRST Reference	Disable
	Connection Monitor Duration	
	Single Button Barge	Default
	Join Across Lines	Default
	Physical Location	< None >
	Device Mobility Group	< None >
	Wireless LAN Profile Group	< None >
	Emergency Location(ELIN) Group	< None >
	Local Route Group Settings	
	Standard Local Route Group	< None >
	Test Route Group For Testing	< None >
	Device Mobility Related Information	
	Device Mobility Calling Search Space	< None >
	AAR Calling Search Space	< None >
	AAR Group	< None >
	Calling Party Transformation CSS	< None >
	Called Party Transformation CSS	< None >
	Geo Location Configuration	
	Geo Location	< None >
	Geo Location Filter	< None >

Device Pool		
Name	**Device Pool Configuration**	
	Incoming Calling Party Settings	
	National Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	International Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	Unknown Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	Subscriber Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	Incoming Called Party Settings	
	National Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	International Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	Unknown Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	Subscriber Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	Caller ID For Calls From This Phone	
	Calling Party Transformation CSS	< None >
	Connected Party Settings	
	Connected Party Transformation CSS	< None >
	Redirecting Party Settings	
	Redirecting Party Transformation CSS	< None >
DP_G711	**Device Pool Settings**	
	CUCM Group	CMG_Subs
	Calling Search Space for Auto-registration	CSS_Autoreg
	Adjunct CSS	CSS_1
	Reverted Call Focus Priority	Default
	Intercompany Media Services Enrolled Group	< None >
	Roaming Sensitive Settings	
	Date/Time Group	CMLocal
	Region	G711
	Media Resource Group List	< None >
	Location	< None >
	Network Locale	< None >
	SRST Reference	Disable
	Connection Monitor Duration	
	Single Button Barge	Default
	Join Across Lines	Default
	Physical Location	< None >
	Device Mobility Group	< None >
	Wireless LAN Profile Group	< None >
	Emergency Location(ELIN) Group	< None >
	Local Route Group Settings	
	Standard Local Route Group	< None >
	Test Route Group For Testing	< None >
	Device Mobility Related Information	
	Device Mobility Calling Search Space	< None >
	AAR Calling Search Space	< None >
	AAR Group	< None >
	Calling Party Transformation CSS	< None >
	Called Party Transformation CSS	< None >
	Geo Location Configuration	
	Geo Location	< None >
	Geo Location Filter	< None >
	Incoming Calling Party Settings	
	National Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >

Device Pool		
Name	**Device Pool Configuration**	
	International Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	Unknown Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	Subscriber Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	Incoming Called Party Settings	
	National Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	International Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	Unknown Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	Subscriber Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	Caller ID For Calls From This Phone	
	Calling Party Transformation CSS	< None >
	Connected Party Settings	
	Connected Party Transformation CSS	< None >
	Redirecting Party Settings	
	Redirecting Party Transformation CSS	< None >
DP_LoggedOut	**Device Pool Settings**	
	CUCM Group	CMG_Subs
	Calling Search Space for Auto-registration	CSS_Autoreg
	Adjunct CSS	CSS_1
	Reverted Call Focus Priority	Default
	Intercompany Media Services Enrolled Group	< None >
	Roaming Sensitive Settings	
	Date/Time Group	CMLocal
	Region	G711
	Media Resource Group List	< None >
	Location	< None >
	Network Locale	< None >
	SRST Reference	Disable
	Connection Monitor Duration	
	Single Button Barge	Default
	Join Across Lines	Default
	Physical Location	< None >
	Device Mobility Group	< None >
	Wireless LAN Profile Group	< None >
	Emergency Location(ELIN) Group	< None >
	Local Route Group Settings	
	Standard Local Route Group	< None >
	Test Route Group For Testing	< None >
	Device Mobility Related Information	
	Device Mobility Calling Search Space	< None >
	AAR Calling Search Space	< None >
	AAR Group	< None >
	Calling Party Transformation CSS	< None >
	Called Party Transformation CSS	< None >
	Geo Location Configuration	
	Geo Location	< None >
	Geo Location Filter	< None >
	Incoming Calling Party Settings	
	National Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	International Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	Unknown Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >

Device Pool		
Name	**Device Pool Configuration**	
	Subscriber Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	Incoming Called Party Settings	
	National Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	International Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	Unknown Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	Subscriber Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	Caller ID For Calls From This Phone	
	Calling Party Transformation CSS	< None >
	Connected Party Settings	
	Connected Party Transformation CSS	< None >
	Redirecting Party Settings	
	Redirecting Party Transformation CSS	< None >
DP_MK_Test_Cloned	**Device Pool Settings**	
	CUCM Group	Default
	Calling Search Space for Auto-registration	CSS_Autoreg
	Adjunct CSS	CSS_1
	Reverted Call Focus Priority	Highest
	Intercompany Media Services Enrolled Group	< None >
	Roaming Sensitive Settings	
	Date/Time Group	CMLocal
	Region	G711
	Media Resource Group List	< None >
	Location	Hub_None
	Network Locale	Greece
	SRST Reference	Disable
	Connection Monitor Duration	
	Single Button Barge	Default
	Join Across Lines	Default
	Physical Location	Physical Location1
	Device Mobility Group	< None >
	Wireless LAN Profile Group	< None >
	Emergency Location(ELIN) Group	< None >
	Local Route Group Settings	
	Standard Local Route Group	< None >
	Test Route Group For Testing	< None >
	Device Mobility Related Information	
	Device Mobility Calling Search Space	CSS_1
	AAR Calling Search Space	CSS_2
	AAR Group	< None >
	Calling Party Transformation CSS	CSS_MK-Test
	Called Party Transformation CSS	CSS_Perth_Local
	Geo Location Configuration	
	Geo Location	< None >
	Geo Location Filter	< None >
	Incoming Calling Party Settings	
	National Number (Prefix/Strip Digits/CSS)	111 / 0 / CSS_1
	International Number (Prefix/Strip Digits/CSS)	112 / 0 / CSS_2
	Unknown Number (Prefix/Strip Digits/CSS)	113 / 0 / CSS_3
	Subscriber Number (Prefix/Strip Digits/CSS)	Default / 0 / CSS_Perth
	Incoming Called Party Settings	

Device Pool		
Name	**Device Pool Configuration**	
	National Number (Prefix/Strip Digits/CSS)	21 / 1 / CSS_1
	International Number (Prefix/Strip Digits/CSS)	22 / 2 / CSS_2
	Unknown Number (Prefix/Strip Digits/CSS)	23 / 3 / CSS_3
	Subscriber Number (Prefix/Strip Digits/CSS)	24 / 4 / CSS_Brisbane
	Caller ID For Calls From This Phone	
	Calling Party Transformation CSS	CSS_Sydney
	Connected Party Settings	
	Connected Party Transformation CSS	CSS_Perth
	Redirecting Party Settings	
	Redirecting Party Transformation CSS	CSS_2
DP_Perth	**Device Pool Settings**	
	CUCM Group	CMG_Subs
	Calling Search Space for Auto-registration	CSS_Autoreg
	Adjunct CSS	CSS_1
	Reverted Call Focus Priority	Default
	Intercompany Media Services Enrolled Group	< None >
	Roaming Sensitive Settings	
	Date/Time Group	CMLocal
	Region	G711
	Media Resource Group List	< None >
	Location	< None >
	Network Locale	< None >
	SRST Reference	Disable
	Connection Monitor Duration	
	Single Button Barge	Default
	Join Across Lines	Default
	Physical Location	< None >
	Device Mobility Group	< None >
	Wireless LAN Profile Group	< None >
	Emergency Location(ELIN) Group	< None >
	Local Route Group Settings	
	Standard Local Route Group	< None >
	Test Route Group For Testing	< None >
	Device Mobility Related Information	
	Device Mobility Calling Search Space	< None >
	AAR Calling Search Space	< None >
	AAR Group	< None >
	Calling Party Transformation CSS	< None >
	Called Party Transformation CSS	< None >
	Geo Location Configuration	
	Geo Location	< None >
	Geo Location Filter	< None >
	Incoming Calling Party Settings	
	National Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	International Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	Unknown Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	Subscriber Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	Incoming Called Party Settings	
	National Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	International Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >

Device Pool		
Name	**Device Pool Configuration**	
	Unknown Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	Subscriber Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	Caller ID For Calls From This Phone	
	Calling Party Transformation CSS	< None >
	Connected Party Settings	
	Connected Party Transformation CSS	< None >
	Redirecting Party Settings	
	Redirecting Party Transformation CSS	< None >
DP_Sydney	**Device Pool Settings**	
	CUCM Group	CMG_Subs
	Calling Search Space for Auto-registration	CSS_Autoreg
	Adjunct CSS	CSS_1
	Reverted Call Focus Priority	Default
	Intercompany Media Services Enrolled Group	< None >
	Roaming Sensitive Settings	
	Date/Time Group	CMLocal
	Region	G711
	Media Resource Group List	< None >
	Location	< None >
	Network Locale	< None >
	SRST Reference	Disable
	Connection Monitor Duration	
	Single Button Barge	Default
	Join Across Lines	Default
	Physical Location	< None >
	Device Mobility Group	< None >
	Wireless LAN Profile Group	< None >
	Emergency Location(ELIN) Group	< None >
	Local Route Group Settings	
	Standard Local Route Group	< None >
	Test Route Group For Testing	< None >
	Device Mobility Related Information	
	Device Mobility Calling Search Space	< None >
	AAR Calling Search Space	< None >
	AAR Group	< None >
	Calling Party Transformation CSS	< None >
	Called Party Transformation CSS	< None >
	Geo Location Configuration	
	Geo Location	< None >
	Geo Location Filter	< None >
	Incoming Calling Party Settings	
	National Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	International Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	Unknown Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	Subscriber Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	Incoming Called Party Settings	
	National Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	International Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	Unknown Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	Subscriber Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >

Device Pool		
Name	**Device Pool Configuration**	
	Caller ID For Calls From This Phone	
	Calling Party Transformation CSS	< None >
	Connected Party Settings	
	Connected Party Transformation CSS	< None >
	Redirecting Party Settings	
	Redirecting Party Transformation CSS	< None >
DP_Test	**Device Pool Settings**	
	CUCM Group	CMG_Subs
	Calling Search Space for Auto-registration	CSS_Autoreg
	Adjunct CSS	CSS_1
	Reverted Call Focus Priority	Highest
	Intercompany Media Services Enrolled Group	< None >
	Roaming Sensitive Settings	
	Date/Time Group	CMLocal
	Region	G711
	Media Resource Group List	MRGL1
	Location	Phantom
	Network Locale	Denmark
	SRST Reference	Disable
	Connection Monitor Duration	
	Single Button Barge	Barge
	Join Across Lines	Default
	Physical Location	LocalArea
	Device Mobility Group	Device Mobility Group
	Wireless LAN Profile Group	WifiLANProfGroup01
	Emergency Location(ELIN) Group	< None >
	Local Route Group Settings	
	Standard Local Route Group	RouteGroupTest
	Test Route Group For Testing	RouteGroupTest
	Device Mobility Related Information	
	Device Mobility Calling Search Space	CSS_1
	AAR Calling Search Space	CSS_2
	AAR Group	< None >
	Calling Party Transformation CSS	CSS_Brisbane
	Called Party Transformation CSS	CSS_Brisbane_Local
	Geo Location Configuration	
	Geo Location	Local Town
	Geo Location Filter	Country
	Incoming Calling Party Settings	
	National Number (Prefix/Strip Digits/CSS)	111 / 0 / CSS_1
	International Number (Prefix/Strip Digits/CSS)	112 / 0 / CSS_2
	Unknown Number (Prefix/Strip Digits/CSS)	113 / 0 / CSS_3
	Subscriber Number (Prefix/Strip Digits/CSS)	114 / 0 / CSS_Brisbane
	Incoming Called Party Settings	
	National Number (Prefix/Strip Digits/CSS)	21 / 1 / CSS_1
	International Number (Prefix/Strip Digits/CSS)	22 / 2 / CSS_2
	Unknown Number (Prefix/Strip Digits/CSS)	23 / 3 / CSS_3
	Subscriber Number (Prefix/Strip Digits/CSS)	24 / 4 / CSS_Brisbane
	Caller ID For Calls From This Phone	
	Calling Party Transformation CSS	CSS_MK-Test

Device Pool		
Name	**Device Pool Configuration**	
	Connected Party Settings	
	Connected Party Transformation CSS	CSS_MK-Test
	Redirecting Party Settings	
	Redirecting Party Transformation CSS	CSS_Perth
Default	**Device Pool Settings**	
	CUCM Group	Default
	Calling Search Space for Auto-registration	< None >
	Adjunct CSS	< None >
	Reverted Call Focus Priority	Default
	Intercompany Media Services Enrolled Group	< None >
	Roaming Sensitive Settings	
	Date/Time Group	CMLocal
	Region	Default
	Media Resource Group List	< None >
	Location	< None >
	Network Locale	< None >
	SRST Reference	Disable
	Connection Monitor Duration	
	Single Button Barge	Default
	Join Across Lines	Default
	Physical Location	< None >
	Device Mobility Group	< None >
	Wireless LAN Profile Group	< None >
	Emergency Location(ELIN) Group	< None >
	Local Route Group Settings	
	Standard Local Route Group	< None >
	Test Route Group For Testing	< None >
	Device Mobility Related Information	
	Device Mobility Calling Search Space	< None >
	AAR Calling Search Space	< None >
	AAR Group	< None >
	Calling Party Transformation CSS	< None >
	Called Party Transformation CSS	< None >
	Geo Location Configuration	
	Geo Location	< None >
	Geo Location Filter	< None >
	Incoming Calling Party Settings	
	National Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	International Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	Unknown Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	Subscriber Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	Incoming Called Party Settings	
	National Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	International Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	Unknown Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	Subscriber Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	Caller ID For Calls From This Phone	
	Calling Party Transformation CSS	< None >
	Connected Party Settings	
	Connected Party Transformation CSS	< None >

Device Pool		
Name	**Device Pool Configuration**	
	Redirecting Party Settings	
	Redirecting Party Transformation CSS	< None >
INFORMACAST_DP	**Device Pool Settings**	
	CUCM Group	CMG_Subs
	Calling Search Space for Auto-registration	CSS_Autoreg
	Adjunct CSS	CSS_1
	Reverted Call Focus Priority	Default
	Intercompany Media Services Enrolled Group	< None >
	Roaming Sensitive Settings	
	Date/Time Group	CMLocal
	Region	INFORMACAST_REGION
	Media Resource Group List	< None >
	Location	< None >
	Network Locale	< None >
	SRST Reference	Disable
	Connection Monitor Duration	
	Single Button Barge	Default
	Join Across Lines	Default
	Physical Location	< None >
	Device Mobility Group	< None >
	Wireless LAN Profile Group	< None >
	Emergency Location(ELIN) Group	< None >
	Local Route Group Settings	
	Standard Local Route Group	< None >
	Test Route Group For Testing	< None >
	Device Mobility Related Information	
	Device Mobility Calling Search Space	< None >
	AAR Calling Search Space	< None >
	AAR Group	< None >
	Calling Party Transformation CSS	< None >
	Called Party Transformation CSS	< None >
	Geo Location Configuration	
	Geo Location	< None >
	Geo Location Filter	< None >
	Incoming Calling Party Settings	
	National Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	International Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	Unknown Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	Subscriber Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	Incoming Called Party Settings	
	National Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	International Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	Unknown Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	Subscriber Number (Prefix/Strip Digits/CSS)	Default / 0 / < None >
	Caller ID For Calls From This Phone	
	Calling Party Transformation CSS	< None >
	Connected Party Settings	
	Connected Party Transformation CSS	< None >
	Redirecting Party Settings	
	Redirecting Party Transformation CSS	< None >

2.11 Device Mobility

The Device Mobility feature dynamically changes important location settings, such as calling search space, region, date/time group, and SRST reference, for roaming devices. Cisco Unified Communications Manager uses device pool settings to implement new parameters when the phone roams away from its home location. Administrators no longer need to reconfigure location settings when a phone changes location.

The dynamically reconfigured location settings ensure that voice quality and allocation of resources are appropriate for the new phone location:

- When a mobile user moves to another location, call admission control (CAC) can ensure video and audio quality with the appropriate bandwidth allocations.
- When a mobile user makes a PSTN call, the phone can access the local gateway instead of the home gateway.
- When a mobile user calls the home location, Cisco Unified Communications Manager can assign the appropriate codec for the region.

2.11.1 Device Mobility Group

Device mobility groups support the device mobility feature. Device mobility groups represent the highest level geographic entities in your network. Depending upon the network size and scope, your device mobility groups could represent countries, regions, states or provinces, cities, or other entities. For example, an enterprise with a worldwide network might choose device mobility groups that represent individual countries, whereas an enterprise with a national or regional network might define device mobility groups that represent states, provinces, or cities.

Device Mobility Group	
Name	**Description**
Device Mobility Group	Test Device Mobility Group

2.11.2 Device Mobility Info

The Device Mobility Info window specifies the subnets and device pools that are used for device mobility. When a phone registers with Cisco Unified Communications Manager, the system compares the IP address of the device to device mobility subnets that are specified in the Device Mobility Info window and associated with one of the device pools.

The matching subnet becomes the device's home subnet for the purpose of device mobility.

Device Mobility Info			
Name	**IPv4 Subnet/Mask**	**IPv6 Subnet/Mask**	**Selected Device Pools**
DeviceMobility Info test	10.5.1.0/24	/0	Default DP_2 DP_Test DP_Brisbane DP_LoggedOut DP_3 INFORMACAST_DP DP_G711 DP_Perth DP_AutoReg DP_1 DP_Sydney

2.12 DHCP

Dynamic Host Configuration Protocol (DHCP) server enables Cisco Unified IP Phones, connected to either the customer's data or voice Ethernet network, to dynamically obtain their IP addresses and configuration information. DHCP uses Domain Name System (DNS) to resolve host names both within and outside the cluster.

This section contains:

- DHCP Server
- DHCP Subnet

2.12.1 DHCP Server

The following Dynamic Host Configuration Protocol (DHCP) servers are configured:

DHCP Server	
Host Server	**Info**
10.5.1.120	

DHCP Server Information	
Primary DNS IPv4 Address	194.158.74.1
Secondary DNS IPv4 Address	194.158.74.2
Primary TFTP Server IPv4 Address(Option 150)	10.5.1.120
Secondary TFTP Server IPv4 Address(Option 150)	
Bootstrap Server IPv4 Address	
Domain Name	
TFTP Server Name(Option 66)	
ARP Cache Timeout(sec)	0
IP Address Lease Time(sec)	0
Renewal(T1) Time(sec)	0
Rebinding(T2) Time(sec)	0

2.12.2 DHCP Subnet

The following Dynamic Host Configuration Protocol (DHCP) subnets are configured:

DHCP Subnet		
Subnet	**DHCP Server**	**Info**
10.5.1.110	10.5.1.120	

DHCP Subnet Information	
Subnet IPv4 Address	10.5.1.110
Primary Start IPv4 Address	10.5.1.60
Primary End IPv4 Address	10.5.1.250
Secondary Start IPv4 Address	
Secondary End IPv4 Address	
Primary Router IPv4 Address	
Secondary Router IPv4 Address	
IPv4 Subnet Mask	255.255.255.0
Domain Name	uplinx.com
Primary DNS IPv4 Address	
Secondary DNS IPv4 Address	
TFTP Server Name(Option 66)	10.5.1.120
Primary TFTP Server IPv4 Address(Option 150)	
Secondary TFTP Server IPv4 Address(Option 150)	
Bootstrap Server IPv4 Address	
ARP Cache Timeout(sec)	0
IP Address Lease Time(sec)	0
Renewal(T1) Time(sec)	0
Rebinding(T2) Time(sec)	0

2.13 LDAP

Directory configuration for synchronization and authentication includes 5 objects:

- LDAP System

- LDAP Directory
- LDAP Authentication
- LDAP Custom Filter (CUCM 8.0 and later)
- LDAP Search (CUCM 11.5 and later)

The Cisco DirSync service ensures that the Cisco Unified Communications Manager database stores all user information. If you use an integrated corporate directory, for example Microsoft Active Directory or Netscape/iPlanet Directory, with Cisco Unified Communications Manager, the Cisco DirSync service migrates the user data to the Cisco Unified Communications Manager database. The Cisco DirSync service does not synchronize the passwords from the corporate directory.

LDAP authentication can be only used if synchronization with the customer LDAP directory is enabled and will then forward authentication requests to the LDAP. Passwords are never synced to the local database.

2.13.1 LDAP System

The LDAP system object allows to enable LDAP synchronization and to set up the LDAP server type and the LDAP attribute name for the user ID.

LDAP System	
Name	**Value**
Enable Synchronizing from LDAP Server	Y
LDAP Server Type	Microsoft Active Directory
LDAP Attribute for User ID	sAMAccountName

2.13.2 LDAP Directory

Synchronization of Cisco Unified Communications Manager (CUCM) with a corporate LDAP directory allows reuse of user data stored in the LDAP directory and allows the corporate LDAP directory to serve as the central repository for that information. Cisco Unified Communications Manager (CUCM) has an integrated database for storing user data and a web interface within Cisco Unified Communications Manager (CUCM) Administration for creating and managing user data in that database. When synchronization is enabled, that local database is still used, but the Cisco Unified Communications Manager (CUCM) facility to create user accounts becomes disabled. Management of user accounts is then accomplished through the interface of the LDAP directory.

The user account information is imported from the LDAP directory into the database located on the Cisco Unified Communications Manager (CUCM) publisher server. Information that is imported from the LDAP directory may not be changed by Cisco Unified Communications Manager (CUCM). Additional user information specific to the Cisco Unified Communications Manager (CUCM) implementation is managed by Cisco Unified Communications Manager (CUCM) and stored only within its local database. For example, device-to-user associations, speed dials, and user PINs are data that are managed by Cisco Unified Communications Manager (CUCM), and they do not exist in the corporate LDAP directory. The user data is then propagated from the Cisco Unified Communications Manager (CUCM) publisher server to the subscribers via the built-in database synchronization.

You can make changes to LDAP Directory information and LDAP Authentication settings only if synchronization from the customer LDAP directory is enabled in the Cisco Unified Communications Manager Administration LDAP System.

LDAP Directory		
Name	**Info**	
LDAP2013	**LDAP Directory Information**	
	LDAP Manager Distinguished Name	CN=Administrator,CN=Users,DC=lab,DC=test
	LDAP User Search Base	DC=lab,DC=test
	LDAP Custom Filter for Users	< None >

LDAP Directory	
Name	**Info**

Synchronize	Users Only
LDAP Custom Filter for Groups	< None >
LDAP Directory Synchronization Schedule	
Perform Sync Just Once	N
Perform a Re-sync Every	6 HOUR
Next Re-sync Time (YYYY-MM-DD hh:mm)	2019-10-03 04:00
Standard User Fields To Be Synchronized	
User Fields	

CUCM User Fields	LDAP Attribute
UserId	sAMAccountName
FirstName	givenName
MiddleName	middleName
LastName	sn
Manager	manager
Department	department
TelephoneNumber	telephoneNumber
Mailid	mail
Title	title
HomePhone	homephone
Mobile	mobile
Pager	pager
DirectoryURI	msRTCSIP-primaryuseraddress
DisplayName	displayName

Custom User Fields To Be Synchronized	
User Fields	< No records found >
Group Information	
Access Control Groups	
Feature Group Template	
Apply Mask	N
Mask	< None >
Assign New Line	N
Pool list Values	< No records found >
LDAP Server Information	
Server Info	

Host Name/IP for Server	LDAP Port	Use TLS
10.5.1.166	389	N

2.13.3 LDAP Authentication

The LDAP authentication feature enables Cisco Unified Communications Manager (CUCM) to authenticate end user passwords against a corporate LDAP directory instead of using the embedded database. This authentication is accomplished with an LDAPv3 connection established between the IMS module within Cisco Unified Communications Manager (CUCM) and a corporate directory server.

You can make changes to LDAP Directory information and LDAP Authentication settings only if synchronization from the customer LDAP directory is enabled in the Cisco Unified Communications Manager Administration LDAP System.

The following statements describe Cisco Unified Communications Manager (CUCM)'s behavior when authentication is enabled:

- End user passwords are authenticated against the corporate directory.
- Application user passwords are authenticated against the Cisco Unified Communications Manager (CUCM) database.
- End user PINs are authenticated against the Cisco Unified Communications Manager (CUCM) database.

LDAP Authentication			
LDAP Authentication for End Users			
Use LDAP Authentication for End Users	Y		
LDAP Manager Distinguished Name	CN=Administrator,CN=Users,DC=lab,DC=test		
LDAP User Search Base	DC=lab,DC=test		
LDAP Server Information			
Server Info	Host Name or IP Address for Server	LDAP Port	Use TLS
	10.5.1.166	389	N

2.13.4 LDAP Custom Filter

The LDAP filter filters the results of LDAP searches when Cisco DirSync is in use. LDAP users that match the filter get imported into the Cisco Unified Communications Manager database, while LDAP users that do not match the filter do not get imported.

The filter must comply with the regular LDAP search filter standards specified in RFC 4515. Enclose the filter text within parentheses (). It is recommended to verify the LDAP search filter against the LDAP directory-searchbase by using the ldapsearch command.

You apply LDAP filters to LDAP directories. Before you can synchronize the LDAP directory, you must activate the Cisco DirSync service.

The following LDAP filters are defined:

LDAP Custom Filter	
Filter Name	**Filter**
TestFilter	(&(objectclass=user)(!(objectclass=Computer))(!(UserAccountControl:1.2.840.113556.1.4.803:=2)))

2.13.5 LDAP Search

LDAP Search allows the configuration of LDAP search filters for users and groups.

LDAP Search	
LDAP Search for enterprise users through UDS	
Enable user search to Enterprise Directory Server	N
LDAP Manager Distinguished Name	
LDAP User Search Base 1	
LDAP User Search Base 2	
LDAP User Search Base 3	
LDAP Custom Filter for Users	< None >
Recursive Search on All Search Bases	Y
UDS Tag to LDAP Attribute Mapping	
User Fields	< No records found >

UC Service Directory Information	
Primary Server	< None >
Secondary Server	< None >
Tertiary Server	< None >

2.14 SAML Single Sign-On

The single sign on feature allows end users to log into a Windows client machine on a Windows domain, and to then use certain Cisco Unified Communications Manager applications without having to sign on again.

SAML Single Sign-On		
Name	SSO Status	Description
10.5.1.120	Disable	
10.5.1.122	Disable	

2.15 Cross-Origin Resource Sharing (CORS)

Cross-Origin Resource Sharing (CORS) is a mechanism to allow code running in a browser (JavaScript for example) to make requests to a domain other than the one from where it originated.

The following CORS domains are configured:

Cross-Origin Resource Sharing (CORS)		
Domain	Description	Type
https://domain1.lab.test	Desc https://domain1.lab.test	Read-Only
https://domain2.lab.test	Desc https://domain2.lab.test	Full-Access

2.16 Location Information

Enhanced Location Call Admission Control (CAC) is a model-based CAC mechanism. The administrator creates a model of the network and how the network infrastructure handles the media. Through the Cisco Unified Communications Manager interface the administrator configures the Enhanced Location CAC mechanism based on the network model.

The following chapters describe the items in the Cisco Unified Communications Manager Administration 'Location Information' menu:

- Location
- Location Bandwidth Manager Group
- Location Bandwidth Manager Hub Group

2.16.1 Location

Locations are used to implement call admission control in a centralized call-processing system. Call admission control enables you to regulate audio quality and video availability by limiting the amount of bandwidth that is available for audio and video calls over links between the locations.

If you do not use call admission control to limit the audio and video bandwidth on an IP WAN link, an unlimited number of calls can be active on that link at the same time. This situation can cause the audio quality of each audio call and the video quality of each video call to degrade as the link becomes oversubscribed.

In a centralized call-processing system, a single Cisco Unified Communications Manager (CUCM) cluster provides call processing for all locations on the IP telephony network. The Cisco Unified Communications Manager (CUCM) cluster usually resides at the main (or central) location, along with other devices such as phones and gateways. The remote locations contain additional devices, but no Cisco Unified Communications Manager (CUCM). IP WAN links connect the remote locations to the main location.

Location

Name	Bandwidth Between Adjacent Locations	Audio Bandwidth [kbps]	Video Bandwidth [kbps]	Immersive Video Bandwidth [kbps]	Location RSVP Settings
Hub_None (S)	< No records found >	Unlimited	128	Unlimited	Location: Hub_None — RSVP Setting: No Reservation Location: Phantom — RSVP Setting: No Reservation Location: NOTE: Location(s) not displayed — RSVP Setting: Use System Default
Phantom (S)	< No records found >	Unlimited	Unlimited	Unlimited	Location: Phantom — RSVP Setting: No Reservation Location: Hub_None — RSVP Setting: No Reservation Location: NOTE: Location(s) not displayed — RSVP Setting: Use System Default
Shadow (S)	< No records found >	Unlimited	Unlimited	Unlimited	Location: Phantom — RSVP Setting: No Reservation Location: Hub_None — RSVP Setting: No Reservation Location: NOTE: Location(s) not displayed — RSVP Setting: Use System Default

2.16.2 Location Bandwidth Manager Group

The Location Bandwidth Manager Groups set the Location Bandwidth Manager (LBM) services that each Cisco Callmanager service communicates with.

Each Cisco Callmanager service must communicate with an LBM service to determine the availability of bandwidth for each call, and to deduct bandwidth for the duration of each call that is admitted.

The LBM Group Page allows the Cisco Callmanger service to communicate with selected LBM services, instead of communicating with the local LBM service.

Location Bandwidth Manager Group			
Name	Description	Active Member	Standby Member
BandwidthmanagergroupTest	just a test bmg	10.5.1.120	

2.16.3 Location Bandwidth Manager Intercluster Replication Group

Location Bandwidth Manager Hub Group configuration enables an LBM service to participate directly in inter-cluster replication of configured and dynamic Location Bandwidth data. LBMs assigned an LBM Hub Group discover each other through their common connections and form a fully-meshed replication network. Other LBM services in a cluster with an LBM Hub participate indirectly in inter-cluster replication through the LBM Hubs in their cluster.

Use the LBM Hub Group Page to configure the LBM Hub service to find a location in the remote clusters to establish external communication

Location Bandwidth Manager Intercluster Replication Group					
Name	Description	Server 1	Server 2	Server 3	LBM Services Assigned to Hub Role
LBMInterclusterReplicGroupConfig01	LBM Intercluster Replication Group test	10.5.255.254			10.5.1.120(hub, active) (LBMInterclusterReplicGroupConfig01)

2.17 Physical Location

Physical locations support the Device Mobility feature. Physical locations provide a means of distinguishing the parameters that relate to a specific geographical location from other parameters.

For example, a media resources server may serve a specific office or campus within the enterprise. When a device roams to another office or campus and reregisters with Cisco Unified Communications Manager, you want to have the media resources server at the roaming location serve the device. By defining the physical location according to availability of media services, you can assure efficient and cost-effective reassignment of services as devices move from one physical location to another. Depending upon the network structure and allocation of services, you may define physical locations based upon a city, enterprise campus, or building.

Physical Location	
Name	**Description**
LocalArea	
Australia	
Physical Location1	Test Location

2.18 SRST

A survivable remote site telephony (SRST) reference comprises the gateway that can provide limited Cisco Unified Communications Manager (CUCM) functionality when all other Cisco Unified Communications Manager (CUCM) servers for a device are unreachable.

Typically assigned to device pools, SRST references determine the gateways where calling devices search when they attempt to complete a call if Cisco Unified Communications Manager (CUCM) is unavailable.

SRST						
Name	**Port**	**IP Address**	**SIP Network/IP Address**	**SIP Port**	**SRST Certificate Provider Port**	**SRST is Secure**
Disable	2000			5060	2445	N
Use Default Gateway	2000			5060	2445	N

2.19 MLPP

The Multilevel Precedence and Preemption (MLPP) service allows properly validated users to place priority calls. If necessary, users can preempt lower priority phone calls.

Precedence designates the priority level that is associated with a call. Preemption designates the process of terminating lower precedence calls that are currently using the target device, so a call of higher precedence can be extended to or through the device.

An authenticated user can preempt calls either to targeted stations or through fully subscribed time-division-multiplexing (TDM) trunks. This capability assures high-ranking personnel of communication to critical organizations and personnel during network stress situations, such as a national emergency or degraded network situations.

This chapter covers the following topics:

- MLPP Domain
- Resource Priority Namespace Network Domains
- Resource Priority Namespace Lists

2.19.1 MLPP Domain

An MLPP domain specifies the collection of devices and resources that are associated with an MLPP subscriber. When an MLPP subscriber that belongs to a particular domain places a precedence call to another MLPP subscriber that belongs to the same domain, MLPP service can

preempt the existing call that the called MLPP subscriber is on for a higher precedence call. MLPP service availability does not go across different domains.

MLPP Domain	
Domain Name	**Domain ID**
000000	000000

2.19.2 Resource Priority Namespace Network Domain

Cisco Unified Communications Manager uses Resource Priority Namespace Network Domains to support Voice over Secured IP (VoSIP) networks by using Multilevel Precedence and Preemption (MLPP) for Session Initiation Protocol (SIP) trunks.

MLPP, with configured Resource Priority domains, prioritizes SIP-signaled resources and enables indications related to precedence and preempted calls. End users can establish secure calls when the calls traverse SIP trunks.

Resource Priority Namespace Network Domain		
Name	**Description**	**Default**
RPNNDITest		Y

2.19.3 Resource Priority Namespace List

Cisco Unified Communications Manager uses Resource Priority Namespace Lists to configure a default group of Resource Priority Namespace Network Domains to add to a SIP profile for validating incoming Resource Priority Namespace Network Domains.

Resource Priority Namespace List		
Name	**Description**	**Selected Resource Priority Namespaces**
RPNList01	List of Resource Priority Namespaces	RPNNDITest

2.20 Enterprise Parameters

Enterprise parameters provide default settings that apply to all devices and services in the same cluster. (A cluster comprises a set of Cisco Unified Communications Managers that share the same database.) When you install a new Cisco Unified Communications Manager, it uses the enterprise parameters to set the initial values of its device defaults.

You cannot add or delete enterprise parameters, but you can update existing enterprise parameters.

Please note that not all parameters are listed as not all parameters can be retrieved.

Enterprise Parameters	
Parameter	**Value**
MaxUsers	160000
ClusterID	StandAloneCluster
MaxNumberDeviceLevelTrace	12
EnableTraceCompression	0
DSCPForSCCPPhoneServices	0
DSCPForSCCPPhoneConfig	96
DSCPForCm2Dvce	96
ConnectionMonitorDuration	120
AutoRegistrationPhoneProtocol	0
AutoRegistrationLegacyMode	F
PhoneTemplateSelection	1
BLFForCallLists	0

Enterprise Parameters	
Parameter	**Value**
AdvertiseG722Codec	1
PhonePersonalization	0
PhoneServiceDisplay	0
FeatureControlPolicy	
WifiHotspotProfile	
IMSInterOperatorId	IMS Inter Operator Identification
URILookupPolicy	0
CCMAdminMaxItemsInList	250
CCMAdminMaxItemsInLookup	1000
CCMAdminEnableDependencyRecords	T
AutoSelectDNOnAnyPartition	0
CCMUserOptionsPortalDefaultServer	
CCMUserShowSpeedDialSettings	T
CCMUserShowIPPhoneServicesSettings	T
CCMUserShowRingSettings	F
CCMUserShowMessageWaitingLampPolicy	T
CCMUserShowHistorySettings	T
CCMUserShowPersonalAddressBook	T
CCMUserShowLineTextSettings	F
CCMUserShowOnlineGuide	T
CCMUserShowMobilityFeatures	T
CCMUserShowDirectory	T
CCMUserShowCalendarPreference	T
CCMUserShowPhoneLocale	T
CCMUserShowChangePassword	T
CCMUserShowChangePin	T
CCMUserShowCallForward	1
CCMUserShowVoicemailIVROption	T
CCMUserShowConferencingScheduler	T
CCMUserShowVideoConferencingScheduler	1
CCMUserShowDownload	T
CCMUserDisplayName	T
CCMUserShowPhonesReadyToActivate	T
EndUserDirectoryURIPartitionAlias	
CDRFlatFileInterval	1
DefaultNetworkLocale	64
DefaultUserLocale	1
MLPPDomainIdentifier	c80cafe0-af65-43d6-a1f1-225ad998bd26
MLPPIndicationStatus	Off
MLPPPreemptionSetting	Disabled
PrecedenceAlternatePartyTimeout	30
UseStandardVMHandlingForPrecedenceCalls	F
ConfidentialAccessLevelPolicy	F
ConfidentialAccessLevelEnforcementLevel	0
ConfidentialAccessLevelValueForWarning	0
ConfidentialAccessLevelWarningMessageText	
ConfidentialAccessLevelFailureMessageText	CAL MISMATCH
ClusterSecurityMode	0

Enterprise Parameters	
Parameter	**Value**
ClusterSIPOAuthMode	0
LBMSecurityMode	0
CAPFPhonePort	3804
CAPFOperationDuration	10
EndpointEncryptionAlgorithms	0
TFTPFileSignatureAlgorithm	1
CacheControl	T
AuthMethodForBrowserAccess	1
TLSCipherPreference	1
SRTPCipherSelection	0
HTTPSCipherSelection	1
TrustedServers	
TerminateUserSession	1
CertificateValidityCheck	0
CertificateValidityCheckFrequency	24
RollBackToPreGrayback	F
URLAuthentication	http://10.5.1.120:8080/ccmcip/authenticate.jsp
URLDirectories	http://10.5.1.120:8080/ccmcip/xmldirectory.jsp
URLIdle	
URLIdleTime	
URLInformation	http://10.5.1.120:8080/ccmcip/GetTelecasterHelpText.jsp
URLMessages	
URLProxy	
URLServices	http://10.5.1.120:8080/ccmcip/getservicesmenu.jsp
SecureAuthenticationURL	
SecureDirectoryURL	https://10.5.1.120:8443/ccmcip/xmldirectory.jsp
SecureUDSUsersAccessURL	https://10.5.1.120:8443/cucm-uds/users
SecureIdleURL	
SecureInformationURL	https://10.5.1.120:8443/ccmcip/GetTelecasterHelpText.jsp
SecureMessagesURL	
SecureServicesURL	https://10.5.1.120:8443/ccmcip/getservicesmenu.jsp
EnableAllUserSearch	T
UserSearchLimit	64
NumberofDigitstoMatch	4
CCMPDSessionTimeout	86400
AllowedPerfmonQueriesPerMinute	50
AllowedRisQueriesPerMinute	15
PerfmonQueueLimit	100
MaximumPerfmonCountersPerSession	100
AllowedCdrGetFileQueriesPerMinute	10
AllowedCdrGetFileListQueriesPerMinute	20
FileCloseThreadFlag	T
FileCloseThreadQueueWatermark	100
restrictOnUserGroupOverlap	1
restrictNonSuperUser	T
userAssignmentMode	0
directoryGroupOperationsOnCiscoIMandPresence	0

Enterprise Parameters	
Parameter	**Value**
groupSizeToLimitPresencePacketsForEnterpriseGroups	100
syncingModeForEnterpriseGroups	1
ServerPortNumber	8888
ClientPortNumber	8889
AAInstalledFlag	F
IAQInstalledFlag	F
OrganizationDomain	
ClusterName	
DoSProtectionFlag	T
TLSHandshakeTimer	60
TLSResumptionTimer	3600
UnsupportedPickup	
UserMustChangeCredentialBehavior	
EnableIPV6	F
IPAddressingModePrefMedia	0
IPAddressingModePrefControl	0
AllowAutoConfigurationForPhones	1
AllowDuplicateAddressDetection	1
AcceptRedirectMessages	0
ReplyMulticastEchoRequest	0
RemoteSyslogServerName	
RemoteSyslogServerName2	
RemoteSyslogServerName3	
RemoteSyslogServerName4	
RemoteSyslogServerName5	
RemoteSyslogSeverity	3
GRTSocketConnectTimeout	10
GRTSocketReadTimeout	60
isLogicalPartitioningEnabled	F
isCustomLogicalPartitioningApplied	F
defaultGeolocation	Unspecified--
logicalPartitioningDefaultPolicy	2
logicalPartitioningDefaultFilter	
EnableMgcpTraceLog	0
EnableCallTraceLog	1
MaxCallTraceLogFiles	2000
CallTraceLogFileSize	2
neverStartCallWithVideo	F
DSCPValue	None
RoutePlanReportMaxIndex	1500000
oauthTokenExpiryTimer	60
refreshTokenExpiryTimer	60
thirdpartyclient_redirecturi	
SSOLoginBehaviorForIos	0
oAuthWithRefreshLoginFlow	0
UseSSOforRTMT	1
EnableDirectoryPartitionSearch	0
EnableUserSearchWithCustomer	1

Enterprise Parameters	
Parameter	**Value**
MaxServers	30
MaxPhones	80000

2.21 Enterprise Phone Configuration

The Enterprise Phone Configuration defines parameters that will apply to all phones that support these parameters.

Parameters that you set in this window may also appear in the Common Phone profile window and the Device Configuration window for various devices. If you set these same parameters in these other windows too, the setting that takes precedence is determined in the following order: 1) Device Configuration window settings, 2) Common Phone Profile window settings, 3) Enterprise Phone Configuration window settings.

If the "Override Common Settings" box is not checked for a given setting, the corresponding parameter setting does not take effect.

The following Enterprise Phone Configurations are configured:

Enterprise Phone Configuration		
Parameter Name	**Parameter Value**	**Override Common Settings**
Disable USB	Disabled	N
Back USB Port	Enabled	N
Side USB Port	Enabled	N
Enable/Disable USB Classes	Audio Class	N
SDIO	Disabled	N
Bluetooth	Enabled	N
Bluetooth Profiles	Handsfree	N
Allow Bluetooth Contacts Import	Enabled	N
Allow Bluetooth Mobile Handsfree Mode	Enabled	N
Cisco Camera	Disabled	N
Console Access	Disabled	N
Enable Power Save Plus		N
Enable Audible Alert	Disabled	N
Allow EnergyWise Overrides	Disabled	N
EnergyWise Domain	1	N
Phone On Time	00:00	N
Phone Off Time	24:00	N
Phone Off Idle Timeout	60	N
Days Display Not Active	Sunday	N
Display On Time	07:30	N
Display On Duration	10:30	N
Display Idle Timeout	01:00	N
Display On When Incoming Call	Enabled	N
Incoming Call Toast Timer	5	N
Enable Mute Feature	Disabled	N
Join And Direct Transfer Policy	Same line, accross line enabled	N
Medianet Statistics Interval	15	N
RTCP	Disabled	N
Enable Wideband Codecs	Use System Default	N
Video Calling	Enabled	N

Enterprise Phone Configuration		
Parameter Name	**Parameter Value**	**Override Common Settings**
Wi-Fi	Enabled	N
Wi-Fi Hotspot	Disabled	N
PC Port	Enabled	N
Span to PC Port	Disabled	N
PC Voice VLAN Access	Enabled	N
PC Port Remote Configuration	Disabled	N
Switch Port Remote Configuration	Disabled	N
Automatic Port Synchronization	Disabled	N
Cisco Discovery Protocol (CDP): Switch Port	Enabled	N
Cisco Discovery Protocol (CDP): PC Port	Enabled	N
Link Layer Discovery Protocol - Media Endpoint Discover (LLDP-MED): Switch Port	Enabled	N
Link Layer Discovery Protocol (LLDP): PC Port	Enabled	N
LLDP Asset ID		N
LLDP Power Priority	Unknown	N
Power Negotiation	Enabled	N
802.1x Authentication	User Controlled	N
FIPS Mode	Disabled	N
80-bit SRTCP	Disabled	N
Always On VPN	Disabled	N
Store VPN Password on Device	Disabled	N
Allow User-Defined VPN Profiles	Enabled	N
Require Screen Lock	PIN	N
Maximum Screen Lock Timeout	600	N
Enforce Screen Lock During Display-On Time	Enabled	N
Lock Device During Audio Call	Disabled	N
Kerberos Server		N
Kerberos Realm		N
TLS Resumption Timer	3600	N
User Credentials Persistent for Expressway Sign in	Disabled	N
Outbound Rollover	Disabled	N
Detect Unified CM Connection Failure	Normal	N
Time to Wait for Seamless Reconnect After TCP Drop or Roaming (seconds)	5	N
Load Server		N
IPv6 Load Server		N
Peer Firmware Sharing	Enabled	N
Log Server		N
HTTPS Server	http and https Enabled	
Web Access	Disabled	N
Settings Access	Enabled	N
Android Debug Bridge (ADB)	Disabled	N
Customer support upload URL		N
Allow Applications from Unknown Sources	Disabled	N
Allow Applications from Android Market	Disabled	N
Allow Applications from Cisco AppHQ	Disabled	N
AppHQ Domain		N
Enable Cisco UCM App Client	Disabled	N

Enterprise Phone Configuration		
Parameter Name	**Parameter Value**	**Override Common Settings**
Company Photo Directory		N
Voicemail Server (Primary)		N
Voicemail Server (Backup)		N
Presence and Chat Server (Primary)		N
Presence and Chat Server Type	Cisco WebEx Connect	N
Presence and Chat Single Sign-On (SSO) Domain		N
Device UI Profile	Simple	N
Multi-User	Disabled	N
Multi-User URL		N
Email address for customer support		N
PSTN Mode	Disabled	N
Revert to All Calls	Disabled	N
RTCP for Video	Enabled	N
Provide Dial Tone from Release Button	Disabled	N
Hide Video By Default	Disabled	N
VXC VPN Option	Dual Tunnel	N
VXC Challenge	Challenge	N
VXC-M Servers		N
Record Call Log from Shared Line	Disabled	N
Show Call History for Selected Line Only	Disabled	N
Actionable Incoming Call Alert	Disabled	N
DF bit	0	N
Separate Audio and Video Mute	Disabled	N
Softkey Control	Feature Control Policy	N
Start Video Port		N
Stop Video Port		N
Lowest Alerting Line State Priority	Disabled	N
One Column Display for KEM	Disabled	N
Customer Support Use		N
Energy Efficient Ethernet(EEE): PC Port	Disabled	N
Energy Efficient Ethernet(EEE): SW Port	Disabled	N
Interactive Connectivity Establishment (ICE)		
ICE	Enabled	N
Default Candidate Type	Host	N
Server Reflexive Address	Enabled	N
Primary TURN Server Host Name or IP Address		N
Secondary TURN Server Host Name or IP Address		N
TURN Server Transport Type	Auto	N
TURN Server Username		N
Instant Messaging		
File Types to Block in File Transfer		N
URLs to Block in File Transfer		N
Desktop Client Settings		
Automatically Start in Phone Control	Disabled	N
Automatically Control Tethered Desk Phone	Disabled	N
Extend and Connect Capability	Enabled	N
Display Contact Photos	Enabled	N

Enterprise Phone Configuration		
Parameter Name	**Parameter Value**	**Override Common Settings**
Number Lookups on Directory	Enabled	N
Jabber For Windows Software Update Server URL		N
Problem Report Server URL		N
Analytics Collection	Disabled	N
Analytics Server URL		N
Cisco Support Field		N
WLAN SCEP Server		N
WLAN Root CA Fingerprint (SHA256 or SHA1)		N
Alternate phone book server type	UDS	N
Alternate phone book server address		N
WLAN Authentication Attempts	2	N
WLAN Profile 1 Prompt Mode	Enabled	N
Line Mode	Enhanced Line Mode	N

2.22 Service Parameters

Service parameters provide default settings that apply to all devices and services in the same cluster. A cluster comprises a set of Cisco Unified Communications Managers (CUCMs) that share the same database. When you install a new Cisco Unified Communications Manager (CUCM), it uses the enterprise parameters to set the initial values of its device defaults.

If a subscriber parameter is not equal to the publisher parameter, the subscriber value will appear in red. If the value cannot be retrieved (for example the subscriber server is not active but configured in the database, the subscriber value appears as error.

Please note that not all parameters are listed as not all parameters can be retrieved.

Service Parameters - Clusterwide Parameters (Parameters that apply to all servers)		
Service	**Parameter Name**	**Parameter Value**
Cisco AMC Service	Primary Collector	a9027b7a-785f-47f0-b8a1-42b0b1e08da9
Cisco AMC Service	Failover Collector	
Cisco AMC Service	Amc Collection Enabled	T
Cisco AMC Service	Amc Collection Polling Rate	30
Cisco AMC Service	Amc Link Service Sync Up Period	60
Cisco AMC Service	RMI Registry Port	1099
Cisco AMC Service	RMI Object Port	1090
Cisco AMC Service	Alert Mgr Enabled	T
Cisco AMC Service	Logger Enabled	T
Cisco Bulk Provisioning Service	Default BPS Job Processing Option	1
Cisco Bulk Provisioning Service	Default BPS Job Processing Time	
Cisco Bulk Provisioning Service	Default BPS Throttling Limit	1000
Cisco Bulk Provisioning Service	BPS Log File Location	/var/log/active/cm/log/bps/
Cisco Bulk Provisioning Service	Stop BPS Job Processing	F
Cisco CTIManager	Application Heartbeat Max Interval	3600

Service Parameters - Clusterwide Parameters (Parameters that apply to all servers)		
Service	**Parameter Name**	**Parameter Value**
Cisco CTIManager	Application Heartbeat Min Interval	5
Cisco CTIManager	Hunt Call Clear Delay Timer	200
Cisco CTIManager	Max SSO Token Size	8192
Cisco CTIManager	Max Devices Per Provider	2000
Cisco CTIManager	Max Devices Per Node	800
Cisco CTIManager	Require Public Key Encryption	F
Cisco CTIManager	Default IP Addr Mode	2
Cisco CTIManager	DSCP For ICCP	96
Cisco CTIManager	DSCP For CT I2 Apps	96
Cisco CTIManager	Sdl Listening Port	8003
Cisco CTIManager	Sdl Max Router Latency	20
Cisco CTIManager	Sdl Max Un Handled Exceptions	0
Cisco CallManager	Call Diagnostics Enabled	0
Cisco CallManager	Display FAC In CDR	F
Cisco CallManager	Show Member D Ninfinal Called Party Number	F
Cisco CallManager	Show Member DN Non Maskinfinal Called Party Number	F
Cisco CallManager	CTI New Call Accept Timeout	4
Cisco CallManager	CTI Generate Digits Interval	250
Cisco CallManager	CTI Dial Digits Interval	250
Cisco CallManager	CTI Await Further Digits	F
Cisco CallManager	CTI Wild Card DN As Called Party	F
Cisco CallManager	CTI Send Fake Ringback On183 SDP	T
Cisco CallManager	Disable Non Registered SCCP Keep Alives	F
Cisco CallManager	Call Forward Notification All Lines	F
Cisco CallManager	Retain Media On Disconnect With PI For Active Call	F
Cisco CallManager	Station2nd Keepalive Interval	60
Cisco CallManager	Station Keepalive Interval	30
Cisco CallManager	Status Enq Poll Flag	F
Cisco CallManager	Strip Pound Called Party Flag	T
Cisco CallManager	Timer Dusting_sec	10
Cisco CallManager	Timer T301_msec	180000
Cisco CallManager	Timer T302_msec	15000
Cisco CallManager	Timer T303_msec	4000
Cisco CallManager	Timer T304_msec	30000
Cisco CallManager	Timer T305_msec	30000

Service Parameters - Clusterwide Parameters (Parameters that apply to all servers)		
Service	**Parameter Name**	**Parameter Value**
Cisco CallManager	Timer T306_msec	30000
Cisco CallManager	Timer T308_msec	4000
Cisco CallManager	Timer T309_msec	90000
Cisco CallManager	Timer T310_msec	60000
Cisco CallManager	Timer T313_msec	4000
Cisco CallManager	Timer T316_msec	120000
Cisco CallManager	Timer T317_msec	100000
Cisco CallManager	Timer T321_msec	30000
Cisco CallManager	Timer T322_msec	4000
Cisco CallManager	Tone On Hold Time	10
Cisco CallManager	Unknown Caller Id	
Cisco CallManager	Unknown Caller Id Flag	T
Cisco CallManager	Unknown Caller Id Text	
Cisco CallManager	Call Classification	1
Cisco CallManager	Always Display Orignal Dialed Number	F
Cisco CallManager	Name Display For Original Dialed Number When Translated	T
Cisco CallManager	Always Use Pis With Original Dialed Number	F
Cisco CallManager	Out Of Bandwidth Cause Value	34
Cisco CallManager	Strip Plus For Outgoing Calls Through Gateway	F
Cisco CallManager	Fail Call If TRP Allocation Fails	T
Cisco CallManager	Allow Party ID Display If P Iis NA	F
Cisco CallManager	Transit Counter Enabled For QSIG Trunks	F
Cisco CallManager	Egress Facility IE Count	6
Cisco CallManager	Enable Device Mobilityfor Trunks	F
Cisco CallManager	Alway Use Prime Line	F
Cisco CallManager	Alway Use Prime Line For Voice Mail	F
Cisco CallManager	Bib Enable	0
Cisco CallManager	Device Mobility Mode	0
Cisco CallManager	Display Device Mobility Location	1
Cisco CallManager	Timer For Auto Answer	1
Cisco CallManager	Extension Display On7910	F
Cisco CallManager	Alternate Idle Phone Auto Answer Behavior	F
Cisco CallManager	Hold Type	F
Cisco CallManager	Line State Update Enabled	T
Cisco CallManager	Timer_ Offhook_ To_ First_ Digit_msec	15000
Cisco CallManager	Override Auto Answer If Disable Speaker Flag	T

Service Parameters - Clusterwide Parameters (Parameters that apply to all servers)		
Service	**Parameter Name**	**Parameter Value**
Cisco CallManager	Out Of Bandwidth Text	Not Enough Bandwidth
Cisco CallManager	Enter FAC Text	Enter Authorization Code
Cisco CallManager	Enter CMC Text	Enter Client Matter Code
Cisco CallManager	AAR Network Congestion Re Routing Text	Network Congestion. Rerouting.
Cisco CallManager	Consecutive Ring Option	0
Cisco CallManager	Transfer Onhook Enabled	F
Cisco CallManager	Device Ring Setting	5
Cisco CallManager	Line Ring Setting	4
Cisco CallManager	Call Pickup Ring Setting Idle Station	2
Cisco CallManager	Call Pickup Ring Setting Busy Station	2
Cisco CallManager	BLF Audible Alert Setting Idle Station	0
Cisco CallManager	BLF Audible Alert Setting Busy Station	0
Cisco CallManager	Privacy Setting	T
Cisco CallManager	Preserve Privacy Setting On Held Calls	F
Cisco CallManager	SIP Station Keepalive Interval	120
Cisco CallManager	SIP Station Realm	ccmsipline
Cisco CallManager	Hunt Group Logoff Notification	None
Cisco CallManager	Speed Dial Await Further Digits	F
Cisco CallManager	Display Cti RP Info Flag	F
Cisco CallManager	Display Original Cgpn On Transfer From Vm	F
Cisco CallManager	URI Dialing Display Preference	1
Cisco CallManager	Prefix Apply To	1
Cisco CallManager	National Prefix	
Cisco CallManager	International Prefix	
Cisco CallManager	Subscriber Prefix	
Cisco CallManager	Unknown Prefix	
Cisco CallManager	Apply Incoming Prefix To CD Rs	F
Cisco CallManager	Insert Hyphens In12 Digit Numbers	F
Cisco CallManager	Allow Call Waiting During In Progress Outbound Analog Call	T
Cisco CallManager	Treat Foreign Domain Calls As UR Iin Phone Call History	F
Cisco CallManager	Display External Presentation Nameand Number	F
Cisco CallManager	Pause In Speed Dial Inter Digit Interval_msec	60

Service Parameters - Clusterwide Parameters (Parameters that apply to all servers)		
Service	**Parameter Name**	**Parameter Value**
Cisco CallManager	Display Hunt Pilot Name Or DN When Alerting	T
Cisco CallManager	Apply Transformations On Remote Number	F
Cisco CallManager	Asn1 Rose Encoding	0
Cisco CallManager	Qsig Variant	0
Cisco CallManager	Caller ID	
Cisco CallManager	Calling Name Not Available Timeout	2000
Cisco CallManager	Cgpn Screening Indicator	4
Cisco CallManager	Enable Outbound Network Trunk Cgpn Restriction	F
Cisco CallManager	Change B Channel Maintenance Status1	
Cisco CallManager	Change B Channel Maintenance Status2	
Cisco CallManager	Change B Channel Maintenance Status3	
Cisco CallManager	Change B Channel Maintenance Status4	
Cisco CallManager	Change B Channel Maintenance Status5	
Cisco CallManager	Clear Calls Due To Incompatible Call State	F
Cisco CallManager	Clear Calls When Datalink Goes Down	T
Cisco CallManager	Db MGCP Device Timeout	5
Cisco CallManager	Device Status Poll Interval_msec	3000
Cisco CallManager	Disable Alerting PI	F
Cisco CallManager	Discard Non Inband Progress	F
Cisco CallManager	Disable Resume From MGCPFXS Shareline	T
Cisco CallManager	Dt Silence Flag	F
Cisco CallManager	Enable Display IE In Codeset6	F
Cisco CallManager	Enable Pri Ni2 Service Message Support	F
Cisco CallManager	Flash Hook Duration_msec	500
Cisco CallManager	Gateway Poll Timeout	10
Cisco CallManager	Location In PRI Progress Indicator	16
Cisco CallManager	Matching Cgpn With Attendant Flag	F
Cisco CallManager	MGCP Db Query Delay Time_msec	1000
Cisco CallManager	Mgcp Fxs Hangup Timeout	3
Cisco CallManager	MGCP Resp Timeout	30
Cisco CallManager	MGCP Timeout	3

Service Parameters - Clusterwide Parameters (Parameters that apply to all servers)		
Service	**Parameter Name**	**Parameter Value**
Cisco CallManager	MGCP Retry Timeout Handling	0
Cisco CallManager	Numbering Plan Info	1
Cisco CallManager	Optimize Media Connection Time	T
Cisco CallManager	Overlap Receiving For Pri Flag	T
Cisco CallManager	Outgoing Media Connect Time For Pri	0
Cisco CallManager	Port Release Timer	0
Cisco CallManager	PR I4 ESSUUIE Device Type	0
Cisco CallManager	SMDI Call Delay Timer	0
Cisco CallManager	Stable In4 Flag	F
Cisco CallManager	Optimize MGCP Registration	T
Cisco CallManager	Suppress Out Of Chans Events	T
Cisco CallManager	Timer T1 Frame_msec	2000
Cisco CallManager	Convert Progress To Disconnect	F
Cisco CallManager	User User IE Status	F
Cisco CallManager	Convert European Progress Messageto Alerting	F
Cisco CallManager	Enable Dms Pri Notify Message From User To Network	T
Cisco CallManager	Audit Oos Channel Timer	10
Cisco CallManager	Enable Digit Reset During Hook Flash	T
Cisco CallManager	Incoming Calling Party National Number Prefix MGCP	
Cisco CallManager	Incoming Calling Party International Number Prefix MGCP	
Cisco CallManager	Incoming Calling Party Subscriber Number Prefix MGCP	
Cisco CallManager	Incoming Calling Party Unknown Number Prefix MGCP	
Cisco CallManager	Digital And Analog Ports Enabled	T
Cisco CallManager	Allow Layer1 Info For Pri Bearer Capability	F
Cisco CallManager	Accept Blind TCP Connection	F
Cisco CallManager	Allow TCP Keep Alives For H323	T
Cisco CallManager	BRQ Enabled	F
Cisco CallManager	Call Present6 Disconn Flag	F
Cisco CallManager	Enable H323 Quiet Clear	F

Service Parameters - Clusterwide Parameters (Parameters that apply to all servers)		
Service	**Parameter Name**	**Parameter Value**
Cisco CallManager	Block Connected Number IE	F
Cisco CallManager	Process Inbound H245 Address In H225 Setup	F
Cisco CallManager	Check Progress Indicator Before Establishing Media	F
Cisco CallManager	Convert Progress To Release Complete	F
Cisco CallManager	H225 Block Setup Destination	F
Cisco CallManager	H225 DB Retry Timeout	0
Cisco CallManager	H225 Device Connect At Connect Time	0
Cisco CallManager	H225 DTMF Duration	100
Cisco CallManager	H225 Tsp Req Retry	2
Cisco CallManager	Timer H225 ICT Call Throttle	30
Cisco CallManager	Timer H225 T301_msec	180000
Cisco CallManager	Timer H225 T302_msec	15000
Cisco CallManager	Timer H225 T303_msec	4000
Cisco CallManager	Timer H225 T304_msec	30000
Cisco CallManager	Timer H225 T305_msec	30000
Cisco CallManager	Timer H225 T310_msec	60000
Cisco CallManager	Timer H225 TCP	5
Cisco CallManager	H245 TCS Timeout	10
Cisco CallManager	H323 Cgpn Screening Indicator	1
Cisco CallManager	Fully Qualified DN For H323	F
Cisco CallManager	Tone On Connect	F
Cisco CallManager	Timeout Waiting For SD Pwith Recv Mode_sec	3
Cisco CallManager	Timer Ras ARQ	3
Cisco CallManager	Timer Ras BRQ	3
Cisco CallManager	Timer Ras DRQ	3
Cisco CallManager	Timer Ras RRQ	3
Cisco CallManager	Timer Ras URQ	3
Cisco CallManager	Retry Count ARQ	2
Cisco CallManager	Retry Count BRQ	2
Cisco CallManager	Retry Count DRQ	2
Cisco CallManager	Retry Count RRQ	2
Cisco CallManager	Retry Count URQ	1
Cisco CallManager	Send Product And Version Id	F
Cisco CallManager	Send CUCM Versionas Version Idin H225 Setup	F
Cisco CallManager	Timer Send Progress_msec	3000
Cisco CallManager	To Send H225 User Info Msg	1
Cisco CallManager	Timer T Status Enq Poll_msec	10000

Service Parameters - Clusterwide Parameters (Parameters that apply to all servers)		
Service	**Parameter Name**	**Parameter Value**
Cisco CallManager	Device Name Of GK Controlled Trunk With Port1720	None
Cisco CallManager	Host Name IP Address Of GK With RAS Udp Port1719	None
Cisco CallManager	Fail Call If MTP Allocation Fails	F
Cisco CallManager	Overlap Receiving For H323 Flag	F
Cisco CallManager	Incoming Calling Party National Number Prefix H323	
Cisco CallManager	Incoming Calling Party International Number Prefix H323	
Cisco CallManager	Incoming Calling Party Subscriber Number Prefix H323	
Cisco CallManager	Incoming Calling Party Unknown Number Prefix H323	
Cisco CallManager	Incoming Called Party National Num Prefix H323	
Cisco CallManager	Incoming Called Party International Num Prefix H323	
Cisco CallManager	Incoming Called Party Subscriber Num Prefix H323	
Cisco CallManager	Incoming Called Party Unknown Num Prefix H323	
Cisco CallManager	Allocate Transcoder For H323 To EO Call	F
Cisco CallManager	SIP Interoperability Enabled	T
Cisco CallManager	Retry Count SIP Bye	10
Cisco CallManager	Retry Count SIP Cancel	10
Cisco CallManager	Retry Count SIP Invite	6
Cisco CallManager	Retry Count SIPPRACK	6
Cisco CallManager	Retry Count SIP Rel1 XX	10
Cisco CallManager	Retry Count SIP Publish	6
Cisco CallManager	Retry Count SIP Response	6
Cisco CallManager	Timer SIP Connect_msec	500
Cisco CallManager	Timer SIP Disconnect_msec	500
Cisco CallManager	Timer SIP Expires	180000
Cisco CallManager	Timer SIPPRAC K_msec	500
Cisco CallManager	Timer SIP Rel1 X X_msec	500
Cisco CallManager	Timer SIP Trying_msec	500
Cisco CallManager	Timer SIP Publish_msec	500

Service Parameters - Clusterwide Parameters (Parameters that apply to all servers)		
Service	**Parameter Name**	**Parameter Value**
Cisco CallManager	SIP Minimum Session Expires Value	1800
Cisco CallManager	SIPSURI Handling	0
Cisco CallManager	Timer SIP Statistics Periodic Update	2
Cisco CallManager	SIP Session Expires Value	1800
Cisco CallManager	SIP Call Preservation Expires Value	0
Cisco CallManager	SIP Trunk Tsp Req Retry	2
Cisco CallManager	SIP Tcp Connection Aging Timer	14
Cisco CallManager	SIP Tcp Timer	5
Cisco CallManager	SIP Station TCP Port Throttle Rate Threshold	100
Cisco CallManager	SIP Trunk TCP Port Throttle Rate Threshold	500
Cisco CallManager	SIP Station UDP Port Throttle Rate Threshold	50
Cisco CallManager	SIP Trunk UDP Port Throttle Rate Threshold	200
Cisco CallManager	SIP V150 Outbound SDP Offer Filtering	0
Cisco CallManager	SIP Max Incoming Message Size	18000
Cisco CallManager	SIP Max Incoming Message Headers	100
Cisco CallManager	Send SIP Multicast TT Lin SDP	F
Cisco CallManager	SIP Publish Timer	3600
Cisco CallManager	SIP Publish Min Timer	60
Cisco CallManager	SIP Publish Trunk	
Cisco CallManager	Incoming Calling Party Unknown Number Prefix SIP	
Cisco CallManager	Send181 Response For Call Forward	F
Cisco CallManager	Delay Sending181 Message Until18 X	T
Cisco CallManager	Fail SIP Trunk Call If MTP Allocation Fails	F
Cisco CallManager	Enable Call Related Refer Notify Subscribe Logging	T
Cisco CallManager	Get Port Response Timer	2
Cisco CallManager	SIP Registration Authorization Enabled	T
Cisco CallManager	Call Park Display Time	10
Cisco CallManager	Caller ID Display Priority Enabled	T
Cisco CallManager	Use All Call Park Numbers Once Before Reusing	F
Cisco CallManager	Enable Clusterwide Call Park	F

Service Parameters - Clusterwide Parameters (Parameters that apply to all servers)		
Service	**Parameter Name**	**Parameter Value**
Cisco CallManager	Call Park Reversion Timeout	60
Cisco CallManager	Park Monitoring Reversion Timeout	60
Cisco CallManager	Park Monitoring Periodic Reversion Timeout	30
Cisco CallManager	Park Monitoring Forward No Retrieve Timeout	300
Cisco CallManager	Use Gcid Of Parked Call Enabled	T
Cisco CallManager	Max Call Duration Timeout	720
Cisco CallManager	Max Hold Duration Timeout	360
Cisco CallManager	Barge Tone Enable	T
Cisco CallManager	MWL Policy	0
Cisco CallManager	Audible MWI Policy	0
Cisco CallManager	MWI In Bound Calling Search Space	
Cisco CallManager	Multi Tenant MWI Mode	F
Cisco CallManager	Non Msg Center Timer Value	0
Cisco CallManager	MWI Apdu Xlation Calling Search Space	
Cisco CallManager	Block Off Net To Off Net Transfer	F
Cisco CallManager	Fwd Off Net Transfers To External Dest	F
Cisco CallManager	Use Restriction Of Presentation Of Transferring Party	T
Cisco CallManager	Local Route Group For Redirected Calls	0
Cisco CallManager	Block Unencrypted Calls	F
Cisco CallManager	Suppress Moh To CB	T
Cisco CallManager	Drop Adhoc Conference	0
Cisco CallManager	Max Ad Hoc Conference	4
Cisco CallManager	Max Meet Me Conference Unicast	4
Cisco CallManager	Advance Adhoc Conference	F
Cisco CallManager	Non Linear Adhoc Conference Linking Enabled	F
Cisco CallManager	Choose Encrypted Instead Of Video	T
Cisco CallManager	Minimum Video Capable Participants	2
Cisco CallManager	Allocate Video When Video Bridge Has Higher Priority	F
Cisco CallManager	Enable Click To Conference For Third Party Apps	F
Cisco CallManager	IMS Conference Factory URI	cucm-conference-factory@cucm1.company.com

Service Parameters - Clusterwide Parameters (Parameters that apply to all servers)		
Service	**Parameter Name**	**Parameter Value**
Cisco CallManager	MCU Conference Bridge Custom Layout Index	0
Cisco CallManager	Cluster Conferencing Prefix Id	
Cisco CallManager	Secure Call Icon Display Policy	0
Cisco CallManager	Forward Maximum Hop Count	12
Cisco CallManager	Forward No Answer Timeout	12
Cisco CallManager	Max Forwards To Dn	12
Cisco CallManager	Retain Fwd Info After Offhook	F
Cisco CallManager	Forward By Reroute Enabled Flag	F
Cisco CallManager	Transform Forward By Reroute Dest Flag	T
Cisco CallManager	VMB To Diverting Nr Enabled Flag	F
Cisco CallManager	Copy Qsig Diverting Nr To Redir Nr Flag	F
Cisco CallManager	Copy Qsig Div Reason To Orig Div Reason Flag	F
Cisco CallManager	Always Forward Switch VM Calls Flag	T
Cisco CallManager	Forward By Reroute T1 Timer	10
Cisco CallManager	Qsig Orig VM Box Translation	F
Cisco CallManager	Include Orig Called Info QSIG Call Div	0
Cisco CallManager	FWD Private Numbering Plan Encoding	F
Cisco CallManager	FWD Private Type Of Number	2
Cisco CallManager	Max Forward Un Registereds To Dn	0
Cisco CallManager	Cfa Css Activation Policy	1
Cisco CallManager	CF Hop Count Exceed SIP Cause Value	31
Cisco CallManager	CFA Destination Override	F
Cisco CallManager	Hold Reversion Duration	0
Cisco CallManager	Hold Reversion Notification Interval	30
Cisco CallManager	Auto Call Pickup Enabled	F
Cisco CallManager	Call Pickup Locating Timer	1
Cisco CallManager	Call Pickup No Answer Timer	12
Cisco CallManager	Validate Refer To Address	2
Cisco CallManager	Block Off Net To Off Net Replaces	F
Cisco CallManager	Redirection RNAR Timer	24

Service Parameters - Clusterwide Parameters (Parameters that apply to all servers)		
Service	**Parameter Name**	**Parameter Value**
Cisco CallManager	Max Redirection Count	70
Cisco CallManager	Enable Location MLPP	F
Cisco CallManager	Executive Override Call Preemptable	F
Cisco CallManager	Enforcing Location Maximum Bandwidth	0
Cisco CallManager	Non Preemption Pattern CSS	
Cisco CallManager	MLPP Disable Exception Precedence Level	0
Cisco CallManager	Path Replacement Enabled Flag	F
Cisco CallManager	Path Replace Tromboned Calls Flag	T
Cisco CallManager	Path Replacement Start Minimum Time	0
Cisco CallManager	Path Replacement Start Maximum Time	0
Cisco CallManager	Path Replacement T1 Timer	30
Cisco CallManager	Path Replacement T2 Timer	15
Cisco CallManager	Path Replacement PINX Id	
Cisco CallManager	Path Replacement Calling Search Space	
Cisco CallManager	CBB Enabled Flag	T
Cisco CallManager	CBB Audio File Name	CallBack.raw
Cisco CallManager	CBB Connection Proposal Type	1
Cisco CallManager	CBB Connection Response Type	1
Cisco CallManager	CBB Request Protection Timer T1	10
Cisco CallManager	CBB Recall Timer T3	20
Cisco CallManager	CBB Calling Search Space	
Cisco CallManager	CBB Path Reservation Response	1
Cisco CallManager	CBB Private Numbering Plan Encoding	F
Cisco CallManager	CBB Private Type Of Number	2
Cisco CallManager	CBB Ret Result Operation Value	0
Cisco CallManager	CBB Ret Result Optional Param	T
Cisco CallManager	CB Clear Monitoring Call	F
Cisco CallManager	Play Recording Tone To Observed Target	F
Cisco CallManager	Play Recording Tone To Observed Connected Parties	F
Cisco CallManager	Authenticated Phone Recording	0

Service Parameters - Clusterwide Parameters (Parameters that apply to all servers)		
Service	**Parameter Name**	**Parameter Value**
Cisco CallManager	Play Monitoring Tone To Observed Target	F
Cisco CallManager	Play Monitoring Tone To Observed Connected Parties	F
Cisco CallManager	Join Across Lines Policy	0
Cisco CallManager	Single Button Barge C Barge Policy	0
Cisco CallManager	Allow Barging When Ringing	F
Cisco CallManager	Play Secure Indication Tone	F
Cisco CallManager	MGCPGW Play Tone Delay Timer	0
Cisco CallManager	External Call Control Diversion Maximum Hop Count	12
Cisco CallManager	External Call Control Diversion Max Hop To Pattern Or DN	12
Cisco CallManager	External Call Control Routing Request Timer	2000
Cisco CallManager	External Call Control Fully Qualified Role And Resource	CISCO:UC:UCMPolicy:VoiceOrVideoCall
Cisco CallManager	External Call Control Initial Connection Count To PDP	2
Cisco CallManager	External Call Control Maximum Connection Count To PDP	4
Cisco CallManager	Always Use External Call Control Specified Call Names	1
Cisco CallManager	Stop Routing On Out Of Bandwidth Flag	F
Cisco CallManager	Stop Routing On Unallocated Number Flag	T
Cisco CallManager	Stop Routing On User Busy Flag	T
Cisco CallManager	Stop Routing On Q931 Disconnect Cause Values	
Cisco CallManager	Route Class Trunk Signaling Enabled	T
Cisco CallManager	SIP Route Class Naming Authority	cisco.com
Cisco CallManager	SIP Clear Channel Data Route Class Label	ccdata
Cisco CallManager	SIP Satellite Avoidance Route Class Label	nosat
Cisco CallManager	SIP Hotline Voice Route Class Label	hotline
Cisco CallManager	SIP Hotline Data Route Class Label	hotline-ccdata
Cisco CallManager	Stop Routing On Out Of Bandwidth Flag For	F

Service Parameters - Clusterwide Parameters (Parameters that apply to all servers)		
Service	**Parameter Name**	**Parameter Value**
	Hunt List	
Cisco CallManager	Use Pickup Group Of Line Group Member DN	F
Cisco CallManager	External Qo S Enabled Flag	F
Cisco CallManager	Default Network Hold MOH Audio Source ID	1
Cisco CallManager	Default User Hold MOH Audio Source ID	1
Cisco CallManager	Duplex Streaming Enabled	F
Cisco CallManager	Media Exchange Interface Caps Timeout	8
Cisco CallManager	Enable New M Mo H Method Over H323 Protocol	T
Cisco CallManager	Media Exchange Timeout	12
Cisco CallManager	Media Exchange Stop Streaming Timeout	8
Cisco CallManager	Open Video Channel Ack Timeout	500
Cisco CallManager	Port Received Timer After Call Connection	500
Cisco CallManager	Media Resource Allocation Timeout	12
Cisco CallManager	MTP Resource Throttling Percentage	95
Cisco CallManager	ICT Capabilities Mismatch Timeout	1000
Cisco CallManager	Silence Suppression System Wide	F
Cisco CallManager	Silence Suppression With Gateways	F
Cisco CallManager	Strip Silence Suppression Capabilities	F
Cisco CallManager	Enable Source Verification For Media Devices	T
Cisco CallManager	Always Use Dialtone Setting	1
Cisco CallManager	Restart Ccm On Initialization Exception	T
Cisco CallManager	Dialing Forest Dump Enabled	F
Cisco CallManager	SCCP Batch Latency Timer	100
Cisco CallManager	Digit Analysis Timer	6
Cisco CallManager	Statistics Enabled	T
Cisco CallManager	Device Propagation Queue Depth	25
Cisco CallManager	SM Events Debug Enabled	F
Cisco CallManager	Ccm Priority Class	0
Cisco CallManager	DSCP For Audio Calls	184
Cisco CallManager	DSCP For Video Calls	136

Service Parameters - Clusterwide Parameters (Parameters that apply to all servers)		
Service	**Parameter Name**	**Parameter Value**
Cisco CallManager	DSCP For Audio Portion Of Video Calls	136
Cisco CallManager	DSC Pfor Telepresence	128
Cisco CallManager	DSCP For Audio Portion Of Telepresence	128
Cisco CallManager	DSCP For Priority Audio Calls	180
Cisco CallManager	DSCP For Immediate Audio Calls	176
Cisco CallManager	DSCP For Flash Audio Calls	164
Cisco CallManager	DSCP For Flash Override Audio Calls	168
Cisco CallManager	DSCP For Executive Override Audio Calls	168
Cisco CallManager	DSCP For Priority Video Calls	156
Cisco CallManager	DSCP For Immediate Video Calls	148
Cisco CallManager	DSCP For Flash Video Calls	140
Cisco CallManager	DSCP For Flash Override Video Calls	132
Cisco CallManager	DSCP For Executive Override Video Calls	132
Cisco CallManager	DSCP For G Clear Calls	184
Cisco CallManager	DSCP For Priority G Clear Calls	180
Cisco CallManager	DSCP For Immediate G Clear Calls	176
Cisco CallManager	DSCP For Flash G Clear Calls	164
Cisco CallManager	DSCP For Flash Override G Clear Calls	168
Cisco CallManager	DSCP For Executive Override G Clear Calls	168
Cisco CallManager	DSCP For Audio Calls When RSVP Fails	0
Cisco CallManager	DSCP For Video Calls When RSVP Fails	0
Cisco CallManager	DSC Pfor ICCP	96
Cisco CallManager	Sdl Listening Port	8002
Cisco CallManager	Sdl Max Router Latency Secs	20
Cisco CallManager	Sdl Max Un Handled Exceptions	0
Cisco CallManager	Asynchronous SDL Logging Enabled	F
Cisco CallManager	Enforce Millisecond Packet Size	T
Cisco CallManager	Locations Trace Details Flag	F
Cisco CallManager	Preferred G711 Millisecond Packet Size	20
Cisco CallManager	Preferred G722 Millisecond Packet Size	20

Service Parameters - Clusterwide Parameters (Parameters that apply to all servers)		
Service	**Parameter Name**	**Parameter Value**
Cisco CallManager	Preferred G723 Millisecond Packet Size	30
Cisco CallManager	Preferred G729 Millisecond Packet Size	20
Cisco CallManager	Always Use Preferred G729 Packet Size For SIP Trunk Answers	F
Cisco CallManager	Preferred GSMEFR Byte Size	31
Cisco CallManager	G711 A Law Codec Enabled	1
Cisco CallManager	G711 Mu Law Codec Enabled	1
Cisco CallManager	G722 Codec Enabled	1
Cisco CallManager	I LBC Codec Enabled	1
Cisco CallManager	I SAC Codec Enabled	1
Cisco CallManager	Opus Codec Enabled	1
Cisco CallManager	Intra Audio Region Default	64
Cisco CallManager	Inter Audio Region Default	8
Cisco CallManager	Intra Video Region Default	384
Cisco CallManager	Inter Video Region Default	384
Cisco CallManager	Intra Immersive Video Region Default	2000000000
Cisco CallManager	Inter Immersive Video Region Default	2000000000
Cisco CallManager	Use Video Bandwidth Pool For Immersive Video Calls	T
Cisco CallManager	Link Loss Type Default	1
Cisco CallManager	Inter Audio Region Default Codec List	22910f2b-51ab-4a46-b606-604a28558568
Cisco CallManager	Intra Audio Region Default Codec List	22910f2b-51ab-4a46-b606-604a28558568
Cisco CallManager	Accept Audio Codec Preferences In Received Offer	0
Cisco CallManager	G Clear Bandwidth Override	F
Cisco CallManager	AAR Enable	F
Cisco CallManager	Default RSVP Policy	1
Cisco CallManager	RSVP Retry Timer	60
Cisco CallManager	Mandatory RSVP Mid Call Retry Counter	1
Cisco CallManager	Mandatory RSVP Mid Call Error Handle Option	1
Cisco CallManager	RSVP Video Tspec Burst Size Factor	5
Cisco CallManager	MLP P_ RSVP Mapping EXECUTIV E_ OVERRIDE	65535
Cisco CallManager	MLP P_ RSVP Mapping FLAS H_ OVERRIDE	65534

Service Parameters - Clusterwide Parameters (Parameters that apply to all servers)		
Service	**Parameter Name**	**Parameter Value**
Cisco CallManager	MLP P_ RSVP Mapping FLASH	65533
Cisco CallManager	MLP P_ RSVP Mapping IMMEDIATE	65532
Cisco CallManager	MLP P_ RSVP Mapping P L_ PRIORITY	65531
Cisco CallManager	MLP P_ RSVP Mapping P L_ ROUTINE	65530
Cisco CallManager	RSVP Audio App ID	AudioStream
Cisco CallManager	RSVP Video App ID	VideoStream
Cisco CallManager	RSVP Response Timer	2
Cisco CallManager	Packetcapture Enable	F
Cisco CallManager	Packetcapture Max File Size	2
Cisco CallManager	Presence Subscription Throttling Threshold	60000
Cisco CallManager	Presence Subscription Resume Threshold	80
Cisco CallManager	Default Presence Subscription Policy	0
Cisco CallManager	Include DND Status	F
Cisco CallManager	Dtmf Hold Code	*81
Cisco CallManager	Dtmf Exclusive Hold Code	*82
Cisco CallManager	Dtmf Resume Code	*83
Cisco CallManager	Dtmf Txf Code	*84
Cisco CallManager	Dtmf Cnf Code	*85
Cisco CallManager	Dtmf Dusting Code	*74
Cisco CallManager	Dtmf Start Recording Code	*86
Cisco CallManager	Dtmf Stop Recording Code	*87
Cisco CallManager	Hlogin Access Number	
Cisco CallManager	Hlogout Access Number	
Cisco CallManager	Smart Mobile Phone Interdigit Timer	500
Cisco CallManager	Regular Mobile Phone Interdigit Timer	2000
Cisco CallManager	Cell Pickup User Selection Timer	60
Cisco CallManager	SIP Dual Mode Alert Timer	1500
Cisco CallManager	Call Screening Timer	4000
Cisco CallManager	Redial Await Timer	180
Cisco CallManager	Inbound CSS For RD	0
Cisco CallManager	Enable Enterprise Feature Access	F
Cisco CallManager	DVOF Service Number	
Cisco CallManager	Enable Mobile Voice Access	F
Cisco CallManager	Mobile Voice Access Number	
Cisco CallManager	Rem Dest Caller ID Match Type	0

Service Parameters - Clusterwide Parameters (Parameters that apply to all servers)		
Service	**Parameter Name**	**Parameter Value**
Cisco CallManager	Rem Dest Caller ID Match Digits	10
Cisco CallManager	System Rem Access Blocked Numbers	
Cisco CallManager	Enableuseofpre X Cdpnfor Mobile Terminatedcalls	F
Cisco CallManager	Honor Gw Tr Outbound Cg Pty Selfor Mobile Connect Calls	F
Cisco CallManager	Jabber Dual Mode Push Notification Wait Timer	5
Cisco CallManager	Voice Mail Selection Policy	1
Cisco CallManager	Dv OR Voice Mail Selection Policy	1
Cisco CallManager	VM Select User Control Delayed Announcement Timer	1000
Cisco CallManager	VM Select User Control Confirmed Answer Indication Timer	10000
Cisco CallManager	Reroute Remote Destination Callsto Enterprise Number	F
Cisco CallManager	Ring All Shared Lines	F
Cisco CallManager	Ignore Call Forward Allon Enterprise DN	T
Cisco CallManager	Legacy I Divert Behavior	T
Cisco CallManager	Qsigize Legacy I Divert	F
Cisco CallManager	I Divert Screen Timeout	5
Cisco CallManager	Call Counting CAC Enabled	F
Cisco CallManager	Audio Bandwidth For Call Counting CAC	102
Cisco CallManager	Video Bandwidth For Call Counting CAC	500
Cisco CallManager	UCM To LBM Periodic Reservation Refresh Timer	5
Cisco CallManager	Max Bandwidth Duration	720
Cisco CallManager	Call Treatment When No LBM Available	0
Cisco CallManager	Locations Media Resource Audio Bit Rate Policy	1
Cisco CallManager	Video Call Qo S Marking Policy	0
Cisco CallManager	Deduct Audio Bandwidth From Audio Pool For Video Call	0
Cisco CallManager	Alternate Emergency Destination	
Cisco CallManager	Alternate Emergency CSS	
Cisco Config Agent	Heart Beat Interval	60

Service Parameters - Clusterwide Parameters (Parameters that apply to all servers)		
Service	**Parameter Name**	**Parameter Value**
Cisco Config Agent	Connect Timeout	30
Cisco Config Agent	Max Network Outage	240
Cisco Config Agent	Heart Beat Port	8600
Cisco Config Agent	Offline Message Heart Beat Interval	60
Cisco Config Agent	Max Offline Message Time To Live	14
Cisco Config Agent	Roster Heart Beat Interval	60
Cisco Config Agent	Max Roster Entry Time To Live	30
Cisco Database Layer Monitor	Device Name Validation Enabled	T
Cisco Database Layer Monitor	CDR Purge Time	00:00
Cisco Database Layer Monitor	CDR Purge Window	12
Cisco Database Layer Monitor	Table Out Of Sync	0
Cisco Database Layer Monitor	Sort End User Locale	1
Cisco Database Layer Monitor	Axl Change Notification	1
Cisco Database Layer Monitor	Axl Change Notification Queue Size	20000
Cisco Database Layer Monitor	Valid Namespace	T
Cisco Database Layer Monitor	SPL Trace	1
Cisco Database Layer Monitor	SPL App Trace Level	1
Cisco Database Layer Monitor	Maintenance Task Trace	0
Cisco Database Layer Monitor	Enable AXL Encoding Info	F
Cisco Database Layer Monitor	Check For Namespace In Tag	T
Cisco Database Layer Monitor	Validate Service URL	T
Cisco Database Layer Monitor	Replication Monitor Timeout	1800
Cisco Database Layer Monitor	Maximum Inactive Period	0
Cisco Database Layer Monitor	Disable User	0
Cisco Device Activation Service	Activation Code Expiry	168
Cisco DirSync	Max Number Of Agreements	20
Cisco DirSync	Max Number Of Host	3
Cisco DirSync	Retry Delay On Failure Host	5
Cisco DirSync	Retry Delay On Failure Host List	10
Cisco DirSync	LDAP Connection Timeout	5

Service Parameters - Clusterwide Parameters (Parameters that apply to all servers)		
Service	**Parameter Name**	**Parameter Value**
Cisco DirSync	Delayed Sync Start	5
Cisco DirSync	User Customer Map Audit Time	0000-00-00 00:00
Cisco Directory Number Alias Sync	Processuser Thread Sleep Interval	1
Cisco Directory Number Alias Sync	Record Size For Update	100
Cisco Directory Number Alias Sync	Update Sleep Interval	1
Cisco Directory Number Alias Sync	Time Out Threshold Interval Sync	1000
Cisco Directory Number Alias Sync	Time Out Threshold Interval For LDAP Retry Sync	5000
Cisco Directory Number Alias Sync	Allowed LDAP Retry Count Sync	2
Cisco Directory Number Alias Sync	Allowed Keep Alive Retry Count Sync	0
Cisco Directory Number Alias Sync	Error Check Enabled Sync	F
Cisco Directory Number Alias Sync	Threshold For Errors Sync	5
Cisco Directory Number Alias Sync	PUT Fail Count	0
Cisco Directory Number Alias Sync	Timeout For LDAP Context Sync	60
Cisco Directory Number Alias Sync	Max Records Per Context Sync	1000
Cisco Extended Functions	CTI Connecting Port	2748
Cisco Extended Functions	App Provider Open Time Out	30000
Cisco Extended Functions	App Hear Beat Interval	30
Cisco Extended Functions	App Connect Retry Interval	60000
Cisco Extended Functions	App Sync Req Time Out	15000
Cisco Extended Functions	CBB Change Notify Port	2552
Cisco Extended Functions	Extended Feedback	F
Cisco Extended Functions	Polling Duration	-1
Cisco Extended Functions	Polling Frequency	30
Cisco Extended Functions	Num Files	250
Cisco Extended Functions	Num Lines	2000
Cisco Extended Functions	QRT Security Flag	F
Cisco Extension Mobility	Max Duration Enable	F
Cisco Extension Mobility	Max Duration	0

Service Parameters - Clusterwide Parameters (Parameters that apply to all servers)		
Service	**Parameter Name**	**Parameter Value**
Cisco Extension Mobility	Emcc Max Login Duration	10:00
Cisco Extension Mobility	Max Concurrent Sessions	15
Cisco Extension Mobility	Multi Dev Hoteling	noLogin
Cisco Extension Mobility	Alpha User ID	T
Cisco Extension Mobility	Remember User	F
Cisco Extension Mobility	Clear Call Logs	F
Cisco Extension Mobility	Validate IP For Logout	F
Cisco Extension Mobility	Trusted IP List	
Cisco Extension Mobility	Allow Proxy	T
Cisco Extension Mobility	Emcc Allow Proxy	T
Cisco Extension Mobility	Em Dev Cache Size	10000
Cisco IM and Presence Data Monitor	Eu Watcher Basic Check Interval	30
Cisco IP Manager Assistant	Primary MITRA Server Address	
Cisco IP Manager Assistant	Backup MITRA Server Address	
Cisco IP Manager Assistant	MITRA Server Port	2912
Cisco IP Manager Assistant	Heartbeat Interval	30
Cisco IP Manager Assistant	Request Timeout Interval	30
Cisco IP Manager Assistant	Rna Fwd Flag	F
Cisco IP Manager Assistant	Alpha Numeric Flag	T
Cisco IP Manager Assistant	Rna Timeout	10
Cisco IP Manager Assistant	Security Flag	0
Cisco IP Manager Assistant	Is Manager Redirect	F
Cisco IP Manager Assistant	Multiple Instances IPMA	F
Cisco IP Manager Assistant	Pool BIPMA Primary Server	
Cisco IP Manager Assistant	Pool BIPMA Backup Server	
Cisco IP Manager Assistant	Pool CIPMA Primary Server	
Cisco IP Manager Assistant	Pool CIPMA Backup Server	
Cisco IP Manager Assistant	Softkey Assistant	c5172a6e-da16-876f-74ed-19a91ba1af38

Service Parameters - Clusterwide Parameters (Parameters that apply to all servers)		
Service	**Parameter Name**	**Parameter Value**
Cisco IP Manager Assistant	Softkey Manager	5131abbb-b43f-bd95-8a12-bc5ce85056e5
Cisco IP Manager Assistant	Softkey Manager Shared	b27df280-e5aa-8691-588b-c82da8b1e196
Cisco IP Manager Assistant	Partition Managers	
Cisco IP Manager Assistant	Partition All Users	
Cisco IP Manager Assistant	CSSIE	
Cisco IP Manager Assistant	CSSME	
Cisco IP Manager Assistant	Manager Phone Service	
Cisco IP Manager Assistant	Assistantsecondary Service	
Cisco IP Manager Assistant	Proxy Range Start	
Cisco IP Manager Assistant	Proxy Range End	
Cisco IP Manager Assistant	Trim Manager Line	0
Cisco IP Voice Media Streaming App	Default MOH Codec	1
Cisco IP Voice Media Streaming App	Default MOH Fixed Audio Performance	2
Cisco IP Voice Media Streaming App	Default MOHDB Level	-2
Cisco IP Voice Media Streaming App	Ip Tos Media Resource2 Cm	0x60
Cisco IP Voice Media Streaming App	Mcast MO H_ G711 Pkt Size	20
Cisco IP Voice Media Streaming App	Mcast MO H_ G729 Pkt Size	20
Cisco IP Voice Media Streaming App	Mcast MO H_ WB Pkt Size	20
Cisco IP Voice Media Streaming App	Multicast MO H_ DSCP	184
Cisco IP Voice Media Streaming App	DTMF Duration	100
Cisco IP Voice Media Streaming App	DTMF Power	9
Cisco IP Voice Media Streaming App	MOH Port Assignment Based On Audio Source	F
Cisco IP Voice Media Streaming App	Force AN Ntobe Non Secure	F

Service Parameters - Clusterwide Parameters (Parameters that apply to all servers)		
Service	**Parameter Name**	**Parameter Value**
Cisco IP Voice Media Streaming App	Force IV Rtobe Non Secure	F
Cisco IP Voice Media Streaming App	Force MO Htobe Non Secure	F
Cisco Intercluster Lookup Service	Ils Listening Port	7501
Cisco Intercluster Lookup Service	Ils Non TLS Listening Port	7502
Cisco Intercluster Lookup Service	Ils Sync Throttle	2000
Cisco Intercluster Lookup Service	USN Tombstone Max Age	180
Cisco Intercluster Lookup Service	Ils Max Number Of Learned Objects Supported	100000
Cisco Intercluster Sync Agent	Enable Auto Recovery For IC Peer Periodic Syncing Failure	1
Cisco Location Bandwidth Manager	Call Treatment When No Path Is Available	0
Cisco Location Bandwidth Manager	DSCP For LBM Links	96
Cisco Location Bandwidth Manager	Optimized Reservation Refresh Mechanism Enabled	T
Cisco Presence Engine	Messaging Port	50000
Cisco Presence Engine	Aggregate Shared Lines	On
Cisco Presence Engine	Cupc Tuple ID	cisco-upc
Cisco Presence Engine	Client Emulation Resource Name	composed
Cisco Presence Engine	Notify Body Size	180000
Cisco Presence Engine	Presence Change Throttle Rate	50
Cisco Presence Engine	Calendar Spread	50
Cisco Presence Engine	Exchange Timeout	3
Cisco Presence Engine	Exchange Queue	2200
Cisco Presence Engine	Exchange Threads	60
Cisco Presence Engine	EWS Status Frequency	60
Cisco Presence Engine	Office365 Calendar Information Pull Interval	60
Cisco RIS Data Collector	Ris Cluster Tcp Port	2555
Cisco RIS Data Collector	Ris Client Tcp Port	2556
Cisco RIS Data Collector	Ris Client Timeout	30

Service Parameters - Clusterwide Parameters (Parameters that apply to all servers)		
Service	**Parameter Name**	**Parameter Value**
Cisco RIS Data Collector	Ris Cleanup Time Ofthe Day	22:00
Cisco RIS Data Collector	Ris Unused CM Device Store Period	3
Cisco RIS Data Collector	Ris Unused CTI Device Store Period	1
Cisco RIS Data Collector	Ris Max Num Unused CTI Records	3000
Cisco RIS Data Collector	Ris TLC Throttle Enable	T
Cisco RIS Data Collector	Ris TLCIO Throttle Limit	10
Cisco RIS Data Collector	Ris TLCCPU Throttle Limit	80
Cisco RIS Data Collector	Ris TLC Throttle Poll Rate	250
Cisco RIS Data Collector	Ris TLCSFTP Keepalive Delay	5000
Cisco RIS Data Collector	Ris System Access Max Processes Threads	2500
Cisco SIP Proxy	Virtual IP Address	
Cisco SIP Proxy	SR V_ Cluster Name	
Cisco SIP Proxy	CUCM Domain	lab.test
Cisco SIP Proxy	Server Name	
Cisco SIP Proxy	Port	8081
Cisco SIP Proxy	Stateful Server	On
Cisco SIP Proxy	Server Type	Proxy
Cisco SIP Proxy	Start Servers	20
Cisco SIP Proxy	Min Spare Servers	20
Cisco SIP Proxy	Max Spare Servers	20
Cisco SIP Proxy	Max Clients	20
Cisco SIP Proxy	Max Invite Retx Count	3
Cisco SIP Proxy	Max Non Invite Retx Count	6
Cisco SIP Proxy	Max Requests Per Child	1000000
Cisco SIP Proxy	Sip Tcp Max Connect Timeout	10000
Cisco SIP Proxy	Sip Tcp Reuse Connection	Off
Cisco SIP Proxy	Persist TCP Connections	On
Cisco SIP Proxy	Shared Memory Size	512000000
Cisco SIP Proxy	Proxy Address Resolution Type	IP
Cisco SIP Proxy	Add Record Route	On
Cisco SIP Proxy	Add Transport In Record Route	t
Cisco SIP Proxy	Sip Resolve Local Contacts In Redirect Mode	Off
Cisco SIP Proxy	Recursive	On
Cisco SIP Proxy	Numeric Username Interpretation	E164_IP
Cisco SIP Proxy	Numeric Username Character Set	+0123456789.-()#*

Service Parameters - Clusterwide Parameters (Parameters that apply to all servers)		
Service	**Parameter Name**	**Parameter Value**
Cisco SIP Proxy	A Record_ IP Addr	On
Cisco SIP Proxy	Allow NAPT Rlookup	On
Cisco SIP Proxy	Transport Pref Order	TLS_TCP_UDP
Cisco SIP Proxy	Sip Route Hdr Transport Type	UDP
Cisco SIP Proxy	Diff Serv Value	0x60
Cisco SIP Proxy	Allow Sip Tls Conversion To Sip	On
Cisco SIP Proxy	Sip Tls Session Timeout	300
Cisco SIP Proxy	Max MTU Size	1300
Cisco SIP Proxy	Contact Failover_ On All But	481,487
Cisco SIP Proxy	Cisco_ Numexpand	On
Cisco SIP Proxy	Num Expand Auth User Name	On
Cisco SIP Proxy	Cisco_ Routing	On
Cisco SIP Proxy	Cisco_ Routing_ Use_ Domain_ Routing	On
Cisco SIP Proxy	Cisco_ Route_ Fail	On
Cisco SIP Proxy	Route Embed Template1	
Cisco SIP Proxy	Route Embed Template2	
Cisco SIP Proxy	Route Embed Template3	
Cisco SIP Proxy	Route Embed Template4	
Cisco SIP Proxy	Route Embed Template5	
Cisco SIP Proxy	Privacy	On
Cisco SIP Proxy	Privacy With PAI	On
Cisco SIP Proxy	Privacy With RPID	Off
Cisco SIP Proxy	Privacy With Diversion	Off
Cisco SIP Proxy	Privacy Use PAI Domain	On
Cisco SIP Proxy	Authentication	On
Cisco SIP Proxy	Method List	INVITE,REGISTER,MESSAGE,PUBLISH,NOTIFY,SUBSCRIBE
Cisco SIP Proxy	Sip T1 In Ms	500
Cisco SIP Proxy	Sip T2 In Ms	4000
Cisco SIP Proxy	Sip T3 In Ms	60000
Cisco SIP Proxy	Sip T4 In Ms	32000
Cisco SIP Proxy	Federation Routing CUPFQDN	IMP122.lab.test-public.lab.test
Cisco SIP Proxy	Default Federation Routing Domain	aol.com
Cisco SIP Proxy	Microsoft Fed Agent Headers	Microsoft,UCCAPI,LCC,RTC,UCCP
Cisco SIP Proxy	IM Gateway Status	On
Cisco SIP Proxy	IM Gateway Timeout	600
Cisco SIP Proxy	IM Gateway Err Msg	Your IM could not be delivered.
Cisco Server Recovery Manager	Service Port	21999
Cisco Server Recovery Manager	Admin Rpc Port	20075
Cisco Server Recovery Manager	Critical Service Down Delay	90
Cisco Server Recovery Manager	Enable Automatic Fallback	F

Service Parameters - Clusterwide Parameters (Parameters that apply to all servers)		
Service	**Parameter Name**	**Parameter Value**
Cisco Server Recovery Manager	Init Keep Alive Timeout	120
Cisco Server Recovery Manager	Keep Alive Timeout	60
Cisco Server Recovery Manager	Keep Alive Interval	15
Cisco Serviceability Reporter	RTMT Reporter Node	a9027b7a-785f-47f0-b8a1-42b0b1e08da9
Cisco Serviceability Reporter	RTMT Report Generation Time	30
Cisco Serviceability Reporter	RTMT Report Deletion Age	7
Cisco Sync Agent	Forced Sync	F
Cisco Sync Agent	Num Of Rows Grabbed Each Time	2000
Cisco Sync Agent	IM Presence Domains Mode	Automatic
Cisco TAPS Service	Configure TAPS	1
Cisco TAPS Service	TAPS Log File Location	/var/log/active/cm/log/taps/
Cisco Tftp	Build CNF Type	1
Cisco Tftp	Enable Bin File Caching	T
Cisco Tftp	Exit On Exception	T
Cisco Tftp	Audit Remote Files	1
Cisco Trust Verification Service	TVSTTL	24
Cisco Trust Verification Service	TVS Port	2445
Cisco WebDialer Web Service	List Of Webdialers	
Cisco WebDialer Web Service	Primary CTI Mgr	127.0.0.1
Cisco WebDialer Web Service	Sec CTI Manager	
Cisco WebDialer Web Service	User Session Expiry	0
Cisco WebDialer Web Service	Max Concurrent Call Requests	3
Cisco WebDialer Web Service	Dialog Time	15
Cisco WebDialer Web Service	Apply Dialrules On Dial	T
Cisco WebDialer Web Service	Apply Dialrules SOAP	F
Cisco WebDialer Web Service	Security Flag	0
Cisco WebDialer Web Service	Make Call Proxy API	0
Cisco Wireless Controller Synchronization Service	SNMP Request Timeout	10
Cisco Wireless Controller Synchronization Service	SNMP Request Retries	3
Cisco Wireless	SNMP Request Query	10

Service Parameters - Clusterwide Parameters (Parameters that apply to all servers)		
Service	**Parameter Name**	**Parameter Value**
Controller Synchronization Service	Size	
Cisco XCP Connection Manager	Connection Byte Limit Option	F
Cisco XCP Connection Manager	Max Accepted Packet Size	20000
Cisco XCP File Transfer Manager	Aft-extfs-freespace-lower	10
Cisco XCP File Transfer Manager	Aft-extfs-freespace-upper	15
Cisco XCP Message Archiver	Max-queue-size	100000
Cisco XCP Router	R2 R_routing_enabled	t
Cisco XCP Router	Router-db-poolsize	11
Cisco XCP Router	Max-jsmdb-requests	1000
Cisco XCP Router	Resume-jsmdb-requests	500
Cisco XCP Router	Max-sessions	10
Cisco XCP Router	Enable-stream-management	t
Cisco XCP Router	Max-stream-management-timeout	60
Cisco XCP Router	Max-stream-management-buffer-size	100
Cisco XCP Router	Stream-management-req-ack-rate	5
Cisco XCP Router	Enable-multi-device-messaging	t
Cisco XCP Router	Enable-push-ha	t
Cisco XCP SIP Federation Connection Manager	Max-sockets-sip	1000
Cisco XCP SIP Federation Connection Manager	Cm-thread-count-sip	3
Cisco XCP SIP Federation Connection Manager	Connect-attempts-sip	10
Cisco XCP SIP Federation Connection Manager	Connect-attempts-delay-secs-sip	30
Cisco XCP SIP Federation Connection Manager	Sipgw-thread-count-xmppout-messages	3
Cisco XCP SIP Federation Connection Manager	Sipgw-thread-count-sip-processing	3
Cisco XCP SIP Federation	Sipgw-max-subscriptions	200000

Service Parameters - Clusterwide Parameters (Parameters that apply to all servers)		
Service	**Parameter Name**	**Parameter Value**
Connection Manager		
Cisco XCP SIP Federation Connection Manager	Sipgw-max-im-sessions	25000
Cisco XCP Text Conference Manager	Max-db-queue-size	100000
Cisco XCP Web Connection Manager	Http-binding-path-handled	/httpbinding
Cisco XCP XMPP Federation Connection Manager	Max-sockets-xmpp	1000
Cisco XCP XMPP Federation Connection Manager	Cm-thread-count-xmpp	3
Cisco XCP XMPP Federation Connection Manager	Connect-attempts-xmpp	10
Cisco XCP XMPP Federation Connection Manager	Connect-attempts-delay-secs-xmpp	30
Cisco XCP XMPP Federation Connection Manager	Keepalive	0
Cisco XCP XMPP Federation Connection Manager	Keepalive-interval	60
Cisco XCP XMPP Federation Connection Manager	Keepalive-text	keepalive
Cisco XCP XMPP Federation Connection Manager	Xmppdin-idle-timeout-secs	3600
Cisco XCP XMPP Federation Connection Manager	Dialback-timeout	30
Cisco XCP XMPP Federation Connection Manager	Xmppdout-idle-timeout-secs	3600

2.23 Security

The Cisco IP telephony network establishes and maintains authenticated communication streams, digitally signs files before transferring the file to the phone, and encrypts media streams and call signaling between Cisco Unified IP Phones and trunks.

Implementing security mechanisms in the Cisco Unified Communications Manager (formerly Cisco Unified CallManager) system prevents identity theft of the phones and the Cisco Unified Communications Manager server, data tampering, and call-signaling/media-stream tampering.

The Cisco IP telephony network establishes and maintains authenticated communication streams, digitally signs files before transferring the file to the phone, and encrypts media streams and call signaling between Cisco Unified IP Phones.

This section contains:

- Certificates
- Phone Security Profile
- SIP Trunk Security Profile

2.23.1 Certificate

A certificate is a message that contains the certificate holder name, the public key, and the digital signature of the certificate authority that is issuing the certificate. Certificate fields are read only.

The following certificates are installed on CUCM:

Certificate	
Serial Number	**Details**
5ff87b282b54dc8d42a315b568c9adff	

Certificate Information	
Subject Name	CN=Cisco Root CA 2048, O=Cisco Systems
Issuer Name	CN=Cisco Root CA 2048, O=Cisco Systems
Version	3
Valid From Date	14/05/2004 22:17:12
Valid To Date	14/05/2029 22:25:42
Serial Number	5FF87B282B54DC8D42A315B568C9ADFF
Friendly Name	RSA
Raw Data Length	839
All details	[Version] V3 [Subject] CN=Cisco Root CA 2048, O=Cisco Systems Simple Name: Cisco Root CA 2048 DNS Name: Cisco Root CA 2048 [Issuer] CN=Cisco Root CA 2048, O=Cisco Systems Simpl e Name: Cisco Root CA 2048 DNS Name: Cisco Root CA 2048 [Serial Number] 5FF87B282B54DC8D42A 315B568C9ADFF [Not Before] 14/05/2004 22:17:12 [Not After] 14/05/2029 22:25:42 [Thumb print] DE990CED99E0431F60EDC3937E7CD5BF0ED9E5FA [Signature Algorithm] sha1RSA(1.2.840.11354 9.1.1.5) [Public Key] Algorithm: RSA Length: 2048 Key Blob: 30 82 01 08 02 82 01 01 00 b 0 9a b9 ab a7 af 0a 77 a7 e2 71 b6 b4 66 62 94 78 88 47 c6 62 55 84 40 32 bf c0 ab 2e a5 1c 71 d6 bc 6e 7b a8 aa ba 6e d2 15 88 48 45 9d a2 fc 83 d0 cc b9 8c e0 26 68 70 4a 78 df 21 17 9e f4 61 05 c9 15 c8 cf 16 da 35 61 89 94 43 a8 84 a8 31 98 78 9b b9 4e 6f 2c 53 12 6c cd 1d ad 2b 24 bb 31 c4 2b f f 83 44 6f b6 3d 24 77 09 ea bf 2a a8 1f 6a 56 f6 20 0f 11 54 97 81 75 a7 25 ce 59 6a 82 65 ef b7 ea e7 e2 8d 75 8b 6e f2 dd 4f a6 5e 62 9c cf 10 0a 64 d0 4e 6d ce 2b cc 5b f5 60 a5 27 47 8d 69 f4 7f ce 1b 70 de 70 1b 20 d6 6e cd a6 01 a8 3c 12 d2 a9 3f a0 6b 5e bb 8e 20 8b 7a 91 e3 b5 68 ee a0 e7 c 4 01 74 a8 53 0b 2b 4a 9a 0f 65 12 0e 82 4d 8e 63 fd ef eb 9b 1a db 53 a6 13 60 af c2 7d d7 c7 6c 17

Certificate	
Serial Number	**Details**
	25 d4 73 fb 47 64 50 81 80 94 4c e1 bf ae 4b 1c df 92 ed 2e 05 df 02 01 03 Parameters: 05 00 [Extensions] * Key Usage(2.5.29.15): Digital Signature, Certificate Signing, Off-line CRL Signin g, CRL Signing (86) * Basic Constraints(2.5.29.19): Subject Type=CA Path Length Constraint=No ne * Subject Key Identifier(2.5.29.14): 27f3c8151e6e9a020916ad2ba089605fda7b2faa * CA Versi on(1.3.6.1.4.1.311.21.1): V0.0
	Certificate Text: -----BEGIN CERTIFICATE----- MIIDQzCCAiugAwIBAgIQX/h7KCtU3I1CoxW1aMmt/zANBgkqhkiG9w0BAQUF ADA1 MRYwFAYDVQQKEw1DaXNjbyBTeXN0ZW1zMRswGQYDVQQDExJDaXNjb yBSb290IENB IDIwNDgwHhcNMDQwNTE0MjAxNzEyWhcNMjkwNTE0MjAyNTQyWjA1MRY wFAYDVQQK Ew1DaXNjbyBTeXN0ZW1zMRswGQYDVQQDExJDaXNjbyBSb290IENBIDIw NDgwggEg MA0GCSqGSIb3DQEBAQUAA4IBDQAwggEIAoIBAQCwmrmrp68Kd6ficba0Z mKUeIhH xmJVhEAyv8CrLqUccda8bnuoqrpu0hWISEWdovyD0My5jOAmaHBKeN8hF57 0YQXJ FcjPFto1YYmUQ6iEqDGYeJu5Tm8sUxJszR2tKyS7McQr/4NEb7Y9JHcJ6r8qq B9q VvYgDxFUl4F1pyXOWWqCZe+36ufijXWLbvLdT6ZeYpzPEApk0E5tzivMW/Vg pSdH jWn0f84bcN5wGyDWbs2mAag8EtKpP6BrXruOIIt6keO1aO6g58QBdKhTCytK mg9l Eg6CTY5j/e/rmxrbU6YTYK/CfdfHbBcl1HP7R2RQgYCUTOG/rksc35LtLgXfAg ED o1EwTzALBgNVHQ8EBAMCAYYwDwYDVR0TAQH/BAUwAwEB/zAdBgNVH Q4EFgQUJ/PI FR5umgIJFq0roIIgX9p7L6owEAYJKwYBBAGCNxUBBAMCAQAwDQYJKoZIh vcNAQEF BQADggEBAJ2dhISjQal8dwy3U8pORFBi71R803UXHOjgxkhLtv5MOhmBVrB W7hmW Yqpao2TB9k5UM8Z3/sUcuuVdJcr18JOagxEu5sv4dEX+5wW4q+ffy0vhN4Tau YuX cB7w4ovXsNgOnbFp1iqRe6lJT37mjpXYgyc81WhJDtSd9i7rp77rMKSsH0T8la sz Bvt9YAretIpjsJyp8qS5UwGH0GikJ3+r/+n6yUA4iGe0OcaEb1fJU9u6ju7AQ7L4 CYNu/2bPPu8Xs1gYJQk0XuPL1hS27PKSb3TkL4Eq1ZKR4OCXPDJoBYVL0f dX4lId kxpUnwVwwEpxYB5DC2Ae/qPOgRnhCzU= -----END CERTIFICATE-----
	Related Information
	IPv4 Address: 10.5.1.120
	IPv6 Address: < None >
	Duration in Cache: System Default
	Roles Currently Associated
	Selected Roles: < None >
	Services Currently Associated
	Selected Services: CallManager-trust CAPF-trust
61096e7d00000000000c	**Certificate Information**
	Subject Name: CN=ACT2 SUDI CA, O=Cisco
	Issuer Name: CN=Cisco Root CA 2048, O=Cisco Systems

Certificate	
Serial Number	**Details**

Version	3
Valid From Date	30/06/2011 19:56:57
Valid To Date	14/05/2029 22:25:42
Serial Number	61096E7D00000000000C
Friendly Name	RSA
Raw Data Length	1088
All details	[Version] V3 [Subject] CN=ACT2 SUDI CA, O=Cisco Simple Name: ACT2 SUDI CA DNS Name: A CT2 SUDI CA [Issuer] CN=Cisco Root CA 2048, O=Cisco Systems Simple Name: Cisco Root CA 2048 DNS Name: Cisco Root CA 2048 [Serial Number] 61096E7D00000000000C [Not Before] 30/06 /2011 19:56:57 [Not After] 14/05/2029 22:25:42 [Thumbprint] F6969BBD48E5F6125B934D01E71F E9C27C6F547E [Signature Algorithm] sha1RSA(1.2.840.113549.1.1.5) [Public Key] Algorithm: RSA Length: 2048 Key Blob: 30 82 01 0a 02 82 01 01 00 d2 6e 65 dd 31 c8 c4 0f 6d 37 f8 52 e6 a4 7f e9 46 51 a5 d7 7e f5 a1 36 25 b1 64 36 38 6d ea 07 c7 29 de 3b ec 09 12 e5 70 2d 52 ce 68 c4 3 6 15 b7 fc c4 6e c9 59 ab 7f 8b 47 aa ab a8 a2 90 56 ee 89 62 f1 f4 e5 46 0b 06 a0 a3 df cb 3b e8 d2 e4 e7 7f 74 e5 6c e9 f6 94 5c 99 10 8f b9 7f 9a ea d1 c5 fe a4 6e 3a 22 78 e2 67 5e 0d 86 68 de a3 c2 a7 1c e9 ad 62 43 3d c9 4c e2 26 0a 1e e9 8c 40 ca a6 82 68 3e c6 08 47 22 8a 16 4b cd 01 39 c7 6 2 ca 71 1b 78 fe 6b 67 ba 91 b9 ec 0a 32 99 75 4e 22 37 59 d0 4d 8d 98 e7 a5 f8 e0 eb a1 7e 3f 84 9a 0e 41 9b 05 77 46 8f 5d e8 55 e1 7e 13 21 56 2e b1 63 8f de df 2f 6f bc a1 ab 95 e3 74 2b be 77 f7 77 f1 9f a9 78 fb 7b 0f b3 fe c5 e5 5e d1 0e 8d 25 c9 51 1b 32 30 48 f9 dd 17 5d f6 d2 70 1e 4c bc 9 d e6 a9 b3 34 be af e9 1d 55 02 03 01 00 01 Parameters: 05 00 [Extensions] * Key Usage(2.5.29 .15): Digital Signature, Non-Repudiation, Certificate Signing, Off-line CRL Signing, CRL Signing (c6) * Subject Key Identifier(2.5.29.14): 48d8f1f1c270d55bbb7c730993afb8b83003f87f * Author ity Key Identifier(2.5.29.35): KeyID=27f3c8151e6e9a020916ad2ba089605fda7b2faa * CRL Distributi on Points(2.5.29.31): [1]CRL Distribution Point Distribution Point Name: Full Na me: URL=http://www.cisco.com/security/pki/crl/crca2048.crl * Authority Informatio n Access(1.3.6.1.5.5.7.1.1): [1]Authority Info Access Access Method=Certification Authority Issuer (1.3.6.1.5.5.7.48.2) Alternative Name: URL=http://www.cisco.com/security/pk i/certs/crca2048.cer * Certificate Policies(2.5.29.32): [1]Certificate Policy: Policy Id entifier=1.3.6.1.4.1.9.21.1.12.0 [1,1]Policy Qualifier Info: Policy Qualifier Id=CP S Qualifier: http://www.cisco.com/security/pki/policies/index.html * B asic Constraints(2.5.29.19): Subject Type=CA Path Length Constraint=0
Certificate Text	-----BEGIN CERTIFICATE----- MIIEPDCCAySgAwIBAgIKYQlufQAAAAAADDANBgkqhkiG9w0BAQUFADA1M RYwFAYD VQQKEw1DaXNjbyBTeXN0ZW1zMRswGQYDVQQDExJDaXNjbyBSb290IEN BIDIwNDgw HhcNMTEwNjMwMTc1NjU3WhcNMjkwNTE0MjAyNTQyWjAnMQ4wDAYDVQ QKEwVDaXNi

Certificate	
Serial Number	**Details**
	bzEVMBMGA1UEAxMMQUNUMiBTVURJIENBMIIBIjANBgkqhkiG9w0BAQEF AAOCAQ8A MIIBCgKCAQEA0m5l3THIxA9tN/hS5qR/6UZRpdd+9aE2JbFkNjht6gfHKd477 AkS 5XAtUs5oxDYVt/zEbslZq3+LR6qrqKKQVu6JYvH05UYLBqCj38s76NLk53905 Wzp 9pRcmRCPuX+a6tHF/qRuOiJ44mdeDYZo3qPCpxzprWJDPclM4iYKHumMQ Mqmgmg+ xghHIooWS80BOcdiynEbeP5rZ7qRuewKMpl1TiI3WdBNjZjnpfjg66F+P4SaDk Gb BXdGj13oVeF+EyFWLrFjj97fL2+8oauV43Qrvnf3d/GfqXj7ew+z/sXlXtEOjSXJ URsyMEj53Rdd9tJwHky8neapszS+r+kdVQIDAQABo4IBWjCCAVYwCwYDVR 0PBAQD AgHGMB0GA1UdDgQWBBRI2PHxwnDVW7t8cwmTr7i4MAP4fzAfBgNVHSM EGDAWgBQn 88gVHm6aAgkWrSugiWBf2nsvqjBDBgNVHR8EPDA6MDigNqA0hjJodHRwOi 8vd3d3 LmNpc2NvLmNvbS9zZWN1cml0eS9wa2kvY3JsL2NyY2EyMDQ4LmNybDBQ BggrBgEF BQcBAQREMEIwQAYIKwYBBQUHMAKGNGh0dHA6Ly93d3cuY2lzY28uY29t L3NlY3Vy aXR5L3BraS9jZXJ0cy9jcmNhMjA0OC5jZXIwXAYDVR0gBFUwUzBRBgorBgE EAQkV AQwAMEMwQQYIKwYBBQUHAgEWNWh0dHA6Ly93d3cuY2lzY28uY29tL3NlY 3VyaXR5 L3BraS9wb2xpY2llcy9pbmRleC5odG1sMBIGA1UdEwEB/wQIMAYBAf8CAQA wDQYJ KoZIhvcNAQEFBQADggEBAGh1qclr9tx4hzWgDERm371yeuEmqcIfi9b9+GbM SJbi ZHc/CcCl0lJu0a9zTXA9w47H9/t6leduGxb4WeLxcwCiUgvFtCa51Iklt8nNbcKY /4dw1ex+7amATUQO4QggIE67wVIPu6bgAE3Ja/nRS3xKYSnj8H5TehimBSv6 TECi i5jUhOWryAK4dVo8hCjkjEkzu3ufBTJapnv89g9OE+H3VKM4L+/KdkUO+52djF Kn hyl47d7cZR4DY4LIuFM2P1As8YyjzoNpK/urSRI14WdIlplR1nH7KNDl5618yfV P 0IFJZBGrooCRBjOSwFv8cpWCbmWdPaCQT2nwIjTfY8c= -----END CERTIFICATE-----
	Related Information
	IPv4 Address: 10.5.1.120
	IPv6 Address: < None >
	Duration in Cache: System Default
	Roles Currently Associated
	Selected Roles: < None >
	Services Currently Associated
	Selected Services: CallManager-trust CAPF-trust
6a6967b3000000000003	**Certificate Information**
	Subject Name: CN=Cisco Manufacturing CA, O=Cisco Systems
	Issuer Name: CN=Cisco Root CA 2048, O=Cisco Systems
	Version: 3
	Valid From Date: 11/06/2005 00:16:01
	Valid To Date: 14/05/2029 22:25:42

Certificate	
Serial Number	**Details**

Serial Number	6A6967B3000000000003
Friendly Name	RSA
Raw Data Length	1245
All details	[Version] V3 [Subject] CN=Cisco Manufacturing CA, O=Cisco Systems Simple Name: Cisco Man ufacturing CA DNS Name: Cisco Manufacturing CA [Issuer] CN=Cisco Root CA 2048, O=Cisco Syst ems Simple Name: Cisco Root CA 2048 DNS Name: Cisco Root CA 2048 [Serial Number] 6A6967B 3000000000003 [Not Before] 11/06/2005 00:16:01 [Not After] 14/05/2029 22:25:42 [Thumb print] E3E783D3CC9C30AEDEFFCDEB5ECFEE08FF8F1684 [Signature Algorithm] sha1RSA(1.2.840.11354 9.1.1.5) [Public Key] Algorithm: RSA Length: 2048 Key Blob: 30 82 01 08 02 82 01 01 00 a 0 c5 f7 dc 96 94 35 15 f1 f4 99 4e bb 9b 41 e1 7d db 79 16 91 bb f3 54 f2 41 4a 94 32 62 62 c9 23 f7 9a e7 bb 9b 79 e8 07 29 4e 30 f5 ae 1b c5 21 56 46 b0 f8 f4 e6 8e 81 b8 16 cc a8 9b 85 d2 42 81 db 7c cb 94 a9 11 61 12 1c 5c ea 33 20 1c 9a 16 a7 7d db 99 06 6a e2 36 af ec f8 0a ff 98 67 07 f4 30 e e a5 f8 88 1a aa e8 c7 3c 1c ce ee 48 fd cd 5c 37 f1 86 93 9e 3d 71 75 7d 34 ee 4b 14 a9 c0 29 7b 05 10 ef 87 9e 69 31 30 f5 48 36 3f d8 ab ce 15 e2 e8 58 9f 3e 62 71 04 87 26 a4 15 62 01 25 aa d5 df c9 c9 5b b8 c9 a1 07 7b be 68 92 93 93 20 a8 6c bd 15 75 d3 44 5d 45 4b ec a8 da 60 c7 d8 c8 d5 c8 e d 41 e1 f5 5f 57 8e 53 32 93 49 d5 d9 0f f8 36 aa 07 c4 32 41 c5 a7 af 1d 19 ff f6 73 99 39 5a 73 67 62 13 34 0d 1f 5e 95 70 52 64 17 06 ec 53 5c 5c db 6a ea 35 00 41 02 01 03 Parameters: 05 00 [Extensions] * Basic Constraints(2.5.29.19): Subject Type=CA Path Length Constraint=0 * Subj ect Key Identifier(2.5.29.14): d0c52226ab4f4660ecae0591c7dc5ad1b047f76c * Key Usage(2.5.29.15) : Digital Signature, Certificate Signing, Off-line CRL Signing, CRL Signing (86) * CA Version(1.3.6.1.4.1.311.21.1): V0.0 * Certificate Template Name(1.3.6.1.4.1.311.20.2): SubCA * A uthority Key Identifier(2.5.29.35): KeyID=27f3c8151e6e9a020916ad2ba089605fda7b2faa * CRL Distr ibution Points(2.5.29.31): [1]CRL Distribution Point Distribution Point Name: Fu ll Name: URL=http://www.cisco.com/security/pki/crl/crca2048.crl * Authority Infor mation Access(1.3.6.1.5.5.7.1.1): [1]Authority Info Access Access Method=Certification Auth ority Issuer (1.3.6.1.5.5.7.48.2) Alternative Name: URL=http://www.cisco.com/securi ty/pki/certs/crca2048.cer * Certificate Policies(2.5.29.32): [1]Certificate Policy: Poli cy Identifier=1.3.6.1.4.1.9.21.1.2.0 [1,1]Policy Qualifier Info: Policy Qualifier I d=CPS Qualifier: http://www.cisco.com/security/pki/policies/index.html * Enhanced Key Usage(2.5.29.37): Server Authentication (1.3.6.1.5.5.7.3.1) Client Authenticatio n (1.3.6.1.5.5.7.3.2) IP security end system (1.3.6.1.5.5.7.3.5) IP security tunnel termination (1 .3.6.1.5.5.7.3.6) IP security user (1.3.6.1.5.5.7.3.7) Microsoft Trust List Signing (1.3.6.1.4.1.3 11.10.3.1) Certificate Request Agent (1.3.6.1.4.1.311.20.2.1) Key Recovery Agent (1.3.6.1.4.1.311. 21.6)
Certificate Text	-----BEGIN CERTIFICATE----- MIIE2TCCA8GgAwIBAgIKamlnswAAAAAAAzANBgkqhkiG9w0BAQUFADA1M RYwFAYD VOOKEw1DaXNibvBTeXN0ZW1zMRswGOYDVOODExJDaXNibvBSb290IEN

Certificate	
Serial Number	**Details**
	BIDIwNDgw HhcNMDUwNjEwMjIxNjAxWhcNMjkwNTE0MjAyNTQyWjA5MRYwFAYDVQQK Ew1DaXNj byBTeXN0ZW1zMR8wHQYDVQQDExZDaXNjbyBNYW51ZmFjdHVyaW5nIEN BMIIBIDAN BgkqhkiG9w0BAQEFAAOCAQ0AMIIBCAKCAQEAoMX33JaUNRXx9JlOu5tB4 X3beRaR u/NU8kFKlDJiYskj95rnu5t56AcpTjD1rhvFIVZGsPj05o6BuBbMqJuF0kKB23zL lKkRYRIcXOozIByaFqd925kGauI2r+z4Cv+YZwf0MO6l+IgaqujHPBzO7kj9zVw 3 8YaTnj1xdX007ksUqcApewUQ74eeaTEw9Ug2P9irzhXi6FifPmJxBIcmpBViAS Wq 1d/JyVu4yaEHe75okpOTIKhsvRV100RdRUvsqNpgx9jI1cjtQeH1X1eOUzKTSd XZ D/g2qgfEMkHFp68dGf/2c5k5WnNnYhM0DR9elXBSZBcG7FNcXNtq6jUAQQIB A6OC AecwggHjMBIGA1UdEwEB/wQIMAYBAf8CAQAwHQYDVR0OBBYEFNDFIiarT 0Zg7K4F kcfcWtGwR/dsMAsGA1UdDwQEAwIBhjAQBgkrBgEEAYI3FQEEAwIBADAZBg krBgEE AYI3FAIEDB4KAFMAdQBiAEMAQTAfBgNVHSMEGDAWgBQn88gVHm6aAgk WrSugiWBf 2nsvqjBDBgNVHR8EPDA6MDigNqA0hjJodHRwOi8vd3d3LmNpc2NvLmNvbS9 zZWN1 cml0eS9wa2kvY3JsL2NyY2EyMDQ4LmNybDBQBggrBgEFBQcBAQREMEIw QAYIKwYB BQUHMAKGNGh0dHA6Ly93d3cuY2lzY28uY29tL3NlY3VyaXR5L3BraS9jZXJ0 cy9j cmNhMjA0OC5jZXIwXAYDVR0gBFUwUzBRBgorBgEEAQkVAQIAMEMwQQY IKwYBBQUH AgEWNWh0dHA6Ly93d3cuY2lzY28uY29tL3NlY3VyaXR5L3BraS9wb2xpY2llcy 9p bmRleC5odG1sMF4GA1UdJQRXMFUGCCsGAQUFBwMBBggrBgEFBQcDAg YIKwYBBQUH AwUGCCsGAQUFBwMGBggrBgEFBQcDBwYKKwYBBAGCNwoDAQYKKwYB BAGCNxQCAQYJ KwYBBAGCNxUGMA0GCSqGSIb3DQEBBQUAA4IBAQAw8zAtjPLKN0pkmS QpCvKGqkLV I+ii6itvaSN6go4cTAnPpE+rhC836WVg0ZrG2PML9d7QJwBcbx2RvdFOWFEdy eP3 OOfTC9Fovo4ipUsG4eakqjN9GnW6JvNwxmEApcN5JlunGdGTjaubEBEpH6G C/f08 S25l3JNFBemvM2tnIwcGhiLa69yHz1khQhrpz3B1iOAkPV19TpY4gJfVb/Cbcdi 6 YBmlsGGGrd1lZva5J6LuL2GbuqEwYf2+rDUU+bgtlwavw+9tzD0865XpgdOKXr bO +nmka9eiV2TEP0zJ2+iC7AFm1BCIolblPFft6QKoSJFjB6thJksaE5/k3Npf -----END CERTIFICATE-----
	Related Information
	IPv4 Address: 10.5.1.120
	IPv6 Address: < None >
	Duration in Cache: System Default
	Roles Currently Associated
	Selected Roles: < None >
	Services Currently Associated
	Selected Services: CallManager-trust CAPF-trust

Certificate	
Serial Number	**Details**
01	

Certificate Information	
Subject Name	CN=Cisco Root CA M2, O=Cisco
Issuer Name	CN=Cisco Root CA M2, O=Cisco
Version	3
Valid From Date	12/11/2012 14:00:18
Valid To Date	12/11/2037 14:00:18
Serial Number	01
Friendly Name	RSA
Raw Data Length	791
All details	[Version] V3 [Subject] CN=Cisco Root CA M2, O=Cisco Simple Name: Cisco Root CA M2 DNS Name: Cisco Root CA M2 [Issuer] CN=Cisco Root CA M2, O=Cisco Simple Name: Cisco Root CA M2 DNS Name: Cisco Root CA M2 [Serial Number] 01 [Not Before] 12/11/2012 14:00:18 [N ot After] 12/11/2037 14:00:18 [Thumbprint] 933D633A4E840DA4C28E895D900FD3118886F7A3 [Sig nature Algorithm] sha256RSA(1.2.840.113549.1.1.11) [Public Key] Algorithm: RSA Length: 2 048 Key Blob: 30 82 01 0a 02 82 01 01 00 d8 06 25 21 13 4f 8d 3a 75 7c e9 3d c8 74 41 3b 4d a0 65 f9 c2 bf 94 84 ef 6b 0b 71 87 d4 58 c2 60 32 2c ba cc ba bb 63 34 db b3 12 42 6a 79 85 86 b3 e8 7f c9 92 8b e3 a7 37 45 d3 94 83 68 65 20 db 8a d4 43 41 df ca 4c d4 d7 10 cd 68 27 95 72 4e 74 4a 54 f 5 da 71 e9 a5 af 4d 0c b1 6c 31 fb 0c de 73 82 9a 50 09 5e 0e e3 35 be ba 4e c2 ca e0 6e c8 84 2d 8a b3 ee 92 ec 04 82 e4 c7 6e 4d 18 b5 e9 64 cb 64 86 d2 f0 b8 e1 59 16 3a a6 26 48 05 ee 63 29 1e 15 83 ef 1e 79 c1 82 00 29 d4 56 8f 0a 6d c2 c8 58 39 2d 63 b8 71 80 3a e1 dc eb b3 13 52 22 05 51 47 0 0 88 87 6d ed d1 3c d7 b8 da 85 79 24 c6 2a 5d 1d f2 83 4d 81 1f a7 cd d4 19 8e ab 69 40 e6 fb 07 0a f2 8e 65 3e 6d e5 3d c1 32 ee 06 26 2d ec bb 1e b1 45 62 51 2b f0 59 17 31 72 1a cc 00 74 c3 0c bb 84 ca 73 ad 02 03 01 00 01 Parameters: 05 00 [Extensions] * Key Usage(2.5.29.15): Certific ate Signing, Off-line CRL Signing, CRL Signing (06) * Basic Constraints(2.5.29.19): Subject Ty pe=CA Path Length Constraint=None * Subject Key Identifier(2.5.29.14): c900f91f8a1fc266bda5d2 6d650e222e34c305a0
Certificate Text	-----BEGIN CERTIFICATE----- MIIDEzCCAfugAwIBAgIBATANBgkqhkiG9w0BAQsFADArMQ4wDAYDVQQKEwVDaXNj bzEZMBcGA1UEAxMQQ2lzY28gUm9vdCBDQSBNMjAeFw0xMjExMTIxMzAwMThaFw0z NzExMTIxMzAwMThaMCsxDjAMBgNVBAoTBUNpc2NvMRkwFwYDVQQDExBDaXNjbyBS b290IENBIE0yMIIBIjANBgkqhkiG9w0BAQEFAAOCAQ8AMIIBCgKCAQEA2AYlIRNP jTp1fOk9yHRBO02gZfnCv5SE72sLcYfUWMJgMiy6zLq7YzTbsxJCanmFhrPof8mS i+OnN0XTlINoZSDbitRDQd/KTNTXEM1oJ5VyTnRKVPXacemlr00MsWwx+wzec4Ka UAleDuM1vrpOwsrgbsiELYqz7pLsBILkx25NGLXpZMtkhtLwuOFZFjqmJkgF7mMn

Certificate	
Serial Number	**Details**
	HhWD7x55wYIAKdRWjwptwshYOS1juHGAOuHc67MTUiIFUUcAiIdt7dE817jahXkk xipdHfKDTYEfp83UGY6raUDm+wcK8o5lPm3lPcEy7gYmLey7HrFFYlEr8FkXMXIa zAB0wwy7hMpzrQIDAQABo0IwQDAOBgNVHQ8BAf8EBAMCAQYwDwYDVR0TAQH/BAUw AwEB/zAdBgNVHQ4EFgQUyQD5H4ofwma9pdJtZQ4iLjTDBaAwDQYJKoZIhvcNAQEL BQADggEBAHq+PI0n6M3kkhymizBuwdnWiRrDwJl19061gsiVIlm3oKhQjlkZC28W 2Q/yGSdNUE3e9G0M5nRcdPFEf4KSvFxe47N+JaOLuRA8a11dPmk73Khb7afCuujC 92jLKItwcpHPLD+6dVlzM1IZgpTtcJ7SZxR2MRsmpqn5fnsZtuKnUqLUU+pvhngz B8Hefd8V0D1soiW8xzLwSXtt8jBmm9kUXbYPpWxbkmuGtBMEh2P1fWmuImJsdnKS mvMFXmYz5Zcg4A15NG8xHVhezeAlwcOl3RDczn6V9ttEp13GcZLPoYH68I3pptmS w+Twrdtsr+6t2osJSvvaKp6YFlAHf4c= -----END CERTIFICATE-----
	Related Information
	IPv4 Address: 10.5.1.120
	IPv6 Address: < None >
	Duration in Cache: System Default
	Roles Currently Associated
	Selected Roles: < None >
	Services Currently Associated
	Selected Services: CallManager-trust CAPF-trust
02	**Certificate Information**
	Subject Name: CN=Cisco Manufacturing CA SHA2, O=Cisco
	Issuer Name: CN=Cisco Root CA M2, O=Cisco
	Version: 3
	Valid From Date: 12/11/2012 14:50:58
	Valid To Date: 12/11/2037 14:00:17
	Serial Number: 02
	Friendly Name: RSA
	Raw Data Length: 1129
	All details: [Version] V3 [Subject] CN=Cisco Manufacturing CA SHA2, O=Cisco Simple Name: Cisco Manufa cturing CA SHA2 DNS Name: Cisco Manufacturing CA SHA2 [Issuer] CN=Cisco Root CA M2, O=Cisco Simple Name: Cisco Root CA M2 DNS Name: Cisco Root CA M2 [Serial Number] 02 [Not Bef ore] 12/11/2012 14:50:58 [Not After] 12/11/2037 14:00:17 [Thumbprint] 90B2E06B7AD5DAF FCFD431872909F38137471BF8 [Signature Algorithm] sha256RSA(1.2.840.113549.1.1.11) [Public Ke

Certificate	
Serial Number	**Details**
	y] Algorithm: RSA Length: 2048 Key Blob: 30 82 01 0a 02 82 01 01 00 f4 36 4b 42 02 32 67 de 49 3d f2 15 3b c1 45 69 e9 09 4e 16 b9 48 b4 47 1e e8 2a 5b 7d 8a 5e 2d d5 1e 65 db 80 a3 e4 b4 a2 dc d3 94 9c 12 d8 19 4c 85 9b 5a 72 ef 6f 52 97 e6 5b dc 3b 9d 0a 3d cd 54 f7 7b 23 ee 84 5f fa ff d 4 c4 75 50 67 ef 9c db e4 27 d5 f8 4e a5 77 e7 c7 9e e3 e2 17 20 6e f8 70 c3 25 17 77 ef 73 a9 fb de 7b 21 da 16 c8 fb c3 f2 11 d1 d4 72 46 14 9d c9 24 a0 60 d1 44 9c 2f 82 42 c2 57 ae f7 c5 ea ff 23 e5 02 a0 61 13 16 bb 6b 6f df a9 29 99 03 4b d9 20 6d 5b 05 f5 99 63 c6 6d 49 e4 f1 2a 0d de 5b 29 d 5 fb 11 25 69 b1 ea 4c 33 18 59 ff b6 a1 bb 38 60 1e 65 20 d4 db 62 01 f2 44 44 cf e9 3f 17 af a4 ed 0f 48 77 eb 9e 0e 50 77 16 fb 59 9e 06 ef e3 72 d9 6e 30 aa 69 79 28 d5 b6 ba 1f e6 fb 7e a5 b9 02 83 48 90 00 08 ec 2f 4a 9c cd 3d f2 68 d5 ef 02 03 01 00 01 Parameters: 05 00 [Extensions] * Key Usage(2.5.29.15): Certificate Signing, Off-line CRL Signing, CRL Signing (06) * Basic Cons traints(2.5.29.19): Subject Type=CA Path Length Constraint=0 * Certificate Policies(2.5.29.32): [1]Certificate Policy: Policy Identifier=1.3.6.1.4.1.9.21.1.18.0 [1,1]Policy Quali fier Info: Policy Qualifier Id=CPS Qualifier: http://www.cisco .com/security/pki/policies/index.html * Subject Key Identifier(2.5.29.14): 7ad77995cabb482bb85 514fda3c00fbca70f9619 * CRL Distribution Points(2.5.29.31): [1]CRL Distribution Point Di stribution Point Name: Full Name: URL=http://www.cisco.com/security/pki/c rl/crcam2.crl * Authority Information Access(1.3.6.1.5.5.7.1.1): [1]Authority Info Access Access Method=Certification Authority Issuer (1.3.6.1.5.5.7.48.2) Alternative Name: URL=http://www.cisco.com/security/pki/certs/crcam2.cer [2]Authority Info Access Access Met hod=On-line Certificate Status Protocol (1.3.6.1.5.5.7.48.1) Alternative Name: URL= https://tools.cisco.com/pki/ocsp * Authority Key Identifier(2.5.29.35): KeyID=c900f91f8a1fc266 bda5d26d650e222e34c305a0
	Certificate Text -----BEGIN CERTIFICATE----- MIIEZTCCA02gAwIBAgIBAjANBgkqhkiG9w0BAQsFADArMQ4wDAYDVQQKEwVDaXNj bzEZMBcGA1UEAxMQQ2lzY28gUm9vdCBDQSBNMjAeFw0xMjExMTIxMzUwNThaFw0z NzExMTIxMzAwMTdaMDYxDjAMBgNVBAoTBUNpc2NvMSQwIgYDVQQDExtDaXNjbyBN YW51ZmFjdHVyaW5nIENBIFNIQTIwggEiMA0GCSqGSIb3DQEBAQUAA4IBDwAwggEK AoIBAQD0NktCAjJn3kk98hU7wUVp6QlOFrlItEce6CpbfYpeLdUeZduAo+S0otzT lJwS2BlMhZtacu9vUpfmW9w7nQo9zVT3eyPuhF/6/9TEdVBn75zb5CfV+E6ld+fH nuPiFyBu+HDDJRd373Op+957IdoWyPvD8hHR1HJGFJ3JJKBg0UScL4JCwleu98Xq /yPlAqBhExa7a2/fqSmZA0vZIG1bBfWZY8ZtSeTxKg3eWynV+xElabHqTDMYWf+2 obs4YB5lINTbYgHyRETP6T8Xr6TtD0h3654OUHcW+1meBu/jctluMKppeSjVtrof 5vt+pbkCg0iQAAjsL0qczT3yaNXvAgMBAAGjggGHMIIBgzAOBgNVHQ8BAf8EBAMC AQYwEgYDVR0TAQH/BAgwBgEB/wIBADBcBgNVHSAEVTBTMFEGCisGAQQBCRUBEgAw QzBBBggrBgEFBQcCARY1aHR0cDovL3d3dy5jaXNjby5jb20vc2VjdXJpdHkvcGtp L3BvbGljaWVzL2luZGV4Lmh0bWwwHQYDVR0OBBYEFHrXeZXKu0gruFUU/aPAD7yn D5YZMEEGA1UdHwQ6MDgwNqA0oDKGMGh0dHA6Ly93d3cuY2lzY28uY29tL3NlY3Vy aXR5L3BraS9jcmwvY3JlYW0vLmNvbDB8BggrBgEFBQcBAQRwMG4wPgYIK

Certificate	
Serial Number	**Details**
	wYBBQUH MAKGMmh0dHA6Ly93d3cuY2lzY28uY29tL3NlY3VyaXR5L3BraS9jZXJ0cy9jcmNh bTIuY2VyMCwGCCsGAQUFBzABhiBodHRwczovL3Rvb2xzLmNpc2NvLmNvbS9wa2kv b2NzcDAfBgNVHSMEGDAWgBTJAPkfih/CZr2l0m1lDiIuNMMFoDANBgkqhkiG9w0B AQsFAAOCAQEAc1k2rH6YT4juFxs9q7ObzfcKbNvOyDsaU7av4IHFXmn/JxfnBmUv YxAI2Hx3xRb0KtG1JGkffQjVAtBboTXynLaQso/jj46ZOubIF8y6Ho3nTAv7Q6VH kqSCdZClVu91zbHV9FFYQzJxjw1QgB0a4ItS4yhdmgl3oDNEcb3trQezrQ3/857/ ISqBGVLEbKHOu8H6zOLhxAgZ08ae1oQQQJowki0Ibd+LRLGovtEwLg8yyqiTIGve 7VFL2sRa8Z3rK9tlwKVH2kpFKNAeN3rfKFqr0/weR0cyKpmLMrSBTBZcxQcJCYF4 X6FO/32KOqcxJFIOKGVIUjvAvioOqoducw== -----END CERTIFICATE-----
	Related Information
	IPv4 Address: 10.5.1.120
	IPv6 Address: < None >
	Duration in Cache: System Default
	Roles Currently Associated
	Selected Roles: < None >
	Services Currently Associated
	Selected Services: CallManager-trust CAPF-trust
6ecc7aa5a7032009b8cebcf4e952d491	**Certificate Information**
	Subject Name: CN=VeriSign Class 3 Secure Server CA - G3, OU=Terms of use at https://www.verisign.com/rpa (c)10, OU=VeriSign Trust Network, O="VeriSign, Inc.", C=US
	Issuer Name: CN=VeriSign Class 3 Public Primary Certification Authority - G5, OU="(c) 2006 VeriSign, Inc. - For authorized use only", OU=VeriSign Trust Network, O="VeriSign, Inc.", C=US
	Version: 3
	Valid From Date: 8/02/2010 01:00:00
	Valid To Date: 8/02/2020 00:59:59
	Serial Number: 6ECC7AA5A7032009B8CEBCF4E952D491
	Friendly Name: RSA
	Raw Data Length: 1520
	All details: [Version] V3 [Subject] CN=VeriSign Class 3 Secure Server CA - G3, OU=Terms of use at https: //www.verisign.com/rpa (c)10, OU=VeriSign Trust Network, O="VeriSign, Inc.", C=US Simple Name: Ve riSign Class 3 Secure Server CA - G3 DNS Name: VeriSign Class 3 Secure Server CA - G3 [Issuer] CN=VeriSign Class 3 Public Primary Certification Authority - G5, OU="(c) 2006 VeriSign, Inc. - F

Certificate		
Serial Number	**Details**	
		or authorized use only", OU=VeriSign Trust Network, O="VeriSign, Inc.", C=US Simple Name: VeriSig n Class 3 Public Primary Certification Authority - G5 DNS Name: VeriSign Class 3 Public Primary C ertification Authority - G5 [Serial Number] 6ECC7AA5A7032009B8CEBCF4E952D491 [Not Before] 8/02/2010 01:00:00 [Not After] 8/02/2020 00:59:59 [Thumbprint] 5DEB8F339E264C19F6686F5 F8F32B54A4C46B476 [Signature Algorithm] sha1RSA(1.2.840.113549.1.1.5) [Public Key] Algor ithm: RSA Length: 2048 Key Blob: 30 82 01 0a 02 82 01 01 00 b1 87 84 1f c2 0c 45 f5 bc ab 25 9 7 a7 ad a2 3e 9c ba f6 c1 39 b8 8b ca c2 ac 56 c6 e5 bb 65 8e 44 4f 4d ce 6f ed 09 4a d4 af 4e 10 9c 68 8b 2e 95 7b 89 9b 13 ca e2 34 34 c1 f3 5b f3 49 7b 62 83 48 81 74 d1 88 78 6c 02 53 f9 bc 7f 43 26 57 58 33 83 3b 33 0a 17 b0 d0 4e 91 24 ad 86 7d 64 12 dc 74 4a 34 a1 1d 0a ea 96 1d 0b 15 fc a3 4 b 3b ce 63 88 d0 f8 2d 0c 94 86 10 ca b6 9a 3d ca eb 37 9c 00 48 35 86 29 50 78 e8 45 63 cd 19 41 4f f5 95 ec 7b 98 d4 c4 71 b3 50 be 28 b3 8f a0 b9 53 9c f5 ca 2c 23 a9 fd 14 06 e8 18 b4 9a e8 3c 6e 81 fd e4 cd 35 36 b3 51 d3 69 ec 12 ba 56 6e 6f 9b 57 c5 8b 14 e7 0e c7 9c ed 4a 54 6a c9 4d c5 bf 1 1 b1 ae 1c 67 81 cb 44 55 33 99 7f 24 9b 3f 53 45 7f 86 1a f3 3c fa 6d 7f 81 f5 b8 4a d3 f5 85 37 1c b5 a6 d0 09 e4 18 7b 38 4e fa 0f 02 03 01 00 01 Parameters: 05 00 [Extensions] * Authority I nformation Access(1.3.6.1.5.5.7.1.1): [1]Authority Info Access Access Method=On-line Certif icate Status Protocol (1.3.6.1.5.5.7.48.1) Alternative Name: URL=http://ocsp.verisi gn.com * Basic Constraints(2.5.29.19): Subject Type=CA Path Length Constraint=0 * Certific ate Policies(2.5.29.32): [1]Certificate Policy: Policy Identifier=2.16.840.1.113733.1.7.23. 3 [1,1]Policy Qualifier Info: Policy Qualifier Id=CPS Qualifier: https://www.verisign.com/cps [1,2]Policy Qualifier Info: Policy Qualifier Id=User Notice Qualifier: Notice Text=https://www.verisign.com/rpa * C RL Distribution Points(2.5.29.31): [1]CRL Distribution Point Distribution Point Name: Full Name: URL=http://crl.verisign.com/pca3-g5.crl * Key Usage(2.5.29.15): Certificate Signing, Off-line CRL Signing, CRL Signing (06) * Logotype(1.3.6.1.5.5.7.1.12): 30 5f a1 5d a0 5b 30 59 30 57 30 55 16 09 69 6d 61 67 65 2f 67 69 66 30 21 30 1f 30 07 06 05 2b 0e 03 02 1a 04 14 8f e5 d3 1a 86 ac 8d 8e 6b c3 cf 80 6a d4 48 18 2c 7b 19 2e 30 25 16 23 68 74 74 70 3 a 2f 2f 6c 6f 67 6f 2e 76 65 72 69 73 69 67 6e 2e 63 6f 6d 2f 76 73 6c 6f 67 6f 2e 67 69 66 * Subje ct Alternative Name(2.5.29.17): Directory Address: CN=VeriSignMPKI-2-6 * Subject Key Iden tifier(2.5.29.14): 0d445c165344c1827e1d20ab25f40163d8be79a5 * Authority Key Identifier(2.5.29. 35): KeyID=7fd365a7c2ddecbbf03009f34339fa02af333133
	Certificate Text	-----BEGIN CERTIFICATE----- MIIF7DCCBNSgAwIBAgIQbsx6pacDIAm4zrz06VLUkTANBgkqhkiG9w0BAQUFADCB yjELMAkGA1UEBhMCVVMxFzAVBgNVBAoTDlZlcmlTaWduLCBJbmMuMR8wHQYDVQQL ExZWZXJpU2lnbiBUcnVzdCBOZXR3b3JrMTowOAYDVQQLEzEoYykgMjAwNiBWZXJp U2lnbiwgSW5jLiAtIEZvciBhdXRob3JpemVkIHVzZSBvbmx5MUUwQwYDVQQDEzxW ZXJpU2lnbiBDbGFzcyAzIFB1YmxpYyBQcmltYXJ5IENlcnRpZmljYXRpb24gQXV0 aG9yaXR5IC0gRzUwHhcNMTAwMjA4MDAwMDAwWhcNMjAwMjA3MjM1OTU5WjCBtTEL MAkGA1UEBhMCVVMxFzAVBgNVBAoTDlZlcmlTaWduLCBJbmMuMR8wHQYDVQQLExZW

Certificate	
Serial Number	**Details**
	ZXJpU2lnbiBUcnVzdCBOZXR3b3JrMTswOQYDVQQLEzJUZXJtcyBvZiB1c2UgYXQg aHR0cHM6Ly93d3cudmVyaXNpZ24uY29tL3JwYSAoYykxMDEvMC0GA1UEAxMmVmVy aVNpZ24gQ2xhc3MgMyBTZWN1cmUgU2VydmVyIENBIC0gRzMwggEiMA0GCSqGSIb3 DQEBAQUAA4IBDwAwggEKAoIBAQCxh4QfwgxF9byrJZenraI+nLr2wTm4i8rCrFbG 5btljkRPTc5v7QlK1K9OEJxoiy6Ve4mbE8riNDTB81vzSXtig0iBdNGIeGwCU/m8 f0MmV1gzgzszChew0E6RJK2GfWQS3HRKNKEdCuqWHQsV/KNLO85jiND4LQyUhhDK tpo9yus3nABINYYpUHjoRWPNGUFP9ZXse5jUxHGzUL4os4+guVOc9cosI6n9FAbo GLSa6Dxugf3kzTU2s1HTaewSulZub5tXxYsU5w7HnO1KVGrJTcW/EbGuHGeBy0RV M5l/JJs/U0V/hhrzPPptf4H1uErT9YU3HLWm0AnkGHs4TvoPAgMBAAGjggHfMIIB 2zA0BggrBgEFBQcBAQQoMCYwJAYIKwYBBQUHMAGGGGh0dHA6Ly9vY3NwLnZlcmlz aWduLmNvbTASBgNVHRMBAf8ECDAGAQH/AgEAMHAGA1UdIARpMGcwZQYLYIZIAYb4 RQEHFwMwVjAoBggrBgEFBQcCARYcaHR0cHM6Ly93d3cudmVyaXNpZ24uY29tL2Nw czAqBggrBgEFBQcCAjAeGhxodHRwczovL3d3dy52ZXJpc2lnbi5jb20vcnBhMDQG A1UdHwQtMCswKaAnoCWGI2h0dHA6Ly9jcmwudmVyaXNpZ24uY29tL3BjYTMtZzUu Y3JsMA4GA1UdDwEB/wQEAwIBBjBtBggrBgEFBQcBDARhMF+hXaBbMFkwVzBVFglp bWFnZS9naWYwITAfMAcGBSsOAwIaBBSP5dMahqyNjmvDz4Bq1EgYLHsZLjAlFiNo dHRwOi8vbG9nby52ZXJpc2lnbi5jb20vdnNsb2dvLmdpZjAoBgNVHREEITAfpB0w GzEZMBcGA1UEAxMQVmVyaVNpZ25NUEtJLTItNjAdBgNVHQ4EFgQUDURcFlNEwYJ+ HSCrJfQBY9i+eaUwHwYDVR0jBBgwFoAUf9Nlp8Ld7LvwMAnzQzn6Aq8zMTMwDQYJ KoZIhvcNAQEFBQADggEBAAyDJO/dwwzZWJz+NrbrioBL0aP3nfPMU++CnqOh5pfB WJ11bOAdG0z60cEtBcDqbrIicFXZIDNAMwfCZYP6j0M3m+oOmmxw7vacgDvZN/R6 bezQGH1JSsqZxxkoor7YdyT3hSaGbYcFQEFn0Sc67dxIHSLNCwuLvPSxe/20majp dirhGi2HbnTTiN0eIsbfFrYrghQKlFzyUOyvzv9iNw2tZdMGQVPtAhTItVgooazgW+yzf5VK+wPIrSbb5mZ4EkrZn0L74ZjmQoObj49nJOhhGbXdzbULJgWOw27EyHW4 Rs/iGAZeqa6ogZpHFt4MKGwlJ7net4RYxh84HqTEy2Y= -----END CERTIFICATE-----
	Related Information
	IPv4 Address: 10.5.1.120
	IPv6 Address: < None >
	Duration in Cache: System Default
	Roles Currently Associated
	Selected Roles: Application Server
	Services Currently Associated
	Selected Services: tomcat-trust
66d0ba70cada832052416305d24ba30c	**Certificate Information**

Certificate	
Serial Number	**Details**

Subject Name	L=test, S=test, CN=CAPF-b0e62bc6, OU=test, O=test, C=US
Issuer Name	L=test, S=test, CN=CAPF-b0e62bc6, OU=test, O=test, C=US
Version	3
Valid From Date	14/09/2019 17:00:41
Valid To Date	12/09/2024 17:00:40
Serial Number	66D0BA70CADA832052416305D24BA30C
Friendly Name	RSA
Raw Data Length	935
All details	[Version] V3 [Subject] L=test, S=test, CN=CAPF-b0e62bc6, OU=test, O=test, C=US Simple Na me: CAPF-b0e62bc6 DNS Name: CAPF-b0e62bc6 [Issuer] L=test, S=test, CN=CAPF-b0e62bc6, OU=tes t, O=test, C=US Simple Name: CAPF-b0e62bc6 DNS Name: CAPF-b0e62bc6 [Serial Number] 66D0B A70CADA832052416305D24BA30C [Not Before] 14/09/2019 17:00:41 [Not After] 12/09/2024 17:0 0:40 [Thumbprint] D3297E71E54D6CA2913CB462BF2EE188A0B8E381 [Signature Algorithm] sha256R SA(1.2.840.113549.1.1.11) [Public Key] Algorithm: RSA Length: 2048 Key Blob: 30 82 01 0a 02 82 01 01 00 ce c6 35 df 72 d7 b5 d1 ef 90 c5 6d 41 63 dc 65 be 27 d1 f2 16 79 0a ed 5e e5 4f 1a d3 ec 2f d9 f0 35 e4 5a 1c 25 55 a9 8f a4 d7 dd d2 6f 3c 7f 2f 5e cf ae 8a 3c d3 44 cf b0 d9 ef 04 7 1 04 25 be 85 81 ff f8 f1 6e 61 57 9c 57 28 91 94 b4 ca 93 e1 a9 a7 e0 c5 87 8f e1 66 30 81 48 df 3c 87 b7 74 c6 db e0 04 f7 ef 70 5c bd 9c 00 26 21 df 67 a7 31 22 cb 05 7e 57 7a 40 af 7c 1b ab 5d d7 b9 f7 72 c0 c8 97 b8 9f 83 60 cf 1c cd 6b 27 76 12 eb bb ea 32 ac 34 fa 3f b7 1f 25 9b c2 30 62 9d 5 3 5b ce ed f0 b0 b8 4f ad 54 2d 1e 43 3f 0b 0d b5 b0 61 ea d4 1f 27 67 56 8a f0 9f fa 50 18 52 00 a4 8a aa 0c 29 68 30 c0 c0 99 45 08 70 03 7a eb 46 c8 2a ee 6e e2 1f 34 26 34 a8 4b aa 83 31 cc 10 0a 10 e4 cf a0 17 72 5a 9c 2a 88 07 e1 97 0c 06 8c 69 74 eb 26 51 5c 6f ed 84 da 4e 1f 02 03 01 00 01 Parameters: 05 00 [Extensions] * Key Usage(2.5.29.15): Digital Signature, Key Encipherment, Certificate Signing (a4) * Enhanced Key Usage(2.5.29.37): Server Authentication (1.3.6.1.5.5. 7.3.1) * Subject Key Identifier(2.5.29.14): c48bcbbcf90b5b82e85a08bebf0a5c6eb7bc1ae6 * Basi c Constraints(2.5.29.19): Subject Type=CA Path Length Constraint=0
Certificate Text	-----BEGIN CERTIFICATE----- MIIDozCCAougAwIBAgIQZtC6cMragyBSQWMF0kujDDANBgkqhkiG9w0BAQsFADBh MQswCQYDVQQGEwJVUzENMAsGA1UECgwEdGVzdDENMAsGA1UECwwEdGVzdDEWMBQG A1UEAwwNQ0FQRi1iMGU2MmJjNjENMAsGA1UECAwEdGVzdDENMAsGA1UEBwwEdGVz dDAeFw0xOTA5MTQxNTAwNDFaFw0yNDA5MTIxNTAwNDBaMGExCzAJBgNVBAYTAlVT MQ0wCwYDVQQKDAR0ZXN0MQ0wCwYDVQQLDAR0ZXN0MRYwFAYDVQQDDA1DQVBGLWIw ZTYyYmM2MQ0wCwYDVQQIDAR0ZXN0MQ0wCwYDVQQHDAR0ZXN0MIIBIjANBgkqhkiG 9w0BAQEFAAOCAQ8AMIIBCgKCAQEAzsY133LXtdHvkMVtQWPcZb4n0flWeOrtXuVP

Certificate	
Serial Number	**Details**
	GtPsL9nwNeRaHCVVqY+k193Sbzx/L17Proo800TPsNnvBHEEJb6Fgf/48W5hV5xX KJGUtMqT4amn4MWHj+FmMIFI3zyHt3TG2+AE9+9wXL2cACYh32enMSLLBX5XekCv fBurXde593LAyJe4n4NgzxzNayd2Euu76jKsNPo/tx8lm8IwYp1TW87t8LC4T61U LR5DPwsNtbBh6tQfJ2dWivCf+lAYUgCkiqoMKWgwwMCZRQhwA3rrRsgq7m7iHzQm NKhLqoMxzBAKEOTPoBdyWpwqiAfhlwwGjGl06yZRXG/thNpOHwIDAQABo1cwVTAL BgNVHQ8EBAMCAqQwEwYDVR0lBAwwCgYIKwYBBQUHAwEwHQYDVR0OBBYEFMSLy7z5 C1uC6FoIvr8KXG63vBrmMBIGA1UdEwEB/wQIMAYBAf8CAQAwDQYJKoZIhvcNAQEL BQADggEBAIZhIZaUPvh7VObxfFZ6WKuP1ubb2Tbk0OSbrtcIUZcp61PY6a89C9sN 5wqlslVAax+4MT5nGac2opCKtKtKEQmqbwxJWJVHLtcUlnIcWYnNdVwiy1c8i7p5 sz3P0lk9mZSOYT5aMJk7emGU3PuG0Aj5mvI5Aw09/+QtSVvblU7fE6UnjIYB3KLs /S/8cgQb3jM0FPTRonyG5rHsZw4kYfRjzy3C8MDZ+hpL/M8Vew9rGkEU6J0w5t2r 7yqMW1XQKqRYn2Mvgim4WYA5LUUFrK2V1GooPMNEqpRYT9tnCWPDxmMXKXA2dh66 LO4nqY3HxYV9SrM91/gloGf1sTtXFLU= -----END CERTIFICATE-----
	Related Information
	IPv4 Address: 10.5.1.120
	IPv6 Address: < None >
	Duration in Cache: System Default
	Roles Currently Associated
	Selected Roles: CAPF
	Services Currently Associated
	Selected Services: CallManager-trust CAPF CAPF-trust
49c9e9d693967498272f13d27e93c6a9	**Certificate Information**
	Subject Name: L=test, S=test, CN=CUCM120, OU=test, O=test, C=US
	Issuer Name: L=test, S=test, CN=CUCM120, OU=test, O=test, C=US
	Version: 3
	Valid From Date: 14/09/2019 17:06:00
	Valid To Date: 12/09/2024 17:05:59
	Serial Number: 49C9E9D693967498272F13D27E93C6A9
	Friendly Name: RSA
	Raw Data Length: 933
	All: [Version] V3 [Subject] L=test, S=test, CN=CUCM120, OU=test, O=test, C=US

Certificate		
Serial Number	**Details**	
	details	Simple Name: CU CM120 DNS Name: CUCM120 [Issuer] L=test, S=test, CN=CUCM120, OU=test, O=test, C=US Simpl e Name: CUCM120 DNS Name: CUCM120 [Serial Number] 49C9E9D693967498272F13D27E93C6A9 [Not Before] 14/09/2019 17:06:00 [Not After] 12/09/2024 17:05:59 [Thumbprint] 82E4D68A3CEB 254814B0C971DBF8A0B0FFEB7BA2 [Signature Algorithm] sha256RSA(1.2.840.113549.1.1.11) [Public Key] Algorithm: RSA Length: 2048 Key Blob: 30 82 01 0a 02 82 01 01 00 a1 79 e7 d1 05 c1 f4 66 f6 f2 4d 66 87 99 e2 c0 10 10 12 70 1f 7e 19 03 a0 9b 09 4a 90 36 d1 4e bf 0a e2 52 5f e5 61 e0 4c f0 a2 2f cc 57 00 73 93 cc 72 c1 22 be 92 40 af f9 20 a7 6b eb 80 79 e1 95 07 4a 4d 10 88 09 89 f 1 6f d3 8d 83 01 f7 31 84 58 b8 98 2e bb 27 1e 38 31 1e b9 5b 18 28 c4 f4 28 1f e9 8a 33 10 b2 d6 84 65 4b 10 4c 95 09 eb 2d b5 f0 3b b6 71 3e 43 9a 37 9f 4a 14 88 14 2d 3b bd 3a 4b 81 d0 94 d6 7c 1b 21 dc 20 18 2d 38 d2 3c de 2d 24 dd 1b 84 44 fc 27 80 03 0f 28 5b 0e dd f9 24 38 1e b0 22 d2 ae 7c e e 4e 01 bf 65 02 10 84 89 a8 d0 86 9e 1e c7 de 10 89 4d 33 7e a6 d4 ab 4b 8b 7f 28 54 ed 8f 70 22 60 18 42 27 f7 f6 81 a7 48 23 6f 6b c5 c9 bf 98 6c 26 8c f5 9b 73 a2 4b 33 ab 69 13 20 c5 19 60 96 b0 e1 5a 64 76 e0 dd e1 65 cf 71 5f 35 c7 f8 bc 93 02 03 01 00 01 Parameters: 05 00 [Extensions] * Key Usage(2.5.29.15): Digital Signature, Key Encipherment, Data Encipherment, Certificate Sign ing (b4) * Enhanced Key Usage(2.5.29.37): Server Authentication (1.3.6.1.5.5.7.3.1) Client Au thentication (1.3.6.1.5.5.7.3.2) * Subject Key Identifier(2.5.29.14): 82aa1d3800b133955ea309c1 d1d5e6658a5f648a * Basic Constraints(2.5.29.19): Subject Type=CA Path Length Constraint=0
	Certificate Text	-----BEGIN CERTIFICATE----- MIIDoTCCAomgAwIBAgIQScnp1pOWdJgnLxPSfpPGqTANBgkqhkiG9w0BAQsFADBb MQswCQYDVQQGEwJVUzENMAsGA1UECgwEdGVzdDENMAsGA1UECwwEdGVzdDEQMA4G A1UEAwwHQ1VDTTEyMDENMAsGA1UECAwEdGVzdDENMAsGA1UEBwwEdGVzdDAeFw0x OTA5MTQxNTA2MDBaFw0yNDA5MTIxNTA1NTlaMFsxCzAJBgNVBAYTAlVTMQ0wCwYD VQQKDAR0ZXN0MQ0wCwYDVQQLDAR0ZXN0MRAwDgYDVQQDDAdDVUNNMTIwMQ0wCwYD VQQIDAR0ZXN0MQ0wCwYDVQQHDAR0ZXN0MIIBIjANBgkqhkiG9w0BAQEFAAOCAQ8A MIIBCgKCAQEAoXnn0QXB9Gb28k1mh5niwBAQEnAffhkDoJsJSpA20U6/CuJSX+Vh 4Ezwoi/MVwBzk8xywSK+kkCv+SCna+uAeeGVB0pNEIgJifFv042DAfcxhFi4mC67 Jx44MR65WxgoxPQoH+mKMxCy1oRlSxBMlQnrLbXwO7ZxPkOaN59KFIgULTu9OkuB 0JTWfBsh3CAYLTjSPN4tJN0bhET8J4ADDyhbDt35JDgesCLSrnzuTgG/ZQIQhlmo 0IaeHsfeEIlNM36m1KtLi38oVO2PcCJgGEIn9/aBp0gjb2vFyb+YbCaM9Ztzokszq2kTIMUZYJaw4VpkduDd4WXPcV81x/i8kwIDAQABo2EwXzALBgNVHQ8EBAMCArQw HQYDVR0lBBYwFAYIKwYBBQUHAwEGCCsGAQUFBwMCMB0GA1UdDgQWBBSCqh04ALEz lV6jCcHR1eZlil9kijASBgNVHRMBAf8ECDAGAQH/AgEAMA0GCSqGSIb3DQEBCwUA A4IBAQA0b+iQ9UhP7h9nBuIJE73FAtbCZ0R5DCEw2fc/pbH/zMwm8fYi35MZw1dx 6FAK7jGLRh5n1UjhawrY+6eWJhlrd424pNjZcG5pka2XSJoaiFiTg03ZIgRzJqyFU9iIQUgJif90oI4ljQnLa9SIMKFn+sfSS1xtYo03CDm0pdaiYASx/BMYyu8mU0wF fs6MCO/Vu+nEmCwC8wr3Mjw4/SZd2R9fhSpm1Z2i2rg4icVpAzm4GtLNc8cHPOiI

Certificate	
Serial Number	**Details**
	4naHBzSv9cEXdiDFXDWCwTfDJZx7HXdbXHKGobi3DRf1oNPuhPIKacVcp2rpbOpa DyM9WiOnu+qqnduOZGay0YS3CPYb -----END CERTIFICATE-----
	Related Information
	IPv4 Address: 10.5.1.120
	IPv6 Address: < None >
	Duration in Cache: System Default
	Roles Currently Associated
	Selected Roles: Application Server
	Services Currently Associated
	Selected Services: tomcat tomcat-trust
5b93a55c3bbc20013953b9ab92ef6e31	**Certificate Information**
	Subject Name: L=test, S=test, CN=CUCM120, OU=test, O=test, C=US
	Issuer Name: L=test, S=test, CN=CUCM120, OU=test, O=test, C=US
	Version: 3
	Valid From Date: 14/09/2019 17:00:34
	Valid To Date: 12/09/2024 17:00:33
	Serial Number: 5B93A55C3BBC20013953B9AB92EF6E31
	Friendly Name: RSA
	Raw Data Length: 933
	All details: [Version] V3 [Subject] L=test, S=test, CN=CUCM120, OU=test, O=test, C=US Simple Name: CU CM120 DNS Name: CUCM120 [Issuer] L=test, S=test, CN=CUCM120, OU=test, O=test, C=US Simpl e Name: CUCM120 DNS Name: CUCM120 [Serial Number] 5B93A55C3BBC20013953B9AB92EF6E31 [Not Before] 14/09/2019 17:00:34 [Not After] 12/09/2024 17:00:33 [Thumbprint] 8DEED64D81E9 999C78B7A555FDC183CF397853E7 [Signature Algorithm] sha256RSA(1.2.840.113549.1.1.11) [Public Key] Algorithm: RSA Length: 2048 Key Blob: 30 82 01 0a 02 82 01 01 00 db 9b c1 45 70 ce 39 af 55 41 92 ab 4e c8 27 7a 51 6f 69 cc b9 a4 e3 c3 42 b1 75 0c de 09 7f 39 c7 17 ec d0 87 7d 70 19 8d 2c 99 5c 51 13 19 7b e1 73 73 a0 b5 d0 cf 02 cb 2e aa d0 f4 37 c0 7e db 7c e2 59 fb dd 2a b0 dc 2 d 9b fd f3 56 d4 23 17 08 56 22 ce c9 b0 9a 9c a9 f7 7c 43 a6 d4 a7 1a 92 2c 5d 01 91 8c 6a 7c 49 28 57 63 4d 02 20 01 5f 9b 97 f9 31 84 86 32 1c 64 6a 5d ac aa 61 34 e4 49 b7 06 c5 e4 61 c9 e1 25 e7 77 1e 97 b9 64 ea f9 31 6f 26 c0 4f 48 6b 3e 83 f6 91 58 36 80 11 a1 15 4f af 96 98 1c 76 3f fd 8b 1 e ee 1d 04 05 93 2f e3 47 ca f1 50 f7 e3 af 63 89 25 07 a5 5b 3a 88 17 3f 58

Certificate	
Serial Number	**Details**
	5e 19 2f 65 6e c7 b0 df a2 07 08 e8 11 aa 8a f0 03 0b 8c ee 68 f5 49 1f 06 36 f3 68 a3 bc 20 df 2d 5a 43 e8 2b 02 a2 1f 36 d0 e5 46 37 c6 78 6b 13 fb 41 76 38 09 f0 a0 0d 02 03 01 00 01 Parameters: 05 00 [Extensions] * Key Usage(2.5.29.15): Digital Signature, Key Encipherment, Data Encipherment, Certificate Sign ing (b4) * Enhanced Key Usage(2.5.29.37): Server Authentication (1.3.6.1.5.5.7.3.1) Client Au thentication (1.3.6.1.5.5.7.3.2) * Subject Key Identifier(2.5.29.14): f32c36f326c3fb66627492e0 19e5a11f50044268 * Basic Constraints(2.5.29.19): Subject Type=CA Path Length Constraint=0
	Certificate Text: -----BEGIN CERTIFICATE----- MIIDoTCCAomgAwIBAgIQW5OlXDu8IAE5U7mrku9uMTANBgkqhkiG9w0BAQsFADBb MQswCQYDVQQGEwJVUzENMAsGA1UECgwEdGVzdDENMAsGA1UECwwEdGVzdDEQMA4G A1UEAwwHQ1VDTTEyMDENMAsGA1UECAwEdGVzdDENMAsGA1UEBwwEdGVzdDAeFw0x OTA5MTQxNTAwMzRaFw0yNDA5MTIxNTAwMzNaMFsxCzAJBgNVBAYTAlVTMQ0wCwYD VQQKDAR0ZXN0MQ0wCwYDVQQLDAR0ZXN0MRAwDgYDVQQDDAdDVUNNMTIwMQ0wCwYD VQQIDAR0ZXN0MQ0wCwYDVQQHDAR0ZXN0MIIBIjANBgkqhkiG9w0BAQEFAAOCAQ8A MIIBCgKCAQEA25vBRXDOOa9VQZKrTsgnelFvacy5pOPDQrF1DN4JfznHF+zQh31w GY0smVxRExl74XNzoLXQzwLLLqrQ9DfAftt84ln73Sqw3C2b/fNW1CMXCFYizsmw mpyp93xDptSnGpIsXQGRjGp8SShXY00CIAFfm5f5MYSGMhxkal2sqmE05Em3BsXk YcnhJed3Hpe5ZOr5MW8mwE9Iaz6D9pFYNoARoRVPr5aYHHY//Yse7h0EBZMv40fK 8VD3469jiSUHpVs6iBc/WF4ZL2Vux7DfogcI6BGqivADC4zuaPVJHwY282ijvCDf LVpD6CsCoh820OVGN8Z4axP7QXY4CfCgDQIDAQABo2EwXzALBgNVHQ8EBAMCArQw HQYDVR0lBBYwFAYIKwYBBQUHAwEGCCsGAQUFBwMCMB0GA1UdDgQWBBTzLDbzJsP7 ZmJ0kuAZ5aEfUARCaDASBgNVHRMBAf8ECDAGAQH/AgEAMA0GCSqGSIb3DQEBCwUA A4IBAQC1EBzO4KawhDvjmXwyfWZGyBbTGo37injXRH7c8NqngOkD9HbEvWN9IftD u/GaFhJ8pr86EB4JON+qXk48S2nFreqmNF0kmFbYVc8pUqF02OFo/aYUN5DXzkeE bjtGUJfmuoWWqV30JOY+cGYC9nIvuYgzL+OdlLLgPqMzmrGHXrRJoSbr3MKP6PHW eD8xK8yj4OqfF+Ju9sJs3h9BokvQrGL7C8MDkPPfHTM2IXbnNk2dUtRW5kIAgboq tEcOw0Qk9G74vR+z7ZDph2UVYj9qzTVA+0ha9TI3Exm/hDmcVrLWtx9lQONa/Wht RxdldTjwHTtJnaLdV0IXc7X6IX6I -----END CERTIFICATE-----
	Related Information
	IPv4 Address: 10.5.1.120
	IPv6 Address: < None >
	Duration in Cache: System Default
	Roles Currently Associated
	Selected Roles: CallManagerTFTP SAST

Certificate	
Serial Number	**Details**
	Services Currently Associated
	Selected Services: CallManager
6441adef5a173b330ebe6e8b6c505b53	**Certificate Information**
	Subject Name: L=test, S=test, CN=CUCM120, OU=test, O=test, C=US
	Issuer Name: L=test, S=test, CN=CUCM120, OU=test, O=test, C=US
	Version: 3
	Valid From Date: 14/09/2019 17:00:45
	Valid To Date: 12/09/2024 17:00:44
	Serial Number: 6441ADEF5A173B330EBE6E8B6C505B53
	Friendly Name: RSA
	Raw Data Length: 933
	All details: [Version] V3 [Subject] L=test, S=test, CN=CUCM120, OU=test, O=test, C=US Simple Name: CU CM120 DNS Name: CUCM120 [Issuer] L=test, S=test, CN=CUCM120, OU=test, O=test, C=US Simpl e Name: CUCM120 DNS Name: CUCM120 [Serial Number] 6441ADEF5A173B330EBE6E8B6C505B53 [Not Before] 14/09/2019 17:00:45 [Not After] 12/09/2024 17:00:44 [Thumbprint] A45F25A5F859 7EBA21AEAB82DB094D87104D5588 [Signature Algorithm] sha256RSA(1.2.840.113549.1.1.11) [Public Key] Algorithm: RSA Length: 2048 Key Blob: 30 82 01 0a 02 82 01 01 00 a7 3e 27 08 33 1d ed 5f e4 d7 b5 81 10 e7 d7 32 31 98 03 eb fb 05 9f 94 36 6f 5a 19 b8 1d 5c 88 25 da 67 80 ea 03 95 63 c0 31 bc 0e 4f 8d 96 6a 4e 3d 38 9e 37 0f bb 66 7e c8 05 6a 70 23 12 dc 33 44 85 8b 18 9c 3f 16 a6 c 0 78 79 d1 a8 bd b4 64 b4 e1 f7 d0 aa 87 15 e8 52 90 d1 ca 04 ef 4c 18 34 9d 33 f5 ff 65 bd 4d b9 fc 96 60 e7 58 2c 13 3e b8 e7 2d 39 2c 4b d0 84 3b c0 8f a4 e7 aa 53 a1 de b5 c4 5b 48 34 aa f3 19 a1 23 18 86 a2 53 ab 22 fc 78 f5 b9 2b a2 fb 0f 7b 70 a4 f5 ac 36 9f 40 91 52 c8 79 c2 aa fb d8 96 4b 0 a 81 77 14 f7 e1 a1 15 9f a8 f2 e1 da 81 f6 19 f6 46 07 bb ff 3e c3 77 d4 c5 cf 25 1b f0 12 3d 0a 2d 7b c4 47 7c ef 85 78 15 c7 1c 8f 11 4b d8 f8 97 8e ad 01 64 e3 17 fd 04 94 c3 f6 6b 36 4a 08 af 48 ef 3d c8 46 9f 5d ce 55 f1 26 42 62 7b 2f 6e 0d 02 03 01 00 01 Parameters: 05 00 [Extensions] * Key Usage(2.5.29.15): Digital Signature, Key Encipherment, Data Encipherment, Certificate Sign ing (b4) * Enhanced Key Usage(2.5.29.37): Server Authentication (1.3.6.1.5.5.7.3.1) Client Au thentication (1.3.6.1.5.5.7.3.2) * Subject Key Identifier(2.5.29.14): 186ebbe924245925819f1570 9df370e99ef64173 * Basic Constraints(2.5.29.19): Subject Type=CA Path Length Constraint=0
	Certificate Text: -----BEGIN CERTIFICATE----- MIIDoTCCAomgAwIBAgIQZEGt71oXOzMOvm6LbFBbUzANBgkqhkiG9w0BAQsFADBb MQswCQYDVQQGEwJVUzENMAsGA1UECgwEdGVzdDENMAsGA1UECwwEdGVzdDEQMA4G A1UEAwwHQ1VDTTEvMDENMAsGA1UECAwEdGVzdDENMAsGA1UEBwwE

Certificate	
Serial Number	**Details**
	dGVzdDAeFw0x OTA5MTQxNTAwNDVaFw0yNDA5MTIxNTAwNDRaMFsxCzAJBgNVBAYTAlVTMQ0wCwYD VQQKDAR0ZXN0MQ0wCwYDVQQLDAR0ZXN0MRAwDgYDVQQDDAdDVUNNMTIwMQ0wCwYD VQQIDAR0ZXN0MQ0wCwYDVQQHDAR0ZXN0MIIBIjANBgkqhkiG9w0BAQEFAAOCAQ8A MIIBCgKCAQEApz4nCDMd7V/k17WBEOfXMjGYA+v7BZ+UNm9aGbgdXIgI2meA6gOV Y8AxvA5PjZZqTj04njcPu2Z+yAVqcCMS3DNEhYsYnD8WpsB4edGovbRktOH30KqH FehSkNHKBO9MGDSdM/X/Zb1NufyWYOdYLBM+uOctOSxL0IQ7wI+k56pTod61xFtI NKrzGaEjGIaiU6si/Hj1uSui+w97cKT1rDafQJFSyHnCqvvYlksKgXcU9+GhFZ+o8uHagfYZ9kYHu/8+w3fUxc8lG/ASPQote8RHfO+FeBXHHI8RS9j4l46tAWTjF/0E lMP2azZKCK9l7z3IRp9dzlXxJkJiey9uDQIDAQABo2EwXzALBgNVHQ8EBAMCArQw HQYDVR0lBBYwFAYIKwYBBQUHAwEGCCsGAQUFBwMCMB0GA1UdDgQWBBQYbrvpJCRZ JYGfFXCd83DpnvZBczASBgNVHRMBAf8ECDAGAQH/AgEAMA0GCSqGSIb3DQEBCwUA A4IBAQAF4gGQg9hBDh1aFYGZ4hv6bVcRr7Rz0ASjjXQ/fVl6lW601jatCeYHU6Cw n2zV3c2WwmHM5zX3IYqtVRq4SNkfHTh6Uv74OincqCbVr3SySPsfn+OnRs0Nbyau itXo6QUafziClRejmmMT+GtgP4Ls180uwF6A2gBytwz683qKr7FmKM9CV+H6/rV7 ++bo4yyVndAMlNJT5NO9JYIftGYZrsnEWDvhn4f0ZW/a/Nhsw0hR4YtuuvU5dXLB f67gePvJZhpWaWAymXXueMxvdYE7KLT+8Px/rHzThqujy46VhoBsojdxjmfFOmY2 QgzTnZao+Ky5Pg+HQqj2Y6JGsr9Q -----END CERTIFICATE-----
	Related Information
	IPv4 Address: 10.5.1.120
	IPv6 Address: < None >
	Duration in Cache: System Default
	Roles Currently Associated
	Selected Roles: Authentication and Authorization
	Services Currently Associated
	Selected Services: TVS
746fc6b05c912f2691523b5af53910df	**Certificate Information**
	Subject Name: L=test, S=test, CN=CUCM120, OU=test, O=test, C=US
	Issuer Name: L=test, S=test, CN=CUCM120, OU=test, O=test, C=US
	Version: 3
	Valid From Date: 23/09/2019 14:23:54
	Valid To Date: 21/09/2024 14:23:53
	Serial: 746FC6B05C912F2691523B5AF53910DF

Certificate	
Serial Number	**Details**

Number	
Friendly Name	RSA
Raw Data Length	1199
All details	[Version] V3 [Subject] L=test, S=test, CN=CUCM120, OU=test, O=test, C=US Simple Name: CU CM120 DNS Name: CUCM120 [Issuer] L=test, S=test, CN=CUCM120, OU=test, O=test, C=US Simpl e Name: CUCM120 DNS Name: CUCM120 [Serial Number] 746FC6B05C912F2691523B5AF53910DF [Not Before] 23/09/2019 14:23:54 [Not After] 21/09/2024 14:23:53 [Thumbprint] ABCD7A0943CF 1511BCB1326323A40E77F9ECAADD [Signature Algorithm] sha256RSA(1.2.840.113549.1.1.11) [Public Key] Algorithm: RSA Length: 3072 Key Blob: 30 82 01 8a 02 82 01 81 00 bd 4e 72 c6 bd 14 14 02 b3 ca a8 eb 46 f5 ee 17 8b b4 0e c0 d2 af 3d 71 c5 0c ab e7 4e 98 72 91 9d 16 86 84 65 59 d9 0b 4f 50 81 79 2b 36 03 57 49 ce 34 a4 1b e5 b1 5b 0a d9 7e 1e 41 3d c7 bc 47 35 37 68 59 28 0b 62 c4 2 5 d4 36 b5 e6 b6 8a 3d c5 8e 35 11 48 d8 c2 8b 74 53 ad 14 58 08 e6 aa 4a 90 a9 09 22 e7 46 a8 a2 cc ba 88 3c 54 19 96 cd 05 d8 0b c1 b6 42 6d 15 cb 4c 7c 20 66 16 d4 b9 81 92 44 45 64 04 26 90 d0 12 25 20 08 61 c2 0d 8b 6d aa 7b c3 57 20 d3 1e 89 16 bf f2 75 50 60 79 70 ae e7 0e 3e 70 f6 4f 64 28 d c db 3b e7 eb f5 18 e1 15 0c 42 2d 3c 4d cd b2 2c 2a 40 f4 c5 02 37 89 4f f7 af ad 24 bd e3 e1 87 bb 5a 9f 16 8a 33 77 79 c5 b4 71 73 47 dd f1 70 bc e1 56 0d c8 53 2e 30 22 75 d7 62 02 f5 c5 26 cb 6f a8 b3 1d 6d 19 85 49 82 a4 73 ac 5e 1c ad 2d d9 65 ff 45 b9 56 07 6d da b9 48 4d 35 74 c1 5e c8 af 5 3 ca 92 f1 d3 9b 4b 04 34 f8 2b 5e 73 89 5d 56 7a be 49 30 5b 09 3c 5e cb 4b 26 d8 97 ae 95 01 ca 18 71 ac f1 d6 81 4a 2c 55 89 9a cf 9f 15 d4 94 dd 33 c8 20 8f e5 dc 25 31 83 df 15 ae be 89 a2 ce 03 12 85 95 d8 15 7d 00 a8 2f bb 21 16 af 9c 5a 62 f6 76 4b 59 b6 e4 c4 ab da b5 51 bb ea 65 4e 17 74 b a 65 65 73 d8 b8 a5 57 af ff 2f 02 03 01 00 01 Parameters: 05 00 [Extensions] * Key Usage(2.5 .29.15): Digital Signature, Key Encipherment, Data Encipherment, Certificate Signing (b4) * En hanced Key Usage(2.5.29.37): Server Authentication (1.3.6.1.5.5.7.3.1) Client Authentication (1. 3.6.1.5.5.7.3.2) IP security end system (1.3.6.1.5.5.7.3.5) * Subject Key Identifier(2.5.29.14): 2db2a477849b087952f8ffcc0449ef5b3c924207 * Basic Constraints(2.5.29.19): Subject Type=CA Path Length Constraint=0
Certificate Text	-----BEGIN CERTIFICATE----- MIIEqzCCAxOgAwIBAgIQdG/GsFyRLyaRUjta9TkQ3zANBgkqhkiG9w0BAQsFADBb MQswCQYDVQQGEwJVUzENMAsGA1UECgwEdGVzdDENMAsGA1UECwwEdGVzdDEQMA4G A1UEAwwHQ1VDTTEyMDENMAsGA1UECAwEdGVzdDENMAsGA1UEBwwEdGVzdDAeFw0x OTA5MjMxMjIzNTRaFw0yNDA5MjExMjIzNTNaMFsxCzAJBgNVBAYTAlVTMQ0wCwYD VQQKDAR0ZXN0MQ0wCwYDVQQLDAR0ZXN0MRAwDgYDVQQDDAdDVUNNMTIwMQ0wCwYD VQQIDAR0ZXN0MQ0wCwYDVQQHDAR0ZXN0MIIBojANBgkqhkiG9w0BAQEFAAOCAY8A MIIBigKCAYEAvU5yxr0UFAKzyqjrRvXuF4u0DsDSrz1xxQyr506YcpGdFoaEZVnZ C09QgXkrNgNXSc40pBvlsVsK2X4eQT3HvEc1N2hZKAtixCXUNrXmtoo9xY41EUjY wot0U60UWAimgkqOqOki50aoosv6iDxUGZhNBdqLwbZCbRXLTHwqZhbUuY

Certificate	
Serial Number	**Details**
	GSREVk BCaQ0BIIIAhhwg2Lbap7w1cg0x6JFr/ydVBgeXCu5w4+cPZPZCjc2zvn6/UY4R UM Qi08Tc2yLCpA9MUCN4lP96+tJL3j4Ye7Wp8WijN3ecW0cXNH3fFwvOFWDchT LjAi dddiAvXFJstvqLMdbRmFSYKkc6xeHK0t2WX/RblWB23auUhNNXTBXsivU8qS 8dOb SwQ0+Ctec4ldVnq+STBbCTxey0sm2JeulQHKGHGs8daBSixViZrPnxXUlN0zy CCP 5dwlMYPfFa6+iaLOAxKFldgVfQCoL7shFq+cWmL2dktZtuTEq9q1UbvqZU4Xd Lpl ZXPYuKVXr/8vAgMBAAGjazBpMAsGA1UdDwQEAwICtDAnBgNVHSUEIDAeB ggrBgEF BQcDAQYIKwYBBQUHAwIGCCsGAQUFBwMFMB0GA1UdDgQWBBQtsqR3h JsIeVL4/8wE Se9bPJJCBzASBgNVHRMBAf8ECDAGAQH/AgEAMA0GCSqGSIb3DQEBCw UAA4IBgQBE rb6u+QLExCMt6n6YBIDdOlMTeApGiUUTnaTq94hfaB2uA8Xh+PThRiI8UQVm Vq02 Gi1pUnM4NN1ntr5qBoSd1eMX8qLymHXFHtlnL59bkb3jxKkmnQDwVrcw8XaZ Vcnx yvgdMFAbst46Kzmr+/isFjhN8jKgmCCrQjVZKVyuiKV9EpnNA4K5BmVsagAOm 0jd bRxWYssApZLWbQntj8f4LA/wHbMyT8rsjRqKdvXJJq6q930CZ9f8Q6Vhqh9ZR YQR ICnB8L+8cO/2o/PcrR6YmAtVnHs5qVPN3M6Z09l/N5k9yMR+eYjDhnQ2KOn0 DmGc qXNWksfcr505G67Bzqd6/SmBJ4ft8CyCLZGpc7aWx16bX74zn8eW1UANmvmj hxU8 ZtZRgi0nQkXRZEC40qWAL+sc23gttAUh4s+OntynmHgXdq/QjOT7rkjntQ/lvGr D AsW8KVYmcWPRV5PwvXKI/y7jKD/YhCavEXi/xFhWrk5XTeA0i2QYW7L3cQR pC4Y= -----END CERTIFICATE-----
	Related Information
	IPv4 Address: 10.5.1.120
	IPv6 Address: < None >
	Duration in Cache: System Default
	Roles Currently Associated
	Selected Roles: Application Server
	Services Currently Associated
	Selected Services: ipsec ipsec-trust
5f4a74fa9aec138da7715b68607b17b0	**Certificate Information**
	Subject Name: L=test, S=test, CN=CUCM120-EC, OU=test, O=test, C=US
	Issuer Name: L=test, S=test, CN=CUCM120-EC, OU=test, O=test, C=US
	Version: 3
	Valid From Date: 14/09/2019 17:06:04
	Valid To Date: 12/09/2024 17:06:03
	Serial: 5F4A74FA9AEC138DA7715B68607B17B0

Certificate	
Serial Number	**Details**

Number	
Friendly Name	ECC
Raw Data Length	623
All details	[Version] V3 [Subject] L=test, S=test, CN=CUCM120-EC, OU=test, O=test, C=US Simple Name: CUCM120-EC DNS Name: CUCM120 [Issuer] L=test, S=test, CN=CUCM120-EC, OU=test, O=test, C=US Simple Name: CUCM120-EC DNS Name: CUCM120-EC [Serial Number] 5F4A74FA9AEC138DA7715B6860 7B17B0 [Not Before] 14/09/2019 17:06:04 [Not After] 12/09/2024 17:06:03 [Thumbprint] FABE3E65EED5AF7E0F4C57304290A0711C72CBBC [Signature Algorithm] sha384ECDSA(1.2.840.10045.4. 3.3) [Public Key] Algorithm: ECC Key Blob: 04 b7 51 c6 d5 0e 92 85 9b d4 cc 94 cf 06 f8 9a 8b 52 bd 4b e4 87 1d fd ed f8 43 1e a8 5f 6c 8c fc cd 4c f2 1e 3d 09 6a ea f8 8b de dd 4c cb 89 53 f 8 1d af 7a 00 98 be 36 40 a4 36 22 cf 67 15 41 a9 87 80 58 51 82 e6 74 a0 d5 ab c6 f9 7b 23 f9 6f c4 50 a8 0c ae 5b 20 13 03 52 da 97 fe d3 79 Parameters: 06 05 2b 81 04 00 22 [Extensions] * Ke y Usage(2.5.29.15): Digital Signature, Key Encipherment, Data Encipherment, Certificate Signing (b4) * Enhanced Key Usage(2.5.29.37): Server Authentication (1.3.6.1.5.5.7.3.1) Client Authent ication (1.3.6.1.5.5.7.3.2) * Subject Key Identifier(2.5.29.14): 558e150c78e3d7e01d37bca081da4 f4c02e0c71f * Basic Constraints(2.5.29.19): Subject Type=CA Path Length Constraint=0 * Sub ject Alternative Name(2.5.29.17): DNS Name=CUCM120
Certificate Text	-----BEGIN CERTIFICATE----- MIICazCCAfKgAwIBAgIQX0p0+prsE42ncVtoYHsXsDAKBggqhkjOPQQDAzBeMQsw CQYDVQQGEwJVUzENMAsGA1UECgwEdGVzdDENMAsGA1UECwwEdGVzdDETMBEGA1UE AwwKQ1VDTTEyMC1FQzENMAsGA1UECAwEdGVzdDENMAsGA1UEBwwEdGVzdDAeFw0x OTA5MTQxNTA2MDRaFw0yNDA5MTIxNTA2MDNaMF4xCzAJBgNVBAYTAlVTMQ0wCwYD VQQKDAR0ZXN0MQ0wCwYDVQQLDAR0ZXN0MRMwEQYDVQQDDApDVUNNMTIwLUVDMQ0w CwYDVQQIDAR0ZXN0MQ0wCwYDVQQHDAR0ZXN0MHYwEAYHKoZIzj0CAQYFK4EEACID YgAEt1HG1Q6ShZvUzJTPBviai1K9S+SHHf3t+EMeqF9sjPzNTPIePQlq6viL3t1M y4lT+B2vegCYvjZApDYiz2cVQamHgFhRguZ0oNWrxvl7I/lvxFCoDK5bIBMDUtqX /tN5o3UwczALBgNVHQ8EBAMCArQwHQYDVR0lBBYwFAYIKwYBBQUHAwEGCCsGAQUF BwMCMB0GA1UdDgQWBBRVjhUMeOPX4B03vKCB2k9MAuDHHzASBgNVHRMBAf8ECDAG AQH/AgEAMBIGA1UdEQQLMAmCB0NVQ00xMjAwCgYIKoZIzj0EAwMDZwAwZAIwKUe/ 99Yuizqi0Gfzb3bvNrkeSRe040jythtO1aRmzk8Na/8aDOvSiCATQ7SbwgngAjAb lbn5xjcDzE2ubogP6RpDPLXwktLML0BNkeMUQhlqxubfsIEAqhTpyhN8M5SHUhs= -----END CERTIFICATE-----
Related Information	
IPv4 Address	10.5.1.120

Certificate	
Serial Number	**Details**
	IPv6 Address: < None >
	Duration in Cache: System Default
	Roles Currently Associated
	Selected Roles: Application Server
	Services Currently Associated
	Selected Services: tomcat-ECDSA tomcat-trust
693c4f6396bd7863cdca8923ff119cc5	**Certificate Information**
	Subject Name: L=test, S=test, CN=CUCM120-EC, OU=test, O=test, C=US
	Issuer Name: L=test, S=test, CN=CUCM120-EC, OU=test, O=test, C=US
	Version: 3
	Valid From Date: 14/09/2019 17:00:38
	Valid To Date: 12/09/2024 17:00:37
	Serial Number: 693C4F6396BD7863CDCA8923FF119CC5
	Friendly Name: ECC
	Raw Data Length: 625
	All details: [Version] V3 [Subject] L=test, S=test, CN=CUCM120-EC, OU=test, O=test, C=US Simple Name: CUCM120-EC DNS Name: CUCM120 [Issuer] L=test, S=test, CN=CUCM120-EC, OU=test, O=test, C=US Simple Name: CUCM120-EC DNS Name: CUCM120-EC [Serial Number] 693C4F6396BD7863CDCA8923FF 119CC5 [Not Before] 14/09/2019 17:00:38 [Not After] 12/09/2024 17:00:37 [Thumbprint] 9C9DAE91B669D9FCB3F78C4C9702C49C802BEE53 [Signature Algorithm] sha384ECDSA(1.2.840.10045.4. 3.3) [Public Key] Algorithm: ECC Key Blob: 04 47 98 82 20 a9 36 47 bd db 66 9f 47 6a de 69 17 62 8f f4 7f 6b cb 7d 13 84 06 48 c0 af 64 91 e6 4b 30 df ca 1f c6 75 80 99 77 c3 03 7b 27 0c 17 8 1 0c 1d 81 b5 f0 0d 59 81 87 c2 4b 35 db 3d ae 18 f0 da 62 7a 27 34 f7 e3 a5 73 70 64 cf d6 4c b0 de 00 12 c7 3d a5 84 66 ea 9d 1f 1b d6 a2 de Parameters: 06 05 2b 81 04 00 22 [Extensions] * Ke y Usage(2.5.29.15): Digital Signature, Key Encipherment, Data Encipherment, Certificate Signing (b4) * Enhanced Key Usage(2.5.29.37): Server Authentication (1.3.6.1.5.5.7.3.1) Client Authent ication (1.3.6.1.5.5.7.3.2) * Subject Key Identifier(2.5.29.14): 1a91ceb0def29553cb766bac2cfd4 8954bed7b52 * Basic Constraints(2.5.29.19): Subject Type=CA Path Length Constraint=0 * Sub ject Alternative Name(2.5.29.17): DNS Name=CUCM120
	Certificate Text: -----BEGIN CERTIFICATE----- MIICbTCCAfKgAwIBAgIQaTxPY5a9eGPNyokj/xGcxTAKBggqhkjOPQQDAzBeMQsw COYDVQQGEwJVUzENMAsGA1UECgwEdGVzdDENMAsGA1UECwwEdGVz

Certificate	
Serial Number	**Details**
	dDETMBEGA1UE AwwKQ1VDTTEyMC1FQzENMAsGA1UECAwEdGVzdDENMAsGA1UEBwwE dGVzdDAeFw0x OTA5MTQxNTAwMzhaFw0yNDA5MTIxNTAwMzdaMF4xCzAJBgNVBAYTAlVT MQ0wCwYD VQQKDAR0ZXN0MQ0wCwYDVQQLDAR0ZXN0MRMwEQYDVQQDDApDVU NNMTIwLUVDMQ0w CwYDVQQIDAR0ZXN0MQ0wCwYDVQQHDAR0ZXN0MHYwEAYHKoZIzj0CA QYFK4EEACID YgAER5iCIKk2R73bZp9Hat5pF2KP9H9ry30ThAZIwK9kkeZLMN/KH8Z1gJl3w wN7 JwwXgQwdgbXwDVmBh8JLNds9rhjw2mJ6JzT346VzcGTP1kyw3gASxz2lhGb qnR8b 1qLeo3UwczALBgNVHQ8EBAMCArQwHQYDVR0lBBYwFAYIKwYBBQUHAw EGCCsGAQUF BwMCMB0GA1UdDgQWBBQakc6w3vKVU8t2a6ws/UiVS+17UjASBgNVHRMB Af8ECDAG AQH/AgEAMBIGA1UdEQQLMAmCB0NVQ00xMjAwCgYIKoZIzj0EAwMDaQA wZgIxAMGl 53L6gQzHhd5AtDIs1kdoDA5WZKOaSCQUyDAYFg4wxKfQBW7iCdObu4Bsh QZAhAIx AJmlg1P6pxl/JSZB+dyt1XacnUzXkmLCG8rV0IIVAm7LO7sQhyqxp5BDvO9de eXz jA== -----END CERTIFICATE-----
	Related Information
	IPv4 Address: 10.5.1.120
	IPv6 Address: < None >
	Duration in Cache: System Default
	Roles Currently Associated
	Selected Roles: < None >
	Services Currently Associated
	Selected Services: CallManager-ECDSA
44db448c98790240c76e1a6604ddb906	**Certificate Information**
	Subject Name: L=test, S=test, CN=IMP122-EC.lab.test, OU=test, O=test, C=US
	Issuer Name: L=test, S=test, CN=IMP122-EC.lab.test, OU=test, O=test, C=US
	Version: 3
	Valid From Date: 14/09/2019 19:24:25
	Valid To Date: 12/09/2024 19:24:24
	Serial Number: 44DB448C98790240C76E1A6604DDB906
	Friendly Name: ECC
	Raw Data Length: 649
	All details: [Version] V3 [Subject] L=test, S=test, CN=IMP122-EC.lab.test, OU=test, O=test, C=US Simp

Certificate	
Serial Number	**Details**

	le Name: IMP122-EC.lab.test DNS Name: IMP122.lab.test [Issuer] L=test, S=test, CN=IMP122-EC .lab.test, OU=test, O=test, C=US Simple Name: IMP122-EC.lab.test DNS Name: IMP122-EC.lab.test [Serial Number] 44DB448C98790240C76E1A6604DDB906 [Not Before] 14/09/2019 19:24:25 [No t After] 12/09/2024 19:24:24 [Thumbprint] 61E8E32A42A52226696E8C0F31C8B322EE20F11A [Sign ature Algorithm] sha384ECDSA(1.2.840.10045.4.3.3) [Public Key] Algorithm: ECC Key Blob: 04 c1 63 82 d6 0a 4f 57 7d 94 cc 2d d9 65 c2 13 29 68 ad 01 5c 16 29 51 dc c2 4c 0f 63 a0 1f 97 ba f a f9 48 51 c0 4f 23 da 71 2a 9c 5f 48 24 77 35 97 14 c8 49 ac 2e 9c 70 f8 c6 da 57 1a 02 93 83 6c 21 d9 ba d9 f8 48 fc 81 67 cb ad e4 7b cc 38 ab e4 a6 b6 1a 20 05 8a fe 05 7a e6 08 e9 8b 35 Parame ters: 06 05 2b 81 04 00 22 [Extensions] * Key Usage(2.5.29.15): Digital Signature, Key Enciph erment, Data Encipherment, Certificate Signing (b4) * Enhanced Key Usage(2.5.29.37): Server Au thentication (1.3.6.1.5.5.7.3.1) Client Authentication (1.3.6.1.5.5.7.3.2) * Subject Key Identif ier(2.5.29.14): 586088ee9189370a9a4a0702fff0d490499e22c4 * Basic Constraints(2.5.29.19): Su bject Type=CA Path Length Constraint=0 * Subject Alternative Name(2.5.29.17): DNS Name=IMP122 .lab.test
Certificate Text	-----BEGIN CERTIFICATE----- MIIChTCCAgqgAwIBAgIQRNtEjJh5AkDHbhpmBN25BjAKBggqhkjOPQQDAzBmMQsw CQYDVQQGEwJVUzENMAsGA1UECgwEdGVzdDENMAsGA1UECwwEdGVzdDEbMBkGA1UE AwwSSU1QMTIyLUVDLmxhYi50ZXN0MQ0wCwYDVQQIDAR0ZXN0MQ0wCwYDVQQHDAR0 ZXN0MB4XDTE5MDkxNDE3MjQyNVoXDTI0MDkxMjE3MjQyNFowZjELMAkGA1UEBhMC VVMxDTALBgNVBAoMBHRlc3QxDTALBgNVBAsMBHRlc3QxGzAZBgNVBAMMEklNUDEy Mi1FQy5sYWIudGVzdDENMAsGA1UECAwEdGVzdDENMAsGA1UEBwwEdGVzdDB2MBAG ByqGSM49AgEGBSuBBAAiA2IABMFjgtYKT1d9lMwt2WXCEylorQFcFilR3MJMD2Og H5e6+vlIUcBPI9pxKpxfSCR3NZcUyEmsLpxw+MbaVxoCk4NsIdm62fhI/IFny63k e8w4q+SmthogBYr+BXrmCOmLNaN9MHswCwYDVR0PBAQDAgK0MB0GA1UdJQQWMBQG CCsGAQUFBwMBBggrBgEFBQcDAjAdBgNVHQ4EFgQUWGCI7pGJNwqaSgcC//DUkEme lsQwEgYDVR0TAQH/BAgwBgEB/wIBADAaBgNVHREEEzARgg9JTVAxMjIubGFiLnRl c3QwCgYIKoZIzj0EAwMDaQAwZgIxAMjpJ78KO7eNKINrdtiCxdeVHdznemrpOTHK R7S+6XaBOXt8g+fJt0AgXPz5rPrzmwIxAJR3xWfD8xjEpJ4C6ufHhHftdzluY22sb7wc1PFmOMzS9/6j37XyJkdDd2ut//TNLQ== -----END CERTIFICATE-----
Related Information	
IPv4 Address	10.5.1.120
IPv6 Address	< None >
Duration in Cache	System Default
Roles Currently Associated	
Selected Roles	Application Server
Services Currently Associated	

Certificate	
Serial Number	**Details**
	Selected Services: tomcat-trust
529845c69f546b0e5f473da5beb56202	**Certificate Information**
	Subject Name: L=test, S=test, CN=IMP122.lab.test, OU=test, O=test, C=US
	Issuer Name: L=test, S=test, CN=IMP122.lab.test, OU=test, O=test, C=US
	Version: 3
	Valid From Date: 14/09/2019 19:24:23
	Valid To Date: 12/09/2024 19:24:22
	Serial Number: 529845C69F546B0E5F473DA5BEB56202
	Friendly Name: RSA
	Raw Data Length: 949
	All details: [Version] V3 [Subject] L=test, S=test, CN=IMP122.lab.test, OU=test, O=test, C=US Simple Name: IMP122.lab.test DNS Name: IMP122.lab.test [Issuer] L=test, S=test, CN=IMP122.lab.test , OU=test, O=test, C=US Simple Name: IMP122.lab.test DNS Name: IMP122.lab.test [Serial Numb er] 529845C69F546B0E5F473DA5BEB56202 [Not Before] 14/09/2019 19:24:23 [Not After] 12/ 09/2024 19:24:22 [Thumbprint] BE6F0C9AD2A8716D5C20DB9534F9CDE468A4C777 [Signature Algorithm] sha256RSA(1.2.840.113549.1.1.11) [Public Key] Algorithm: RSA Length: 2048 Key Blob: 30 82 01 0a 02 82 01 01 00 b8 49 bb 20 a8 fc b6 71 33 c9 b7 2a 1f 34 07 25 4f df 49 72 28 c7 5e e3 55 71 d4 1a 6e c1 37 7f 33 0b dc 29 d4 31 63 6b a6 8a ee 5d 51 3c be 30 1e 06 f5 ee 1c 57 95 02 69 c c 6d ba 19 f9 91 78 fa be 2f 53 94 33 a9 6d 73 e0 b6 bf 88 c6 30 61 7a 4e 35 7c 9e bb 28 ed 77 59 06 b5 19 9a df 6a 53 e0 1e ef 22 c3 9f 32 1b 3d 6c 5c 91 5a ae 6a 54 74 ce 2e 8d 7b cf 48 d2 45 ca 0c bd 69 51 f5 75 85 48 06 02 a3 e0 f8 8e f3 8c 61 6e 08 ce 3c 93 5c de 75 50 fe 3d 7d 00 bd 34 43 44 f 5 5c 33 fd 72 20 53 28 c4 4a 3a 49 e5 be 0e 92 dc ae 3b 6b b1 64 33 c2 ee f4 dd d8 5e f4 fa b5 9a 7a a7 6c 3f 92 bb 6e ee 30 2e 3b 88 7d 62 66 49 1c 58 77 01 78 eb 76 e4 27 cb 73 7a 85 61 91 81 43 56 40 e7 18 3a 26 5c ce 28 5d cf 20 ce 55 da a0 05 3a 9b 8a a0 73 b9 5f e8 56 85 5a d9 a7 02 1c cf 02 0 3 01 00 01 Parameters: 05 00 [Extensions] * Key Usage(2.5.29.15): Digital Signature, Key E ncipherment, Data Encipherment, Certificate Signing (b4) * Enhanced Key Usage(2.5.29.37): Serv er Authentication (1.3.6.1.5.5.7.3.1) Client Authentication (1.3.6.1.5.5.7.3.2) * Subject Key Id entifier(2.5.29.14): 50f8e7cf3798a236443e10aa07687e85da405a9b * Basic Constraints(2.5.29.19): Subject Type=CA Path Length Constraint=0
	Certificate Text: -----BEGIN CERTIFICATE----- MIIDsTCCApmgAwIBAgIQUphFxp9Uaw5fRz2lvrViAjANBgkqhkiG9w0BAQsFA DBj MQswCQYDVQQGEwJVUzENMAsGA1UECgwEdGVzdDENMAsGA1UECww EdGVzdDEYMBYG A1UEAwwPSU1QMTIyLmxhYi50ZXN0MQ0wCwYDVQQIDAR0ZXN0MQ0wCw

Certificate	
Serial Number	**Details**
	YDVQQHDAR0 ZXN0MB4XDTE5MDkxNDE3MjQyM1oXDTI0MDkxMjE3MjQyMlowYzELMAkG A1UEBhMC VVMxDTALBgNVBAoMBHRlc3QxDTALBgNVBAsMBHRlc3QxGDAWBgNVBA MMD0lNUDEy Mi5sYWIudGVzdDENMAsGA1UECAwEdGVzdDENMAsGA1UEBwwEdGVzdD CCASIwDQYJ KoZIhvcNAQEBBQADggEPADCCAQoCggEBALhJuyCo/LZxM8m3Kh80ByVP3 0lyKMde 41Vx1BpuwTd/MwvcKdQxY2umiu5dUTy+MB4G9e4cV5UCacxtuhn5kXj6vi9Tl DOp bXPgtr+IxjBhek41fJ67KO13WQa1GZrfalPgHu8iw58yGz1sXJFarmpUdM4ujXv P SNJFygy9aVH1dYVIBgKj4PiO84xhbgjOPJNc3nVQ/j19AL00Q0T1XDP9ciBTK MRK Oknlvg6S3K47a7FkM8Lu9N3YXvT6tZp6p2w/krtu7jAuO4h9YmZJHFh3AXjrdu Qn y3N6hWGRgUNWQOcYOiZczihdzyDOVdqgBTqbiqBzuV/oVoVa2acCHM8CAw EAAaNh MF8wCwYDVR0PBAQDAgK0MB0GA1UdJQQWMBQGCCsGAQUFBwMBBgg rBgEFBQcDAjAd BgNVHQ4EFgQUUPjnzzeYojZEPhCqB2h+hdpAWpswEgYDVR0TAQH/BAgw BgEB/wIB ADANBgkqhkiG9w0BAQsFAAOCAQEAB/QmIK+c5v3CdZ5joyS5mQ7eyFp8vv O+1le2 vfC06yqIGDrY+Owk1krNUb7JPv0PSWS6SVUfjggwA2n+RDI2Ad2/tqGSiZNJm dGB FEdeEHEXG3b2NfndaziPeNc5yinyiCA+hQIFN7Sp7FgLN5d+SxqOQ8ASsuG8 QW7S CdmvtiYBG9Buvn49XyVx8eIB+D/pyDFemyIvSaZ4Ejij8SOpciyAPnadwGtSI6w E ZCwoRPEA031GHVQuZ2LTSE8USaxEcV1sEkvHWz/+bGYFYJSrt5jHBo8BK7 2qKG5+ bOigzL3VQvIzT9yZjpCadmef6ZxUHL9XJYfGnWi7HYB1zwU67Q== -----END CERTIFICATE-----
	Related Information
	IPv4 Address: 10.5.1.120
	IPv6 Address: < None >
	Duration in Cache: System Default
	Roles Currently Associated
	Selected Roles: Application Server
	Services Currently Associated
	Selected Services: tomcat-trust
527f6ce1c4e94b2ef49ba0d3e9fbb2c2	**Certificate Information**
	Subject Name: L=test, S=test, CN=ITLRECOVERY_CUCM120, OU=test, O=test, C=US
	Issuer Name: L=test, S=test, CN=ITLRECOVERY_CUCM120, OU=test, O=test, C=US
	Version: 3
	Valid From Date: 14/09/2019 17:06:07
	Valid To Date: 9/09/2039 17:06:06

Certificate	
Serial Number	**Details**

Serial Number	527F6CE1C4E94B2EF49BA0D3E9FBB2C2
Friendly Name	RSA
Raw Data Length	937
All details	[Version] V3 [Subject] L=test, S=test, CN=ITLRECOVERY_CUCM120, OU=test, O=test, C=US Sim ple Name: ITLRECOVERY_CUCM120 DNS Name: ITLRECOVERY_CUCM120 [Issuer] L=test, S=test, CN=ITL RECOVERY_CUCM120, OU=test, O=test, C=US Simple Name: ITLRECOVERY_CUCM120 DNS Name: ITLRECOVERY _CUCM120 [Serial Number] 527F6CE1C4E94B2EF49BA0D3E9FBB2C2 [Not Before] 14/09/2019 17:06: 07 [Not After] 9/09/2039 17:06:06 [Thumbprint] 02DD9DD1611D6434F483D44169A235AB8F0FB70E [Signature Algorithm] sha256RSA(1.2.840.113549.1.1.11) [Public Key] Algorithm: RSA Le ngth: 2048 Key Blob: 30 82 01 0a 02 82 01 01 00 8b 95 49 01 3e 57 93 5d 77 46 74 88 0e 02 b1 1f 6 c 18 26 11 0b 63 a4 40 d2 8b 0d ce c2 cd d2 c5 5a ac b7 10 8a 8f 98 8c 7b 10 55 fa d6 42 81 f5 04 3c 85 f0 4d 2c 55 96 70 e7 ca df 55 1a a1 10 c3 da 84 3e 29 38 6d 6e e0 99 6a a5 19 dd 32 52 63 be 28 bd 5c 9e 92 ba 76 8d 49 67 3a d6 51 57 3e 5e 86 cd b7 3f e5 7b b3 ca 56 ff cb 9c 09 80 30 fe 10 c9 7 3 b7 f2 68 2c de 3a f0 91 4e e9 59 5e 2c c5 82 c0 92 3b 2f bf e9 47 24 5a 90 ca 8d fa e2 7a 64 41 71 a2 e2 90 a1 43 da 33 a0 69 c7 72 38 66 f4 74 b1 fb 0e 8d cc a6 83 25 56 49 b8 e7 53 19 b7 a0 f0 6a 4a 8a 47 a3 c3 00 a1 00 83 d1 75 97 05 a1 e7 2e e6 67 60 f3 bf ba 12 07 f6 4e 82 d0 b9 26 88 a2 4d 1 a 2b e7 4d 1d 01 46 21 24 0b 9f c1 6c bc ad 6f 8b 97 f0 72 a6 1d ea 93 36 99 f0 c7 c0 35 8b bf 0e f4 93 05 f3 9f 31 ad 02 03 01 00 01 Parameters: 05 00 [Extensions] * Key Usage(2.5.29.15): D igital Signature, Key Encipherment, Data Encipherment (b0) * Enhanced Key Usage(2.5.29.37): Se rver Authentication (1.3.6.1.5.5.7.3.1) Client Authentication (1.3.6.1.5.5.7.3.2) * Subject Key Identifier(2.5.29.14): 54bdf0973484f77039d8eda112bc7e92f734f5da
Certificate Text	-----BEGIN CERTIFICATE----- MIIDpTCCAo2gAwIBAgIQUn9s4cTpSy70m6DT6fuywjANBgkqhkiG9w0BAQsF ADBn MQswCQYDVQQGEwJVUzENMAsGA1UECgwEdGVzdDENMAsGA1UECww EdGVzdDEcMBoG A1UEAwwTSVRMUkVDT1ZFUllfQ1VDTTEyMDENMAsGA1UECAwEdGVzdD ENMAsGA1UE BwwEdGVzdDAeFw0xOTA5MTQxNTA2MDdaFw0zOTA5MDkxNTA2MDZaMG cxCzAJBgNV BAYTAlVTMQ0wCwYDVQQKDAR0ZXN0MQ0wCwYDVQQLDAR0ZXN0MRw wGgYDVQQDDBNJ VExSRUNPVkVSWV9DVUNNMTIwMQ0wCwYDVQQIDAR0ZXN0MQ0wCwYD VQQHDAR0ZXN0 MIIBIjANBgkqhkiG9w0BAQEFAAOCAQ8AMIIBCgKCAQEAi5VJAT5Xk113RnS IDgKx H2wYJhELY6RA0osNzsLN0sVarLcQio+YjHsQVfrWQoH1BDyF8E0sVZZw58rf VRqh EMPahD4pOG1u4JlqpRndMlJjvii9XJ6SunaNSWc61lFXPl6Gzbc/5Xuzylb/y5wJ gDD+EMlzt/JoLN468JFO6VleLMWCwJI7L7/pRyRakMqN+uJ6ZEFxouKQoUPa M6Bp x3I4ZvR0sfsOjcymgyVWSbjnUxm3oPBqSopHo8MAoQCD0XWXBaHnLuZnYP O/uhIH 9k6C0LkmiKJNGivnTR0BRiEkC5/BbLytb4uX8HKmHeqTNpnwx8A1i78O9JMF 858x rQIDAQABo00wSzALBgNVHQ8EBAMCBLAwHQYDVR0lBBYwFAYIKwYBBQ UHAwEGCCsG AQUFBwMCMB0GA1UdDgQWBBRUvfCXNIT3cDnY7aESvH6S9zT12iANBgkq

Certificate	
Serial Number	**Details**
	hkiG9w0B AQsFAAOCAQEAecMrkI5ryypLXSFx0yCNxSzF3sRBnF6aPSjB/xReyranG9dO Dnj1 hCJPc4ilsFKch+2Rb31cmJbaVk+Sku4yQXFEaMemRUWKr/zRv+xs2TAsXktPx kdl nmykmmqGo8NKAD1fF+5jmJaC7ObvdGJbVkvl4Q8ky4N/oS/zfWPin+UFc+TE h1xC sMiuMbF8TErgWaLY2LEgArC2o4RMNwRUPYqsZh1XSWNFB9e6uE0+b48ukr 8ufOOO eoTpuXC6PTf0KdEN7A522Gox5raNe7OH157pa34wS7UwyZxI+btZnhjwBMdiy BaC ogToDCh3HgaQgYF6gAlQiMuM5l08NvkNfg== -----END CERTIFICATE-----
	Related Information
	IPv4 Address: 10.5.1.120
	IPv6 Address: < None >
	Duration in Cache: System Default
	Roles Currently Associated
	Selected Roles: CallManagerTFTP SAST
	Services Currently Associated
	Selected Services: ITLRecovery

2.23.2 Phone Security Profile

Cisco Unified Communications Manager Administration groups security-related settings for a phone type and protocol into security profiles to allow you to assign a single security profile to multiple phones. Security-related settings include device security mode, digest authentication, and some CAPF settings. You apply the configured settings to a phone when you choose the security profile in the Phone Configuration window.

Installing Cisco Unified Communications Manager provides a set of predefined, nonsecure security profiles for auto-registration. To enable security features for a phone, you must configure a new security profile for the device type and protocol and apply it to the phone.

Phone Security Profile	
Name	**Details**
Analog Phone - Standard SCCP Non-Secure Profile	**Phone Security Profile Information**
	Description: Analog Phone - Standard SCCP Non-Secure Profile
	Is Standard: Y
	Product Type: Analog Phone
	Device Protocol: SCCP
	TFTP Encrypted Config: N
Carrier-integrated Mobile - Standard SIP Non-Secure Profile	**Phone Security Profile Information**
	Description: Carrier-integrated Mobile - Standard SIP Non-Secure Profile
	Is Standard: Y
	Product Type: Carrier-integrated Mobile
	Device Protocol: SIP

Phone Security Profile	
Name	**Details**
	Nonce Validity Time: 600 Transport Type: TCP+UDP Enable Digest Authentication: N TFTP Encrypted Config: N Exclude Digest Credentials in Configuration File: N **Parameters used in Phone** SIP Phone Port: 5060
Cisco 12 S - Standard SCCP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco 12 S - Standard SCCP Non-Secure Profile Is Standard: Y Product Type: Cisco 12 S Device Protocol: SCCP
Cisco 12 SP - Standard SCCP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco 12 SP - Standard SCCP Non-Secure Profile Is Standard: Y Product Type: Cisco 12 SP Device Protocol: SCCP
Cisco 12 SP PLUS - Standard SCCP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco 12 SP+ - Standard SCCP Non-Secure Profile Is Standard: Y Product Type: Cisco 12 SP+ Device Protocol: SCCP
Cisco 30 SP PLUS - Standard SCCP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco 30 SP+ - Standard SCCP Non-Secure Profile Is Standard: Y Product Type: Cisco 30 SP+ Device Protocol: SCCP
Cisco 30 VIP - Standard SCCP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco 30 VIP - Standard SCCP Non-Secure Profile Is Standard: Y Product Type: Cisco 30 VIP Device Protocol: SCCP
Cisco 3905 - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco 3905 - Standard SIP Non-Secure Profile Is Standard: Y Product Type: Cisco 3905 Device Protocol: SIP Nonce Validity Time: 600 Transport Type: TCP+UDP Enable Digest Authentication: N Exclude Digest Credentials in Configuration File: N

Phone Security Profile	
Name	**Details**
	Parameters used in Phone
	SIP Phone Port: 5060
Cisco 3911 - Standard SIP Non-Secure Profile	**Phone Security Profile Information**
	Description: Cisco 3911 - Standard SIP Non-Secure Profile
	Is Standard: Y
	Product Type: Cisco 3911
	Device Protocol: SIP
	Nonce Validity Time: 600
	Transport Type: UDP
	Enable Digest Authentication: N
	Exclude Digest Credentials in Configuration File: N
	Parameters used in Phone
	SIP Phone Port: 5060
Cisco 3951 - Standard SIP Non-Secure Profile	**Phone Security Profile Information**
	Description: Cisco 3951 - Standard SIP Non-Secure Profile
	Is Standard: Y
	Product Type: Cisco 3951
	Device Protocol: SIP
	Nonce Validity Time: 600
	Transport Type: UDP
	Enable Digest Authentication: N
	Exclude Digest Credentials in Configuration File: N
	Parameters used in Phone
	SIP Phone Port: 5060
Cisco 6901 - Standard SCCP Non-Secure Profile	**Phone Security Profile Information**
	Description: Cisco 6901 - Standard SCCP Non-Secure Profile
	Is Standard: Y
	Product Type: Cisco 6901
	Device Protocol: SCCP
	Device Security Mode: Non Secure
	TFTP Encrypted Config: N
	Phone Security Profile CAPF Information
	Authentication Mode: By Null String
	Key Order: RSA Only
	Key Size (bits): 2048
Cisco 6901 - Standard SIP Non-Secure Profile	**Phone Security Profile Information**
	Description: Cisco 6901 - Standard SIP Non-Secure Profile
	Is Standard: Y
	Product Type: Cisco 6901
	Device Protocol: SIP
	Nonce Validity Time: 600
	Device Security Mode: Non Secure
	Transport Type: TCP+UDP

Phone Security Profile	
Name	**Details**
	Enable Digest Authentication: N TFTP Encrypted Config: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone** SIP Phone Port: 5060
Cisco 6911 - Standard SCCP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco 6911 - Standard SCCP Non-Secure Profile Is Standard: Y Product Type: Cisco 6911 Device Protocol: SCCP Device Security Mode: Non Secure TFTP Encrypted Config: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048
Cisco 6911 - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco 6911 - Standard SIP Non-Secure Profile Is Standard: Y Product Type: Cisco 6911 Device Protocol: SIP Nonce Validity Time: 600 Device Security Mode: Non Secure Transport Type: TCP+UDP Enable Digest Authentication: N TFTP Encrypted Config: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone** SIP Phone Port: 5060
Cisco 6921 - Standard SCCP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco 6921 - Standard SCCP Non-Secure Profile Is Standard: Y Product Type: Cisco 6921 Device Protocol: SCCP Device Security Mode: Non Secure TFTP Encrypted Config: N

Phone Security Profile	
Name	**Details**
	Phone Security Profile CAPF Information
	Authentication Mode: By Null String
	Key Order: RSA Only
	Key Size (bits): 2048
Cisco 6921 - Standard SIP Non-Secure Profile	**Phone Security Profile Information**
	Description: Cisco 6921 - Standard SIP Non-Secure Profile
	Is Standard: Y
	Product Type: Cisco 6921
	Device Protocol: SIP
	Nonce Validity Time: 600
	Device Security Mode: Non Secure
	Transport Type: TCP+UDP
	Enable Digest Authentication: N
	TFTP Encrypted Config: N
	Exclude Digest Credentials in Configuration File: N
	Phone Security Profile CAPF Information
	Authentication Mode: By Null String
	Key Order: RSA Only
	Key Size (bits): 2048
	Parameters used in Phone
	SIP Phone Port: 5060
Cisco 6941 - Standard SCCP Non-Secure Profile	**Phone Security Profile Information**
	Description: Cisco 6941 - Standard SCCP Non-Secure Profile
	Is Standard: Y
	Product Type: Cisco 6941
	Device Protocol: SCCP
	Device Security Mode: Non Secure
	TFTP Encrypted Config: N
	Phone Security Profile CAPF Information
	Authentication Mode: By Null String
	Key Order: RSA Only
	Key Size (bits): 2048
Cisco 6941 - Standard SIP Non-Secure Profile	**Phone Security Profile Information**
	Description: Cisco 6941 - Standard SIP Non-Secure Profile
	Is Standard: Y
	Product Type: Cisco 6941
	Device Protocol: SIP
	Nonce Validity Time: 600
	Device Security Mode: Non Secure
	Transport Type: TCP+UDP
	Enable Digest Authentication: N
	TFTP Encrypted Config: N
	Exclude Digest Credentials in Configuration File: N
	Phone Security Profile CAPF Information

Phone Security Profile	
Name	**Details**
	Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone** SIP Phone Port: 5060
Cisco 6945 - Standard SCCP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco 6945 - Standard SCCP Non-Secure Profile Is Standard: Y Product Type: Cisco 6945 Device Protocol: SCCP Device Security Mode: Non Secure TFTP Encrypted Config: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048
Cisco 6945 - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco 6945 - Standard SIP Non-Secure Profile Is Standard: Y Product Type: Cisco 6945 Device Protocol: SIP Nonce Validity Time: 600 Device Security Mode: Non Secure Transport Type: TCP+UDP Enable Digest Authentication: N TFTP Encrypted Config: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone** SIP Phone Port: 5060
Cisco 6961 - Standard SCCP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco 6961 - Standard SCCP Non-Secure Profile Is Standard: Y Product Type: Cisco 6961 Device Protocol: SCCP Device Security Mode: Non Secure TFTP Encrypted Config: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048
Cisco 6961 - Standard SIP Non-Secure Profile	**Phone Security Profile Information**

Phone Security Profile	
Name	**Details**
	Description: Cisco 6961 - Standard SIP Non-Secure Profile Is Standard: Y Product Type: Cisco 6961 Device Protocol: SIP Nonce Validity Time: 600 Device Security Mode: Non Secure Transport Type: TCP+UDP Enable Digest Authentication: N TFTP Encrypted Config: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone** SIP Phone Port: 5060
Cisco 7811 - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco 7811 - Standard SIP Non-Secure Profile Is Standard: Y Product Type: Cisco 7811 Device Protocol: SIP Nonce Validity Time: 600 Device Security Mode: Non Secure Transport Type: TCP+UDP Enable Digest Authentication: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone** SIP Phone Port: 5060
Cisco 7821 - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco 7821 - Standard SIP Non-Secure Profile Is Standard: Y Product Type: Cisco 7821 Device Protocol: SIP Nonce Validity Time: 600 Device Security Mode: Non Secure Transport Type: TCP+UDP Enable Digest Authentication: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information**

Phone Security Profile	
Name	**Details**
	Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone** SIP Phone Port: 5060
Cisco 7832 - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco 7832 - Standard SIP Non-Secure Profile Is Standard: Y Product Type: Cisco 7832 Device Protocol: SIP Nonce Validity Time: 600 Device Security Mode: Non Secure Transport Type: TCP+UDP Enable Digest Authentication: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone** SIP Phone Port: 5060
Cisco 7841 - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco 7841 - Standard SIP Non-Secure Profile Is Standard: Y Product Type: Cisco 7841 Device Protocol: SIP Nonce Validity Time: 600 Device Security Mode: Non Secure Transport Type: TCP+UDP Enable Digest Authentication: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone** SIP Phone Port: 5060
Cisco 7861 - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco 7861 - Standard SIP Non-Secure Profile Is Standard: Y Product Type: Cisco 7861 Device Protocol: SIP Nonce Validity Time: 600 Device Security Mode: Non Secure

Phone Security Profile	
Name	**Details**
	Transport Type: TCP+UDP Enable Digest Authentication: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone** SIP Phone Port: 5060
Cisco 7902 - Standard SCCP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco 7902 - Standard SCCP Non-Secure Profile Is Standard: Y Product Type: Cisco 7902 Device Protocol: SCCP
Cisco 7905 - Standard SCCP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco 7905 - Standard SCCP Non-Secure Profile Is Standard: Y Product Type: Cisco 7905 Device Protocol: SCCP
Cisco 7905 - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco 7905 - Standard SIP Non-Secure Profile Is Standard: Y Product Type: Cisco 7905 Device Protocol: SIP Nonce Validity Time: 600 Transport Type: UDP Enable Digest Authentication: N Exclude Digest Credentials in Configuration File: N **Parameters used in Phone** SIP Phone Port: 5060
Cisco 7906 - Standard SCCP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco 7906 - Standard SCCP Non-Secure Profile Is Standard: Y Product Type: Cisco 7906 Device Protocol: SCCP Device Security Mode: Non Secure **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048
Cisco 7906 - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco 7906 - Standard SIP Non-Secure Profile

Phone Security Profile	
Name	**Details**
	Is Standard: Y Product Type: Cisco 7906 Device Protocol: SIP Nonce Validity Time: 600 Device Security Mode: Non Secure Transport Type: TCP+UDP Enable Digest Authentication: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone** SIP Phone Port: 5060
Cisco 7910 - Standard SCCP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco 7910 - Standard SCCP Non-Secure Profile Is Standard: Y Product Type: Cisco 7910 Device Protocol: SCCP
Cisco 7911 - Standard SCCP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco 7911 - Standard SCCP Non-Secure Profile Is Standard: Y Product Type: Cisco 7911 Device Protocol: SCCP Device Security Mode: Non Secure **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048
Cisco 7911 - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco 7911 - Standard SIP Non-Secure Profile Is Standard: Y Product Type: Cisco 7911 Device Protocol: SIP Nonce Validity Time: 600 Device Security Mode: Non Secure Transport Type: TCP+UDP Enable Digest Authentication: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone**

Phone Security Profile	
Name	**Details**
	SIP Phone Port: 5060
Cisco 7912 - Standard SCCP Non-Secure Profile	**Phone Security Profile Information**
	Description: Cisco 7912 - Standard SCCP Non-Secure Profile
	Is Standard: Y
	Product Type: Cisco 7912
	Device Protocol: SCCP
Cisco 7912 - Standard SIP Non-Secure Profile	**Phone Security Profile Information**
	Description: Cisco 7912 - Standard SIP Non-Secure Profile
	Is Standard: Y
	Product Type: Cisco 7912
	Device Protocol: SIP
	Nonce Validity Time: 600
	Transport Type: UDP
	Enable Digest Authentication: N
	Exclude Digest Credentials in Configuration File: N
	Parameters used in Phone
	SIP Phone Port: 5060
Cisco 7920 - Standard SCCP Non-Secure Profile	**Phone Security Profile Information**
	Description: Cisco 7920 - Standard SCCP Non-Secure Profile
	Is Standard: Y
	Product Type: Cisco 7920
	Device Protocol: SCCP
Cisco 7921 - Standard SCCP Non-Secure Profile	**Phone Security Profile Information**
	Description: Cisco 7921 - Standard SCCP Non-Secure Profile
	Is Standard: Y
	Product Type: Cisco 7921
	Device Protocol: SCCP
	Device Security Mode: Non Secure
	Phone Security Profile CAPF Information
	Authentication Mode: By Null String
	Key Order: RSA Only
	Key Size (bits): 2048
Cisco 7925 - Standard SCCP Non-Secure Profile	**Phone Security Profile Information**
	Description: Cisco 7925 - Standard SCCP Non-Secure Profile
	Is Standard: Y
	Product Type: Cisco 7925
	Device Protocol: SCCP
	Device Security Mode: Non Secure
	TFTP Encrypted Config: N
	Phone Security Profile CAPF Information
	Authentication Mode: By Null String
	Key Order: RSA Only
	Key Size (bits): 2048

Phone Security Profile	
Name	**Details**
Cisco 7926 - Standard SCCP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco 7926 - Standard SCCP Non-Secure Profile Is Standard: Y Product Type: Cisco 7926 Device Protocol: SCCP Device Security Mode: Non Secure TFTP Encrypted Config: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048
Cisco 7931 - Standard SCCP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco 7931 - Standard SCCP Non-Secure Profile Is Standard: Y Product Type: Cisco 7931 Device Protocol: SCCP Device Security Mode: Non Secure **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048
Cisco 7931 - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco 7931 - Standard SIP Non-Secure Profile Is Standard: Y Product Type: Cisco 7931 Device Protocol: SIP Nonce Validity Time: 600 Device Security Mode: Non Secure Transport Type: TCP+UDP Enable Digest Authentication: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone** SIP Phone Port: 5060
Cisco 7935 - Standard SCCP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco 7935 - Standard SCCP Non-Secure Profile Is Standard: Y Product Type: Cisco 7935 Device Protocol: SCCP
Cisco 7936 - Standard SCCP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco 7936 - Standard SCCP Non-Secure Profile

Phone Security Profile	
Name	**Details**
	Is Standard: Y Product Type: Cisco 7936 Device Protocol: SCCP TFTP Encrypted Config: N
Cisco 7937 - Standard SCCP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco 7937 - Standard SCCP Non-Secure Profile Is Standard: Y Product Type: Cisco 7937 Device Protocol: SCCP
Cisco 7940 - Standard SCCP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco 7940 - Standard SCCP Non-Secure Profile Is Standard: Y Product Type: Cisco 7940 Device Protocol: SCCP Device Security Mode: Non Secure TFTP Encrypted Config: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048
Cisco 7940 - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco 7940 - Standard SIP Non-Secure Profile Is Standard: Y Product Type: Cisco 7940 Device Protocol: SIP Nonce Validity Time: 600 Transport Type: UDP Enable Digest Authentication: N Exclude Digest Credentials in Configuration File: N **Parameters used in Phone** SIP Phone Port: 5060
Cisco 7941 - Standard SCCP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco 7941 - Standard SCCP Non-Secure Profile Is Standard: Y Product Type: Cisco 7941 Device Protocol: SCCP Device Security Mode: Non Secure **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048
Cisco 7941 - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco 7941 - Standard SIP Non-Secure Profile

Phone Security Profile	
Name	**Details**
	Is Standard: Y Product Type: Cisco 7941 Device Protocol: SIP Nonce Validity Time: 600 Device Security Mode: Non Secure Transport Type: TCP+UDP Enable Digest Authentication: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone** SIP Phone Port: 5060
Cisco 7941G-GE - Standard SCCP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco 7941G-GE - Standard SCCP Non-Secure Profile Is Standard: Y Product Type: Cisco 7941G-GE Device Protocol: SCCP Device Security Mode: Non Secure **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048
Cisco 7941G-GE - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco 7941G-GE - Standard SIP Non-Secure Profile Is Standard: Y Product Type: Cisco 7941G-GE Device Protocol: SIP Nonce Validity Time: 600 Device Security Mode: Non Secure Transport Type: TCP+UDP Enable Digest Authentication: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone** SIP Phone Port: 5060
Cisco 7942 - Standard SCCP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco 7942 - Standard SCCP Non-Secure Profile Is Standard: Y Product Type: Cisco 7942

Phone Security Profile	
Name	**Details**
	Device Protocol: SCCP Nonce Validity Time: 600 Device Security Mode: Non Secure Enable Digest Authentication: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048
Cisco 7942 - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco 7942 - Standard SIP Non-Secure Profile Is Standard: Y Product Type: Cisco 7942 Device Protocol: SIP Nonce Validity Time: 600 Device Security Mode: Non Secure Transport Type: TCP+UDP Enable Digest Authentication: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone** SIP Phone Port: 5060
Cisco 7945 - Standard SCCP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco 7945 - Standard SCCP Non-Secure Profile Is Standard: Y Product Type: Cisco 7945 Device Protocol: SCCP Device Security Mode: Non Secure **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048
Cisco 7945 - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco 7945 - Standard SIP Non-Secure Profile Is Standard: Y Product Type: Cisco 7945 Device Protocol: SIP Nonce Validity Time: 600 Device Security Mode: Non Secure Transport Type: TCP+UDP Enable Digest: N

Phone Security Profile	
Name	**Details**
	Authentication:
	Exclude Digest Credentials in Configuration File: N
	Phone Security Profile CAPF Information
	Authentication Mode: By Null String
	Key Order: RSA Only
	Key Size (bits): 2048
	Parameters used in Phone
	SIP Phone Port: 5060
Cisco 7960 - Standard SCCP Non-Secure Profile	**Phone Security Profile Information**
	Description: Cisco 7960 - Standard SCCP Non-Secure Profile
	Is Standard: Y
	Product Type: Cisco 7960
	Device Protocol: SCCP
	Device Security Mode: Non Secure
	TFTP Encrypted Config: N
	Phone Security Profile CAPF Information
	Authentication Mode: By Null String
	Key Order: RSA Only
	Key Size (bits): 2048
Cisco 7960 - Standard SIP Non-Secure Profile	**Phone Security Profile Information**
	Description: Cisco 7960 - Standard SIP Non-Secure Profile
	Is Standard: Y
	Product Type: Cisco 7960
	Device Protocol: SIP
	Nonce Validity Time: 600
	Transport Type: UDP
	Enable Digest Authentication: N
	Exclude Digest Credentials in Configuration File: N
	Parameters used in Phone
	SIP Phone Port: 5060
Cisco 7961 - Standard SCCP Non-Secure Profile	**Phone Security Profile Information**
	Description: Cisco 7961 - Standard SCCP Non-Secure Profile
	Is Standard: Y
	Product Type: Cisco 7961
	Device Protocol: SCCP
	Device Security Mode: Non Secure
	Phone Security Profile CAPF Information
	Authentication Mode: By Null String
	Key Order: RSA Only
	Key Size (bits): 2048
Cisco 7961 - Standard SIP Non-Secure Profile	**Phone Security Profile Information**
	Description: Cisco 7961 - Standard SIP Non-Secure Profile
	Is Standard: Y
	Product Type: Cisco 7961

Phone Security Profile	
Name	**Details**
	Device Protocol: SIP Nonce Validity Time: 600 Device Security Mode: Non Secure Transport Type: TCP+UDP Enable Digest Authentication: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone** SIP Phone Port: 5060
Cisco 7961G-GE - Standard SCCP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco 7961G-GE - Standard SCCP Non-Secure Profile Is Standard: Y Product Type: Cisco 7961G-GE Device Protocol: SCCP Device Security Mode: Non Secure **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048
Cisco 7961G-GE - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco 7961G-GE - Standard SIP Non-Secure Profile Is Standard: Y Product Type: Cisco 7961G-GE Device Protocol: SIP Nonce Validity Time: 600 Device Security Mode: Non Secure Transport Type: TCP+UDP Enable Digest Authentication: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone** SIP Phone Port: 5060
Cisco 7962 - Standard SCCP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco 7962 - Standard SCCP Non-Secure Profile Is Standard: Y Product Type: Cisco 7962 Device Protocol: SCCP Device Security Mode: Non Secure

Phone Security Profile	
Name	**Details**
	Phone Security Profile CAPF Information
	Authentication Mode: By Null String
	Key Order: RSA Only
	Key Size (bits): 2048
Cisco 7962 - Standard SIP Non-Secure Profile	**Phone Security Profile Information**
	Description: Cisco 7962 - Standard SIP Non-Secure Profile
	Is Standard: Y
	Product Type: Cisco 7962
	Device Protocol: SIP
	Nonce Validity Time: 600
	Device Security Mode: Non Secure
	Transport Type: TCP+UDP
	Enable Digest Authentication: N
	Exclude Digest Credentials in Configuration File: N
	Phone Security Profile CAPF Information
	Authentication Mode: By Null String
	Key Order: RSA Only
	Key Size (bits): 2048
	Parameters used in Phone
	SIP Phone Port: 5060
Cisco 7965 - Standard SCCP Non-Secure Profile	**Phone Security Profile Information**
	Description: Cisco 7965 - Standard SCCP Non-Secure Profile
	Is Standard: Y
	Product Type: Cisco 7965
	Device Protocol: SCCP
	Device Security Mode: Non Secure
	Phone Security Profile CAPF Information
	Authentication Mode: By Null String
	Key Order: RSA Only
	Key Size (bits): 2048
Cisco 7965 - Standard SIP Non-Secure Profile	**Phone Security Profile Information**
	Description: Cisco 7965 - Standard SIP Non-Secure Profile
	Is Standard: Y
	Product Type: Cisco 7965
	Device Protocol: SIP
	Nonce Validity Time: 600
	Device Security Mode: Non Secure
	Transport Type: TCP+UDP
	Enable Digest Authentication: N
	Exclude Digest Credentials in Configuration File: N
	Phone Security Profile CAPF Information
	Authentication Mode: By Null String
	Key Order: RSA Only
	Key Size (bits): 2048

Phone Security Profile	
Name	**Details**
	Parameters used in Phone
	SIP Phone Port: 5060
Cisco 7970 - Standard SCCP Non-Secure Profile	**Phone Security Profile Information**
	Description: Cisco 7970 - Standard SCCP Non-Secure Profile
	Is Standard: Y
	Product Type: Cisco 7970
	Device Protocol: SCCP
	Device Security Mode: Non Secure
	Phone Security Profile CAPF Information
	Authentication Mode: By Null String
	Key Order: RSA Only
	Key Size (bits): 2048
Cisco 7970 - Standard SIP Non-Secure Profile	**Phone Security Profile Information**
	Description: Cisco 7970 - Standard SIP Non-Secure Profile
	Is Standard: Y
	Product Type: Cisco 7970
	Device Protocol: SIP
	Nonce Validity Time: 600
	Device Security Mode: Non Secure
	Transport Type: TCP+UDP
	Enable Digest Authentication: N
	Exclude Digest Credentials in Configuration File: N
	Phone Security Profile CAPF Information
	Authentication Mode: By Null String
	Key Order: RSA Only
	Key Size (bits): 2048
	Parameters used in Phone
	SIP Phone Port: 5060
Cisco 7971 - Standard SCCP Non-Secure Profile	**Phone Security Profile Information**
	Description: Cisco 7971 - Standard SCCP Non-Secure Profile
	Is Standard: Y
	Product Type: Cisco 7971
	Device Protocol: SCCP
	Device Security Mode: Non Secure
	Phone Security Profile CAPF Information
	Authentication Mode: By Null String
	Key Order: RSA Only
	Key Size (bits): 2048
Cisco 7971 - Standard SIP Non-Secure Profile	**Phone Security Profile Information**
	Description: Cisco 7971 - Standard SIP Non-Secure Profile
	Is Standard: Y
	Product Type: Cisco 7971
	Device Protocol: SIP
	Nonce Validity Time: 600

Phone Security Profile	
Name	**Details**
	Device Security Mode: Non Secure Transport Type: TCP+UDP Enable Digest Authentication: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone** SIP Phone Port: 5060
Cisco 7975 - Standard SCCP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco 7975 - Standard SCCP Non-Secure Profile Is Standard: Y Product Type: Cisco 7975 Device Protocol: SCCP Device Security Mode: Non Secure **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048
Cisco 7975 - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco 7975 - Standard SIP Non-Secure Profile Is Standard: Y Product Type: Cisco 7975 Device Protocol: SIP Nonce Validity Time: 600 Device Security Mode: Non Secure Transport Type: TCP+UDP Enable Digest Authentication: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone** SIP Phone Port: 5060
Cisco 7985 - Standard SCCP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco 7985 - Standard SCCP Non-Secure Profile Is Standard: Y Product Type: Cisco 7985 Device Protocol: SCCP TFTP Encrypted Config: N
Cisco 8811 - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco 8811 - Standard SIP Non-Secure

Phone Security Profile	
Name	**Details**
	Profile
	Is Standard: Y
	Product Type: Cisco 8811
	Device Protocol: SIP
	Nonce Validity Time: 600
	Device Security Mode: Non Secure
	Transport Type: TCP+UDP
	Enable Digest Authentication: N
	Exclude Digest Credentials in Configuration File: N
	Phone Security Profile CAPF Information
	Authentication Mode: By Null String
	Key Order: RSA Only
	Key Size (bits): 2048
	Parameters used in Phone
	SIP Phone Port: 5060
Cisco 8821 - Standard SIP Non-Secure Profile	**Phone Security Profile Information**
	Description: Cisco 8821 - Standard SIP Non-Secure Profile
	Is Standard: Y
	Product Type: Cisco 8821
	Device Protocol: SIP
	Nonce Validity Time: 600
	Device Security Mode: Non Secure
	Transport Type: TCP+UDP
	Enable Digest Authentication: N
	Exclude Digest Credentials in Configuration File: N
	Phone Security Profile CAPF Information
	Authentication Mode: By Null String
	Key Order: RSA Only
	Key Size (bits): 2048
	Parameters used in Phone
	SIP Phone Port: 5060
Cisco 8831 - Standard SIP Non-Secure Profile	**Phone Security Profile Information**
	Description: Cisco 8831 - Standard SIP Non-Secure Profile
	Is Standard: Y
	Product Type: Cisco 8831
	Device Protocol: SIP
	Nonce Validity Time: 600
	Device Security Mode: Non Secure
	Transport Type: TCP+UDP
	Enable Digest Authentication: N
	Exclude Digest Credentials in Configuration File: N
	Phone Security Profile CAPF Information
	Authentication Mode: By Null String
	Key Order: RSA Only

Phone Security Profile	
Name	**Details**
	Key Size (bits): 2048 **Parameters used in Phone** SIP Phone Port: 5060
Cisco 8832 - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco 8832 - Standard SIP Non-Secure Profile Is Standard: Y Product Type: Cisco 8832 Device Protocol: SIP Nonce Validity Time: 600 Device Security Mode: Non Secure Transport Type: TCP+UDP Enable Digest Authentication: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone** SIP Phone Port: 5060
Cisco 8832NR - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco 8832NR - Standard SIP Non-Secure Profile Is Standard: Y Product Type: Cisco 8832NR Device Protocol: SIP Nonce Validity Time: 600 Device Security Mode: Non Secure Transport Type: TCP+UDP Enable Digest Authentication: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone** SIP Phone Port: 5060
Cisco 8841 - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco 8841 - Standard SIP Non-Secure Profile Is Standard: Y Product Type: Cisco 8841 Device Protocol: SIP Nonce Validity Time: 600 Device Security Mode: Non Secure Transport Type: TCP+UDP Enable Digest: N

Phone Security Profile	
Name	**Details**
	Authentication:
	Exclude Digest Credentials in Configuration File: N
	Phone Security Profile CAPF Information
	Authentication Mode: By Null String
	Key Order: RSA Only
	Key Size (bits): 2048
	Parameters used in Phone
	SIP Phone Port: 5060
Cisco 8845 - Standard SIP Non-Secure Profile	**Phone Security Profile Information**
	Description: Cisco 8845 - Standard SIP Non-Secure Profile
	Is Standard: Y
	Product Type: Cisco 8845
	Device Protocol: SIP
	Nonce Validity Time: 600
	Device Security Mode: Non Secure
	Transport Type: TCP+UDP
	Enable Digest Authentication: N
	Exclude Digest Credentials in Configuration File: N
	Phone Security Profile CAPF Information
	Authentication Mode: By Null String
	Key Order: RSA Only
	Key Size (bits): 2048
	Parameters used in Phone
	SIP Phone Port: 5060
Cisco 8851 - Standard SIP Non-Secure Profile	**Phone Security Profile Information**
	Description: Cisco 8851 - Standard SIP Non-Secure Profile
	Is Standard: Y
	Product Type: Cisco 8851
	Device Protocol: SIP
	Nonce Validity Time: 600
	Device Security Mode: Non Secure
	Transport Type: TCP+UDP
	Enable Digest Authentication: N
	Exclude Digest Credentials in Configuration File: N
	Phone Security Profile CAPF Information
	Authentication Mode: By Null String
	Key Order: RSA Only
	Key Size (bits): 2048
	Parameters used in Phone
	SIP Phone Port: 5060
Cisco 8851NR - Standard SIP Non-Secure Profile	**Phone Security Profile Information**
	Description: Cisco 8851NR - Standard SIP Non-Secure Profile
	Is Standard: Y

Phone Security Profile	
Name	**Details**
	Product Type: Cisco 8851NR Device Protocol: SIP Nonce Validity Time: 600 Device Security Mode: Non Secure Transport Type: TCP+UDP Enable Digest Authentication: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone** SIP Phone Port: 5060
Cisco 8861 - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco 8861 - Standard SIP Non-Secure Profile Is Standard: Y Product Type: Cisco 8861 Device Protocol: SIP Nonce Validity Time: 600 Device Security Mode: Non Secure Transport Type: TCP+UDP Enable Digest Authentication: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone** SIP Phone Port: 5060
Cisco 8865 - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco 8865 - Standard SIP Non-Secure Profile Is Standard: Y Product Type: Cisco 8865 Device Protocol: SIP Nonce Validity Time: 600 Device Security Mode: Non Secure Transport Type: TCP+UDP Enable Digest Authentication: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone**

Phone Security Profile	
Name	**Details**
	SIP Phone Port: 5060
Cisco 8865NR - Standard SIP Non-Secure Profile	**Phone Security Profile Information**
	Description: Cisco 8865NR - Standard SIP Non-Secure Profile
	Is Standard: Y
	Product Type: Cisco 8865NR
	Device Protocol: SIP
	Nonce Validity Time: 600
	Device Security Mode: Non Secure
	Transport Type: TCP+UDP
	Enable Digest Authentication: N
	Exclude Digest Credentials in Configuration File: N
	Phone Security Profile CAPF Information
	Authentication Mode: By Null String
	Key Order: RSA Only
	Key Size (bits): 2048
	Parameters used in Phone
	SIP Phone Port: 5060
Cisco 8941 - Standard SCCP Non-Secure Profile	**Phone Security Profile Information**
	Description: Cisco 8941 - Standard SCCP Non-Secure Profile
	Is Standard: Y
	Product Type: Cisco 8941
	Device Protocol: SCCP
	Device Security Mode: Non Secure
	Phone Security Profile CAPF Information
	Authentication Mode: By Null String
	Key Order: RSA Only
	Key Size (bits): 2048
Cisco 8941 - Standard SIP Non-Secure Profile	**Phone Security Profile Information**
	Description: Cisco 8941 - Standard SIP Non-Secure Profile
	Is Standard: Y
	Product Type: Cisco 8941
	Device Protocol: SIP
	Nonce Validity Time: 600
	Device Security Mode: Non Secure
	Transport Type: TCP+UDP
	Enable Digest Authentication: N
	Exclude Digest Credentials in Configuration File: N
	Phone Security Profile CAPF Information
	Authentication Mode: By Null String
	Key Order: RSA Only
	Key Size (bits): 2048
	Parameters used in Phone
	SIP Phone Port: 5060
Cisco 8945 - Standard SCCP Non-Secure	**Phone Security Profile Information**

Phone Security Profile

Name	Details	
Profile	Description	Cisco 8945 - Standard SCCP Non-Secure Profile
	Is Standard	Y
	Product Type	Cisco 8945
	Device Protocol	SCCP
	Device Security Mode	Non Secure
	Phone Security Profile CAPF Information	
	Authentication Mode	By Null String
	Key Order	RSA Only
	Key Size (bits)	2048
Cisco 8945 - Standard SIP Non-Secure Profile	**Phone Security Profile Information**	
	Description	Cisco 8945 - Standard SIP Non-Secure Profile
	Is Standard	Y
	Product Type	Cisco 8945
	Device Protocol	SIP
	Nonce Validity Time	600
	Device Security Mode	Non Secure
	Transport Type	TCP+UDP
	Enable Digest Authentication	N
	Exclude Digest Credentials in Configuration File	N
	Phone Security Profile CAPF Information	
	Authentication Mode	By Null String
	Key Order	RSA Only
	Key Size (bits)	2048
	Parameters used in Phone	
	SIP Phone Port	5060
Cisco 8961 - Standard SIP Non-Secure Profile	**Phone Security Profile Information**	
	Description	Cisco 8961 - Standard SIP Non-Secure Profile
	Is Standard	Y
	Product Type	Cisco 8961
	Device Protocol	SIP
	Nonce Validity Time	600
	Device Security Mode	Non Secure
	Transport Type	TCP+UDP
	Enable Digest Authentication	N
	Exclude Digest Credentials in Configuration File	N
	Phone Security Profile CAPF Information	
	Authentication Mode	By Null String
	Key Order	RSA Only
	Key Size (bits)	2048
	Parameters used in Phone	
	SIP Phone Port	5060
Cisco 9951 - Standard SIP Non-Secure Profile	**Phone Security Profile Information**	
	Description	Cisco 9951 - Standard SIP Non-Secure Profile

Phone Security Profile	
Name	**Details**
	Is Standard: Y Product Type: Cisco 9951 Device Protocol: SIP Nonce Validity Time: 600 Device Security Mode: Non Secure Transport Type: TCP+UDP Enable Digest Authentication: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone** SIP Phone Port: 5060
Cisco 9971 - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco 9971 - Standard SIP Non-Secure Profile Is Standard: Y Product Type: Cisco 9971 Device Protocol: SIP Nonce Validity Time: 600 Device Security Mode: Non Secure Transport Type: TCP+UDP Enable Digest Authentication: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone** SIP Phone Port: 5060
Cisco ATA 186 - Standard SCCP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco ATA 186 - Standard SCCP Non-Secure Profile Is Standard: Y Product Type: Cisco ATA 186 Device Protocol: SCCP TFTP Encrypted Config: N
Cisco ATA 187 - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco ATA 187 - Standard SIP Non-Secure Profile Is Standard: Y Product Type: Cisco ATA 187 Device Protocol: SIP Nonce Validity Time: 600 Device Security Mode: Non Secure Transport Type: TCP+UDP

Phone Security Profile	
Name	**Details**
	Enable Digest Authentication: N TFTP Encrypted Config: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone** SIP Phone Port: 5060
Cisco ATA 190 - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco ATA 190 - Standard SIP Non-Secure Profile Is Standard: Y Product Type: Cisco ATA 190 Device Protocol: SIP Nonce Validity Time: 600 Device Security Mode: Non Secure Transport Type: TCP+UDP Enable Digest Authentication: N TFTP Encrypted Config: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone** SIP Phone Port: 5060
Cisco ATA 191 - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco ATA 191 - Standard SIP Non-Secure Profile Is Standard: Y Product Type: Cisco ATA 191 Device Protocol: SIP Nonce Validity Time: 600 Device Security Mode: Non Secure Transport Type: TCP+UDP Enable Digest Authentication: N TFTP Encrypted Config: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone** SIP Phone Port: 5060

Phone Security Profile	
Name	**Details**
Cisco CTI Port - Standard SCCP Non-Secure Profile	**Phone Security Profile Information**
	Description: Cisco CTI Port - Standard SCCP Non-Secure Profile
	Is Standard: Y
	Product Type: CTI Port
	Device Protocol: SCCP
Cisco Cius - Standard SIP Non-Secure Profile	**Phone Security Profile Information**
	Description: Cisco Cius - Standard SIP Non-Secure Profile
	Is Standard: Y
	Product Type: Cisco Cius
	Device Protocol: SIP
	Nonce Validity Time: 600
	Device Security Mode: Non Secure
	Transport Type: TCP+UDP
	Enable Digest Authentication: N
	Exclude Digest Credentials in Configuration File: N
	Phone Security Profile CAPF Information
	Authentication Mode: By Null String
	Key Order: RSA Only
	Key Size (bits): 2048
	Parameters used in Phone
	SIP Phone Port: 5060
Cisco Cius SP - Standard SIP Non-Secure Profile	**Phone Security Profile Information**
	Description: Cisco Cius SP - Standard SIP Non-Secure Profile
	Is Standard: Y
	Product Type: Cisco Cius SP
	Device Protocol: SIP
	Nonce Validity Time: 600
	Device Security Mode: Non Secure
	Transport Type: TCP+UDP
	Enable Digest Authentication: N
	Exclude Digest Credentials in Configuration File: N
	Phone Security Profile CAPF Information
	Authentication Mode: By Null String
	Key Order: RSA Only
	Key Size (bits): 2048
	Parameters used in Phone
	SIP Phone Port: 5060
Cisco DX650 - Standard SIP Non-Secure Profile	**Phone Security Profile Information**
	Description: Cisco DX650 - Standard SIP Non-Secure Profile
	Is Standard: Y
	Product Type: Cisco DX650
	Device Protocol: SIP
	Nonce Validity Time: 600
	Device Security Mode: Non Secure

Phone Security Profile	
Name	**Details**
	Transport Type: TCP+UDP Enable Digest Authentication: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone** SIP Phone Port: 5060
Cisco DX70 - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco DX70 - Standard SIP Non-Secure Profile Is Standard: Y Product Type: Cisco DX70 Device Protocol: SIP Nonce Validity Time: 600 Device Security Mode: Non Secure Transport Type: TCP+UDP Enable Digest Authentication: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone** SIP Phone Port: 5060
Cisco DX80 - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco DX80 - Standard SIP Non-Secure Profile Is Standard: Y Product Type: Cisco DX80 Device Protocol: SIP Nonce Validity Time: 600 Device Security Mode: Non Secure Transport Type: TCP+UDP Enable Digest Authentication: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone** SIP Phone Port: 5060
Cisco Dual Mode for Android - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco Dual Mode for Android - Standard SIP Non-Secure Profile

Phone Security Profile	
Name	**Details**
	Is Standard: Y Product Type: Cisco Dual Mode for Android Device Protocol: SIP Nonce Validity Time: 600 Device Security Mode: Non Secure Transport Type: TCP+UDP Enable Digest Authentication: N TFTP Encrypted Config: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone** SIP Phone Port: 5060
Cisco Dual Mode for iPhone - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco Dual Mode for iPhone - Standard SIP Non-Secure Profile Is Standard: Y Product Type: Cisco Dual Mode for iPhone Device Protocol: SIP Nonce Validity Time: 600 Device Security Mode: Non Secure Transport Type: TCP+UDP Enable Digest Authentication: N TFTP Encrypted Config: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone** SIP Phone Port: 5060
Cisco E20 - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco E20 - Standard SIP Non-Secure Profile Is Standard: Y Product Type: Cisco E20 Device Protocol: SIP Nonce Validity Time: 600 Device Security Mode: Non Secure Transport Type: TCP+UDP Enable Digest Authentication: N TFTP Encrypted Config: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information**

Phone Security Profile	
Name	**Details**
	Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone** SIP Phone Port: 5060
Cisco EMCC Base Phone - Standard Non-Secure Profile	**Phone Security Profile Information** Description: Cisco EMCC Base Phone - Standard Non-Secure Profile Is Standard: Y Product Type: EMCC Base Phone Device Protocol: Protocol Not Specified
Cisco IP Communicator - Standard SCCP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco IP Communicator - Standard SCCP Non-Secure Profile Is Standard: Y Product Type: Cisco IP Communicator Device Protocol: SCCP Device Security Mode: Non Secure TFTP Encrypted Config: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048
Cisco IP Communicator - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco IP Communicator - Standard SIP Non-Secure Profile Is Standard: Y Product Type: Cisco IP Communicator Device Protocol: SIP Nonce Validity Time: 600 Device Security Mode: Non Secure Transport Type: TCP+UDP Enable Digest Authentication: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone** SIP Phone Port: 5060
Cisco Jabber for Tablet - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco Jabber for Tablet - Standard SIP Non-Secure Profile Is Standard: Y Product Type: Cisco Jabber for Tablet Device Protocol: SIP Nonce Validity Time: 600 Device Security Mode: Non Secure

Phone Security Profile	
Name	**Details**
	Transport Type: TCP+UDP Enable Digest Authentication: N TFTP Encrypted Config: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone** SIP Phone Port: 5060
Cisco TelePresence - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco TelePresence - Standard SIP Non-Secure Profile Is Standard: Y Product Type: Cisco TelePresence Device Protocol: SIP Nonce Validity Time: 600 Device Security Mode: Non Secure Transport Type: TCP+UDP Enable Digest Authentication: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone** SIP Phone Port: 5060
Cisco TelePresence 1000 - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco TelePresence 1000 - Standard SIP Non-Secure Profile Is Standard: Y Product Type: Cisco TelePresence 1000 Device Protocol: SIP Nonce Validity Time: 600 Device Security Mode: Non Secure Transport Type: TCP+UDP Enable Digest Authentication: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone** SIP Phone Port: 5060

Phone Security Profile

Name	Details	
Cisco TelePresence 1100 - Standard SIP Non-Secure Profile	**Phone Security Profile Information**	
	Description	Cisco TelePresence 1100 - Standard SIP Non-Secure Profile
	Is Standard	Y
	Product Type	Cisco TelePresence 1100
	Device Protocol	SIP
	Nonce Validity Time	600
	Device Security Mode	Non Secure
	Transport Type	TCP+UDP
	Enable Digest Authentication	N
	Exclude Digest Credentials in Configuration File	N
	Phone Security Profile CAPF Information	
	Authentication Mode	By Null String
	Key Order	RSA Only
	Key Size (bits)	2048
	Parameters used in Phone	
	SIP Phone Port	5060
Cisco TelePresence 1300-47 - Standard SIP Non-Secure Profile	**Phone Security Profile Information**	
	Description	Cisco TelePresence 1300-47 - Standard SIP Non-Secure Profile
	Is Standard	Y
	Product Type	Cisco TelePresence 1300-47
	Device Protocol	SIP
	Nonce Validity Time	600
	Device Security Mode	Non Secure
	Transport Type	TCP+UDP
	Enable Digest Authentication	N
	Exclude Digest Credentials in Configuration File	N
	Phone Security Profile CAPF Information	
	Authentication Mode	By Null String
	Key Order	RSA Only
	Key Size (bits)	2048
	Parameters used in Phone	
	SIP Phone Port	5060
Cisco TelePresence 1300-65 - Standard SIP Non-Secure Profile	**Phone Security Profile Information**	
	Description	Cisco TelePresence 1300-65 - Standard SIP Non-Secure Profile
	Is Standard	Y
	Product Type	Cisco TelePresence 1300-65
	Device Protocol	SIP
	Nonce Validity Time	600
	Device Security Mode	Non Secure
	Transport Type	TCP+UDP
	Enable Digest Authentication	N
	Exclude Digest Credentials in	N

Phone Security Profile	
Name	**Details**
	Configuration File:
	Phone Security Profile CAPF Information
	Authentication Mode: By Null String
	Key Order: RSA Only
	Key Size (bits): 2048
	Parameters used in Phone
	SIP Phone Port: 5060
Cisco TelePresence 200 - Standard SIP Non-Secure Profile	**Phone Security Profile Information**
	Description: Cisco TelePresence 200 - Standard SIP Non-Secure Profile
	Is Standard: Y
	Product Type: Cisco TelePresence 200
	Device Protocol: SIP
	Nonce Validity Time: 600
	Device Security Mode: Non Secure
	Transport Type: TCP+UDP
	Enable Digest Authentication: N
	Exclude Digest Credentials in Configuration File: N
	Phone Security Profile CAPF Information
	Authentication Mode: By Null String
	Key Order: RSA Only
	Key Size (bits): 2048
	Parameters used in Phone
	SIP Phone Port: 5060
Cisco TelePresence 3000 - Standard SIP Non-Secure Profile	**Phone Security Profile Information**
	Description: Cisco TelePresence 3000 - Standard SIP Non-Secure Profile
	Is Standard: Y
	Product Type: Cisco TelePresence 3000
	Device Protocol: SIP
	Nonce Validity Time: 600
	Device Security Mode: Non Secure
	Transport Type: TCP+UDP
	Enable Digest Authentication: N
	Exclude Digest Credentials in Configuration File: N
	Phone Security Profile CAPF Information
	Authentication Mode: By Null String
	Key Order: RSA Only
	Key Size (bits): 2048
	Parameters used in Phone
	SIP Phone Port: 5060
Cisco TelePresence 3200 - Standard SIP Non-Secure Profile	**Phone Security Profile Information**
	Description: Cisco TelePresence 3200 - Standard SIP Non-Secure Profile
	Is Standard: Y
	Product Type: Cisco TelePresence 3200

Phone Security Profile	
Name	**Details**
	Device Protocol: SIP Nonce Validity Time: 600 Device Security Mode: Non Secure Transport Type: TCP+UDP Enable Digest Authentication: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone** SIP Phone Port: 5060
Cisco TelePresence 400 - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco TelePresence 400 - Standard SIP Non-Secure Profile Is Standard: Y Product Type: Cisco TelePresence 400 Device Protocol: SIP Nonce Validity Time: 600 Device Security Mode: Non Secure Transport Type: TCP+UDP Enable Digest Authentication: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone** SIP Phone Port: 5060
Cisco TelePresence 500-32 - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco TelePresence 500-32 - Standard SIP Non-Secure Profile Is Standard: Y Product Type: Cisco TelePresence 500-32 Device Protocol: SIP Nonce Validity Time: 600 Device Security Mode: Non Secure Transport Type: TCP+UDP Enable Digest Authentication: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048

Phone Security Profile	
Name	**Details**
	Parameters used in Phone
	SIP Phone Port: 5060
Cisco TelePresence 500-37 - Standard SIP Non-Secure Profile	**Phone Security Profile Information**
	Description: Cisco TelePresence 500-37 - Standard SIP Non-Secure Profile
	Is Standard: Y
	Product Type: Cisco TelePresence 500-37
	Device Protocol: SIP
	Nonce Validity Time: 600
	Device Security Mode: Non Secure
	Transport Type: TCP+UDP
	Enable Digest Authentication: N
	Exclude Digest Credentials in Configuration File: N
	Phone Security Profile CAPF Information
	Authentication Mode: By Null String
	Key Order: RSA Only
	Key Size (bits): 2048
	Parameters used in Phone
	SIP Phone Port: 5060
Cisco TelePresence Codec C40 - Standard SIP Non-Secure Profile	**Phone Security Profile Information**
	Description: Cisco TelePresence Codec C40 - Standard SIP Non-Secure Profile
	Is Standard: Y
	Product Type: Cisco TelePresence Codec C40
	Device Protocol: SIP
	Nonce Validity Time: 600
	Device Security Mode: Non Secure
	Transport Type: TCP+UDP
	Enable Digest Authentication: N
	TFTP Encrypted Config: N
	Exclude Digest Credentials in Configuration File: N
	Phone Security Profile CAPF Information
	Authentication Mode: By Null String
	Key Order: RSA Only
	Key Size (bits): 2048
	Parameters used in Phone
	SIP Phone Port: 5060
Cisco TelePresence Codec C60 - Standard SIP Non-Secure Profile	**Phone Security Profile Information**
	Description: Cisco TelePresence Codec C60 - Standard SIP Non-Secure Profile
	Is Standard: Y
	Product Type: Cisco TelePresence Codec C60
	Device Protocol: SIP
	Nonce Validity Time: 600
	Device Security Mode: Non Secure
	Transport Type: TCP+UDP

Phone Security Profile	
Name	**Details**
	Enable Digest Authentication: N TFTP Encrypted Config: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone** SIP Phone Port: 5060
Cisco TelePresence Codec C90 - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco TelePresence Codec C90 - Standard SIP Non-Secure Profile Is Standard: Y Product Type: Cisco TelePresence Codec C90 Device Protocol: SIP Nonce Validity Time: 600 Device Security Mode: Non Secure Transport Type: TCP+UDP Enable Digest Authentication: N TFTP Encrypted Config: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone** SIP Phone Port: 5060
Cisco TelePresence DX70 - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco TelePresence DX70 - Standard SIP Non-Secure Profile Is Standard: Y Product Type: Cisco TelePresence DX70 Device Protocol: SIP Nonce Validity Time: 600 Device Security Mode: Non Secure Transport Type: TCP+UDP Enable Digest Authentication: N TFTP Encrypted Config: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone**

Phone Security Profile	
Name	**Details**
	SIP Phone Port: 5060
Cisco TelePresence EX60 - Standard SIP Non-Secure Profile	**Phone Security Profile Information**
	Description: Cisco TelePresence EX60 - Standard SIP Non-Secure Profile
	Is Standard: Y
	Product Type: Cisco TelePresence EX60
	Device Protocol: SIP
	Nonce Validity Time: 600
	Device Security Mode: Non Secure
	Transport Type: TCP+UDP
	Enable Digest Authentication: N
	TFTP Encrypted Config: N
	Exclude Digest Credentials in Configuration File: N
	Phone Security Profile CAPF Information
	Authentication Mode: By Null String
	Key Order: RSA Only
	Key Size (bits): 2048
	Parameters used in Phone
	SIP Phone Port: 5060
Cisco TelePresence EX90 - Standard SIP Non-Secure Profile	**Phone Security Profile Information**
	Description: Cisco TelePresence EX90 - Standard SIP Non-Secure Profile
	Is Standard: Y
	Product Type: Cisco TelePresence EX90
	Device Protocol: SIP
	Nonce Validity Time: 600
	Device Security Mode: Non Secure
	Transport Type: TCP+UDP
	Enable Digest Authentication: N
	TFTP Encrypted Config: N
	Exclude Digest Credentials in Configuration File: N
	Phone Security Profile CAPF Information
	Authentication Mode: By Null String
	Key Order: RSA Only
	Key Size (bits): 2048
	Parameters used in Phone
	SIP Phone Port: 5060
Cisco TelePresence IX5000 - Standard SIP Non-Secure Profile	**Phone Security Profile Information**
	Description: Cisco TelePresence IX5000 - Standard SIP Non-Secure Profile
	Is Standard: Y
	Product Type: Cisco TelePresence IX5000
	Device Protocol: SIP
	Nonce Validity Time: 600
	Device Security Mode: Non Secure
	Transport Type: TCP+UDP

Phone Security Profile	
Name	**Details**
	Enable Digest Authentication: N TFTP Encrypted Config: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone** SIP Phone Port: 5060
Cisco TelePresence MX200 - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco TelePresence MX200 - Standard SIP Non-Secure Profile Is Standard: Y Product Type: Cisco TelePresence MX200 Device Protocol: SIP Nonce Validity Time: 600 Device Security Mode: Non Secure Transport Type: TCP+UDP Enable Digest Authentication: N TFTP Encrypted Config: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone** SIP Phone Port: 5060
Cisco TelePresence MX200 G2 - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco TelePresence MX200 G2 - Standard SIP Non-Secure Profile Is Standard: Y Product Type: Cisco TelePresence MX200 G2 Device Protocol: SIP Nonce Validity Time: 600 Device Security Mode: Non Secure Transport Type: TCP+UDP Enable Digest Authentication: N TFTP Encrypted Config: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone**

Phone Security Profile	
Name	**Details**
	SIP Phone Port: 5060
Cisco TelePresence MX300 - Standard SIP Non-Secure Profile	**Phone Security Profile Information**
	Description: Cisco TelePresence MX300 - Standard SIP Non-Secure Profile
	Is Standard: Y
	Product Type: Cisco TelePresence MX300
	Device Protocol: SIP
	Nonce Validity Time: 600
	Device Security Mode: Non Secure
	Transport Type: TCP+UDP
	Enable Digest Authentication: N
	TFTP Encrypted Config: N
	Exclude Digest Credentials in Configuration File: N
	Phone Security Profile CAPF Information
	Authentication Mode: By Null String
	Key Order: RSA Only
	Key Size (bits): 2048
	Parameters used in Phone
	SIP Phone Port: 5060
Cisco TelePresence MX300 G2 - Standard SIP Non-Secure Profile	**Phone Security Profile Information**
	Description: Cisco TelePresence MX300 G2 - Standard SIP Non-Secure Profile
	Is Standard: Y
	Product Type: Cisco TelePresence MX300 G2
	Device Protocol: SIP
	Nonce Validity Time: 600
	Device Security Mode: Non Secure
	Transport Type: TCP+UDP
	Enable Digest Authentication: N
	TFTP Encrypted Config: N
	Exclude Digest Credentials in Configuration File: N
	Phone Security Profile CAPF Information
	Authentication Mode: By Null String
	Key Order: RSA Only
	Key Size (bits): 2048
	Parameters used in Phone
	SIP Phone Port: 5060
Cisco TelePresence MX700 - Standard SIP Non-Secure Profile	**Phone Security Profile Information**
	Description: Cisco TelePresence MX700 - Standard SIP Non-Secure Profile
	Is Standard: Y
	Product Type: Cisco TelePresence MX700
	Device Protocol: SIP
	Nonce Validity Time: 600
	Device Security Mode: Non Secure
	Transport Type: TCP+UDP

Phone Security Profile	
Name	**Details**
	Enable Digest Authentication: N TFTP Encrypted Config: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone** SIP Phone Port: 5060
Cisco TelePresence MX800 - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco TelePresence MX800 - Standard SIP Non-Secure Profile Is Standard: Y Product Type: Cisco TelePresence MX800 Device Protocol: SIP Nonce Validity Time: 600 Device Security Mode: Non Secure Transport Type: TCP+UDP Enable Digest Authentication: N TFTP Encrypted Config: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone** SIP Phone Port: 5060
Cisco TelePresence MX800 Dual - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco TelePresence MX800 Dual - Standard SIP Non-Secure Profile Is Standard: Y Product Type: Cisco TelePresence MX800 Dual Device Protocol: SIP Nonce Validity Time: 600 Device Security Mode: Non Secure Transport Type: TCP+UDP Enable Digest Authentication: N TFTP Encrypted Config: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone**

Phone Security Profile	
Name	**Details**
	SIP Phone Port: 5060
Cisco TelePresence Profile 42 C20 - Standard SIP Non-Secure Profile	**Phone Security Profile Information**
	Description: Cisco TelePresence Profile 42 (C20) - Standard SIP Non-Secure Profile
	Is Standard: Y
	Product Type: Cisco TelePresence Profile 42 (C20)
	Device Protocol: SIP
	Nonce Validity Time: 600
	Device Security Mode: Non Secure
	Transport Type: TCP+UDP
	Enable Digest Authentication: N
	TFTP Encrypted Config: N
	Exclude Digest Credentials in Configuration File: N
	Phone Security Profile CAPF Information
	Authentication Mode: By Null String
	Key Order: RSA Only
	Key Size (bits): 2048
	Parameters used in Phone
	SIP Phone Port: 5060
Cisco TelePresence Profile 42 C40 - Standard SIP Non-Secure Profile	**Phone Security Profile Information**
	Description: Cisco TelePresence Profile 42 (C40) - Standard SIP Non-Secure Profile
	Is Standard: Y
	Product Type: Cisco TelePresence Profile 42 (C40)
	Device Protocol: SIP
	Nonce Validity Time: 600
	Device Security Mode: Non Secure
	Transport Type: TCP+UDP
	Enable Digest Authentication: N
	TFTP Encrypted Config: N
	Exclude Digest Credentials in Configuration File: N
	Phone Security Profile CAPF Information
	Authentication Mode: By Null String
	Key Order: RSA Only
	Key Size (bits): 2048
	Parameters used in Phone
	SIP Phone Port: 5060
Cisco TelePresence Profile 42 C60 - Standard SIP Non-Secure Profile	**Phone Security Profile Information**
	Description: Cisco TelePresence Profile 42 (C60) - Standard SIP Non-Secure Profile
	Is Standard: Y
	Product Type: Cisco TelePresence Profile 42 (C60)
	Device Protocol: SIP
	Nonce Validity Time: 600
	Device Security Mode: Non Secure
	Transport Type: TCP+UDP

Phone Security Profile	
Name	**Details**
	Enable Digest Authentication: N TFTP Encrypted Config: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone** SIP Phone Port: 5060
Cisco TelePresence Profile 52 C40 - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco TelePresence Profile 52 (C40) - Standard SIP Non-Secure Profile Is Standard: Y Product Type: Cisco TelePresence Profile 52 (C40) Device Protocol: SIP Nonce Validity Time: 600 Device Security Mode: Non Secure Transport Type: TCP+UDP Enable Digest Authentication: N TFTP Encrypted Config: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone** SIP Phone Port: 5060
Cisco TelePresence Profile 52 C60 - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco TelePresence Profile 52 (C60) - Standard SIP Non-Secure Profile Is Standard: Y Product Type: Cisco TelePresence Profile 52 (C60) Device Protocol: SIP Nonce Validity Time: 600 Device Security Mode: Non Secure Transport Type: TCP+UDP Enable Digest Authentication: N TFTP Encrypted Config: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone**

Phone Security Profile	
Name	**Details**
	SIP Phone Port: 5060
Cisco TelePresence Profile 52 Dual C60 - Standard SIP Non-Secure Profile	**Phone Security Profile Information**
	Description: Cisco TelePresence Profile 52 Dual (C60) - Standard SIP Non-Secure Profile
	Is Standard: Y
	Product Type: Cisco TelePresence Profile 52 Dual (C60)
	Device Protocol: SIP
	Nonce Validity Time: 600
	Device Security Mode: Non Secure
	Transport Type: TCP+UDP
	Enable Digest Authentication: N
	TFTP Encrypted Config: N
	Exclude Digest Credentials in Configuration File: N
	Phone Security Profile CAPF Information
	Authentication Mode: By Null String
	Key Order: RSA Only
	Key Size (bits): 2048
	Parameters used in Phone
	SIP Phone Port: 5060
Cisco TelePresence Profile 65 C60 - Standard SIP Non-Secure Profile	**Phone Security Profile Information**
	Description: Cisco TelePresence Profile 65 (C60) - Standard SIP Non-Secure Profile
	Is Standard: Y
	Product Type: Cisco TelePresence Profile 65 (C60)
	Device Protocol: SIP
	Nonce Validity Time: 600
	Device Security Mode: Non Secure
	Transport Type: TCP+UDP
	Enable Digest Authentication: N
	TFTP Encrypted Config: N
	Exclude Digest Credentials in Configuration File: N
	Phone Security Profile CAPF Information
	Authentication Mode: By Null String
	Key Order: RSA Only
	Key Size (bits): 2048
	Parameters used in Phone
	SIP Phone Port: 5060
Cisco TelePresence Profile 65 Dual C90 - Standard SIP Non-Secure Profile	**Phone Security Profile Information**
	Description: Cisco TelePresence Profile 65 Dual (C90) - Standard SIP Non-Secure Profile
	Is Standard: Y
	Product Type: Cisco TelePresence Profile 65 Dual (C90)
	Device Protocol: SIP
	Nonce Validity Time: 600
	Device Security Mode: Non Secure
	Transport Type: TCP+UDP

Phone Security Profile	
Name	**Details**
	Enable Digest Authentication: N TFTP Encrypted Config: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone** SIP Phone Port: 5060
Cisco TelePresence Quick Set C20 - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco TelePresence Quick Set C20 - Standard SIP Non-Secure Profile Is Standard: Y Product Type: Cisco TelePresence Quick Set C20 Device Protocol: SIP Nonce Validity Time: 600 Device Security Mode: Non Secure Transport Type: TCP+UDP Enable Digest Authentication: N TFTP Encrypted Config: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone** SIP Phone Port: 5060
Cisco TelePresence SX10 - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco TelePresence SX10 - Standard SIP Non-Secure Profile Is Standard: Y Product Type: Cisco TelePresence SX10 Device Protocol: SIP Nonce Validity Time: 600 Device Security Mode: Non Secure Transport Type: TCP+UDP Enable Digest Authentication: N TFTP Encrypted Config: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone**

Phone Security Profile	
Name	**Details**
	SIP Phone Port: 5060
Cisco TelePresence SX20 - Standard SIP Non-Secure Profile	**Phone Security Profile Information**
	Description: Cisco TelePresence SX20 - Standard SIP Non-Secure Profile
	Is Standard: Y
	Product Type: Cisco TelePresence SX20
	Device Protocol: SIP
	Nonce Validity Time: 600
	Device Security Mode: Non Secure
	Transport Type: TCP+UDP
	Enable Digest Authentication: N
	TFTP Encrypted Config: N
	Exclude Digest Credentials in Configuration File: N
	Phone Security Profile CAPF Information
	Authentication Mode: By Null String
	Key Order: RSA Only
	Key Size (bits): 2048
	Parameters used in Phone
	SIP Phone Port: 5060
Cisco TelePresence SX80 - Standard SIP Non-Secure Profile	**Phone Security Profile Information**
	Description: Cisco TelePresence SX80 - Standard SIP Non-Secure Profile
	Is Standard: Y
	Product Type: Cisco TelePresence SX80
	Device Protocol: SIP
	Nonce Validity Time: 600
	Device Security Mode: Non Secure
	Transport Type: TCP+UDP
	Enable Digest Authentication: N
	TFTP Encrypted Config: N
	Exclude Digest Credentials in Configuration File: N
	Phone Security Profile CAPF Information
	Authentication Mode: By Null String
	Key Order: RSA Only
	Key Size (bits): 2048
	Parameters used in Phone
	SIP Phone Port: 5060
Cisco TelePresence TX1310-65 - Standard SIP Non-Secure Profile	**Phone Security Profile Information**
	Description: Cisco TelePresence TX1310-65 - Standard SIP Non-Secure Profile
	Is Standard: Y
	Product Type: Cisco TelePresence TX1310-65
	Device Protocol: SIP
	Nonce Validity Time: 600
	Device Security Mode: Non Secure
	Transport Type: TCP+UDP

Phone Security Profile	
Name	**Details**
	Enable Digest Authentication: N TFTP Encrypted Config: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone** SIP Phone Port: 5060
Cisco TelePresence TX9000 - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco TelePresence TX9000 - Standard SIP Non-Secure Profile Is Standard: Y Product Type: Cisco TelePresence TX9000 Device Protocol: SIP Nonce Validity Time: 600 Device Security Mode: Non Secure Transport Type: TCP+UDP Enable Digest Authentication: N TFTP Encrypted Config: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone** SIP Phone Port: 5060
Cisco TelePresence TX9200 - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco TelePresence TX9200 - Standard SIP Non-Secure Profile Is Standard: Y Product Type: Cisco TelePresence TX9200 Device Protocol: SIP Nonce Validity Time: 600 Device Security Mode: Non Secure Transport Type: TCP+UDP Enable Digest Authentication: N TFTP Encrypted Config: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone**

Phone Security Profile	
Name	**Details**
	SIP Phone Port: 5060
Cisco UC for RTX - Standard SIP Non-Secure Profile	**Phone Security Profile Information**
	Description: Cisco Unified Communications for RTX - Standard SIP Non-Secure Profile
	Is Standard: Y
	Product Type: Cisco Unified Communications for RTX
	Device Protocol: SIP
	Device Security Mode: Non Secure
	Transport Type: TCP+UDP
	TFTP Encrypted Config: N
	Phone Security Profile CAPF Information
	Authentication Mode: By Null String
	Key Order: RSA Only
	Key Size (bits): 2048
	Parameters used in Phone
	SIP Phone Port: 5060
Cisco Unified Client Services Framework - Standard SIP Non-Secure Profile	**Phone Security Profile Information**
	Description: Cisco Unified Client Services Framework - Standard SIP Non-Secure Profile
	Is Standard: Y
	Product Type: Cisco Unified Client Services Framework
	Device Protocol: SIP
	Device Security Mode: Non Secure
	Transport Type: TCP+UDP
	TFTP Encrypted Config: N
	Phone Security Profile CAPF Information
	Authentication Mode: By Null String
	Key Order: RSA Only
	Key Size (bits): 2048
	Parameters used in Phone
	SIP Phone Port: 5060
Cisco Unified Personal Communicator - Standard SIP Non-Secure Profile	**Phone Security Profile Information**
	Description: Cisco Unified Personal Communicator - Standard SIP Non-Secure Profile
	Is Standard: Y
	Product Type: Cisco Unified Personal Communicator
	Device Protocol: SIP
	Transport Type: TCP+UDP
	Parameters used in Phone
	SIP Phone Port: 5060
Cisco VGC Phone - Standard SCCP Non-Secure Profile	**Phone Security Profile Information**
	Description: Cisco VGC Phone - Standard SCCP Non-Secure Profile
	Is Standard: Y
	Product Type: Cisco VGC Phone
	Device Protocol: SCCP
	TFTP Encrypted Config: N
Cisco VGC Virtual Phone - Standard SCCP Non-Secure Profile	**Phone Security Profile Information**
	Description: Cisco VGC Virtual Phone - Standard SCCP Non-Secure Profile

Phone Security Profile	
Name	**Details**
	Is Standard: Y Product Type: Cisco VGC Virtual Phone Device Protocol: SCCP TFTP Encrypted Config: N
Cisco VXC 6215 - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco VXC 6215 - Standard SIP Non-Secure Profile Is Standard: Y Product Type: Cisco VXC 6215 Device Protocol: SIP Device Security Mode: Non Secure Transport Type: TCP+UDP TFTP Encrypted Config: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone** SIP Phone Port: 5060
Cisco Webex DX80 - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco Webex DX80 - Standard SIP Non-Secure Profile Is Standard: Y Product Type: Cisco Webex DX80 Device Protocol: SIP Nonce Validity Time: 600 Device Security Mode: Non Secure Transport Type: TCP+UDP Enable Digest Authentication: N TFTP Encrypted Config: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone** SIP Phone Port: 5060
Cisco Webex Room 55 - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco Webex Room 55 - Standard SIP Non-Secure Profile Is Standard: Y Product Type: Cisco Webex Room 55 Device Protocol: SIP Nonce Validity Time: 600 Device Security Mode: Non Secure Transport Type: TCP+UDP Enable Digest Authentication: N TFTP Encrypted Config: N

Phone Security Profile	
Name	**Details**
	Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone** SIP Phone Port: 5060
Cisco Webex Room 55 Dual - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco Webex Room 55 Dual - Standard SIP Non-Secure Profile Is Standard: Y Product Type: Cisco Webex Room 55 Dual Device Protocol: SIP Nonce Validity Time: 600 Device Security Mode: Non Secure Transport Type: TCP+UDP Enable Digest Authentication: N TFTP Encrypted Config: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone** SIP Phone Port: 5060
Cisco Webex Room 70 Dual - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco Webex Room 70 Dual - Standard SIP Non-Secure Profile Is Standard: Y Product Type: Cisco Webex Room 70 Dual Device Protocol: SIP Nonce Validity Time: 600 Device Security Mode: Non Secure Transport Type: TCP+UDP Enable Digest Authentication: N TFTP Encrypted Config: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone** SIP Phone Port: 5060
Cisco Webex Room 70 Dual G2 - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco Webex Room 70 Dual G2 - Standard SIP Non-Secure Profile

Phone Security Profile	
Name	**Details**
	Is Standard: Y Product Type: Cisco Webex Room 70 Dual G2 Device Protocol: SIP Nonce Validity Time: 600 Device Security Mode: Non Secure Transport Type: TCP+UDP Enable Digest Authentication: N TFTP Encrypted Config: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone** SIP Phone Port: 5060
Cisco Webex Room 70 Single - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco Webex Room 70 Single - Standard SIP Non-Secure Profile Is Standard: Y Product Type: Cisco Webex Room 70 Single Device Protocol: SIP Nonce Validity Time: 600 Device Security Mode: Non Secure Transport Type: TCP+UDP Enable Digest Authentication: N TFTP Encrypted Config: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone** SIP Phone Port: 5060
Cisco Webex Room 70 Single G2 - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco Webex Room 70 Single G2 - Standard SIP Non-Secure Profile Is Standard: Y Product Type: Cisco Webex Room 70 Single G2 Device Protocol: SIP Nonce Validity Time: 600 Device Security Mode: Non Secure Transport Type: TCP+UDP Enable Digest Authentication: N TFTP Encrypted Config: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information**

Phone Security Profile	
Name	**Details**
	Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone** SIP Phone Port: 5060
Cisco Webex Room Kit - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco Webex Room Kit - Standard SIP Non-Secure Profile Is Standard: Y Product Type: Cisco Webex Room Kit Device Protocol: SIP Nonce Validity Time: 600 Device Security Mode: Non Secure Transport Type: TCP+UDP Enable Digest Authentication: N TFTP Encrypted Config: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone** SIP Phone Port: 5060
Cisco Webex Room Kit Mini - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco Webex Room Kit Mini - Standard SIP Non-Secure Profile Is Standard: Y Product Type: Cisco Webex Room Kit Mini Device Protocol: SIP Nonce Validity Time: 600 Device Security Mode: Non Secure Transport Type: TCP+UDP Enable Digest Authentication: N TFTP Encrypted Config: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone** SIP Phone Port: 5060
Cisco Webex Room Kit Plus - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco Webex Room Kit Plus - Standard SIP Non-Secure Profile Is Standard: Y Product Type: Cisco Webex Room Kit Plus Device Protocol: SIP

Phone Security Profile	
Name	**Details**
	Nonce Validity Time: 600 Device Security Mode: Non Secure Transport Type: TCP+UDP Enable Digest Authentication: N TFTP Encrypted Config: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone** SIP Phone Port: 5060
Cisco Webex Room Kit Pro - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Cisco Webex Room Kit Pro - Standard SIP Non-Secure Profile Is Standard: Y Product Type: Cisco Webex Room Kit Pro Device Protocol: SIP Nonce Validity Time: 600 Device Security Mode: Non Secure Transport Type: TCP+UDP Enable Digest Authentication: N TFTP Encrypted Config: N Exclude Digest Credentials in Configuration File: N **Phone Security Profile CAPF Information** Authentication Mode: By Null String Key Order: RSA Only Key Size (bits): 2048 **Parameters used in Phone** SIP Phone Port: 5060
Generic Desktop Video Endpoint - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Generic Desktop Video Endpoint - Standard SIP Non-Secure Profile Is Standard: Y Product Type: Generic Desktop Video Endpoint Device Protocol: SIP Nonce Validity Time: 600 Device Security Mode: Non Secure Transport Type: TCP+UDP Enable Digest Authentication: N Exclude Digest Credentials in Configuration File: N **Parameters used in Phone** SIP Phone Port: 5060
Generic Multiple Screen Room System - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Generic Multiple Screen Room System - Standard SIP Non-Secure Profile

Phone Security Profile	
Name	**Details**
	Is Standard: Y Product Type: Generic Multiple Screen Room System Device Protocol: SIP Nonce Validity Time: 600 Device Security Mode: Non Secure Transport Type: TCP+UDP Enable Digest Authentication: N Exclude Digest Credentials in Configuration File: N **Parameters used in Phone** SIP Phone Port: 5060
Generic Single Screen Room System - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Generic Single Screen Room System - Standard SIP Non-Secure Profile Is Standard: Y Product Type: Generic Single Screen Room System Device Protocol: SIP Nonce Validity Time: 600 Device Security Mode: Non Secure Transport Type: TCP+UDP Enable Digest Authentication: N Exclude Digest Credentials in Configuration File: N **Parameters used in Phone** SIP Phone Port: 5060
IMS-integrated Mobile Basic - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: IMS-integrated Mobile (Basic) - Standard SIP Non-Secure Profile Is Standard: Y Product Type: IMS-integrated Mobile (Basic) Device Protocol: SIP Nonce Validity Time: 600 Transport Type: TCP+UDP Enable Digest Authentication: N TFTP Encrypted Config: N Exclude Digest Credentials in Configuration File: N **Parameters used in Phone** SIP Phone Port: 5060
IP-STE - Standard SCCP Non-Secure Profile	**Phone Security Profile Information** Description: IP-STE - Standard SCCP Non-Secure Profile Is Standard: Y Product Type: IP-STE Device Protocol: SCCP
ISDN BRI Phone - Standard SCCP Non-Secure Profile	**Phone Security Profile Information** Description: ISDN BRI Phone - Standard SCCP Non-Secure Profile Is Standard: Y

Phone Security Profile	
Name	**Details**
	Product Type: ISDN BRI Phone Device Protocol: SCCP TFTP Encrypted Config: N
Nokia S60 - Standard SCCP Non-Secure Profile	**Phone Security Profile Information** Description: Nokia S60 - Standard SCCP Non-Secure Profile Is Standard: Y Product Type: Nokia S60 Device Protocol: SCCP Device Security Mode: Non Secure
Standard Non-secure SCCP Gateway Virtual Phone Security Profile	**Phone Security Profile Information** Description: Standard Non-secure SCCP Gateway Virtual Phone Security Profile Is Standard: Y Product Type: SCCP gateway virtual phone Device Protocol: SCCP
Third-party AS-SIP Endpoint - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Third-party AS-SIP Endpoint - Standard SIP Non-Secure Profile Is Standard: Y Product Type: Third-party AS-SIP Endpoint Device Protocol: SIP Nonce Validity Time: 600 Device Security Mode: Non Secure Transport Type: TCP+UDP Enable Digest Authentication: N Exclude Digest Credentials in Configuration File: N **Parameters used in Phone** SIP Phone Port: 5060
Third-party SIP Device Advanced - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Third-party SIP Device (Advanced) - Standard SIP Non-Secure Profile Is Standard: Y Product Type: Third-party SIP Device (Advanced) Device Protocol: SIP Nonce Validity Time: 600 Transport Type: TCP+UDP Enable Digest Authentication: N Exclude Digest Credentials in Configuration File: N **Parameters used in Phone** SIP Phone Port: 5060
Third-party SIP Device Basic - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Third-party SIP Device (Basic) - Standard SIP Non-Secure Profile Is Standard: Y Product Type: Third-party SIP Device (Basic) Device Protocol: SIP

Phone Security Profile	
Name	**Details**
	Nonce Validity Time: 600 Transport Type: TCP+UDP Enable Digest Authentication: N Exclude Digest Credentials in Configuration File: N **Parameters used in Phone** SIP Phone Port: 5060
Transnova S3 - Standard SIP Non-Secure Profile	**Phone Security Profile Information** Description: Transnova S3 - Standard SIP Non-Secure Profile Is Standard: Y Product Type: Transnova S3 Device Protocol: SIP Nonce Validity Time: 600 Device Security Mode: Non Secure Transport Type: TCP+UDP Enable Digest Authentication: N Exclude Digest Credentials in Configuration File: N **Parameters used in Phone** SIP Phone Port: 5060

2.23.3 SIP Trunk Security Profile

The SIP Trunk Security Profile object includes security-related settings such as transport type, device security mode, digest authentication settings, and authorization settings for incoming SIP messages. Security profiles must be applied to all SIP trunks that are configured.

SIP Trunk Security Profile	
Name	**Details**
Non Secure SIP Conference Bridge (S)	**SIP Profile Information** Description: Non Secure SIP Conference Bridge Device Security Mode: Non Secure Incoming Transport Type: TCP+UDP Outgoing Transport Type: TCP Enable Digest Authentication: N Nonce Validity Time (mins): 600 X.509 Subject Name: Incoming Port: 5060 Enable Application Level Authorization: N Accept Presence Subscription: N Accept Out-of-Dialog REFER: N Accept Unsolicited Notification: N Accept Replaces Header: N Transmit Security Status: N

SIP Trunk Security Profile	
Name	**Details**
	Allow charging header: N SIP V.150 Outbound SDP Offer Filtering: Use Default Filter
Non Secure SIP Trunk Profile	**SIP Profile Information**
	Description: Non Secure SIP Trunk Profile authenticated by null String
	Device Security Mode: Non Secure
	Incoming Transport Type: TCP+UDP
	Outgoing Transport Type: TCP
	Enable Digest Authentication: N
	Nonce Validity Time (mins): 600
	X.509 Subject Name:
	Incoming Port: 5060
	Enable Application Level Authorization: N
	Accept Presence Subscription: N
	Accept Out-of-Dialog REFER: N
	Accept Unsolicited Notification: N
	Accept Replaces Header: N
	Transmit Security Status: N
	Allow charging header: N
	SIP V.150 Outbound SDP Offer Filtering: Use Default Filter

2.23.4 CUMA Server Security Profile

Cisco Unified Communications Manager Administration groups security-related settings to allow you to assign a single security profile to multiple Cisco Unified Mobile Communicator clients. Security-related settings include device security mode, incoming transport type, and X.509 subject name. Configuring a Cisco Unified Mobility Advantage server security profile in Cisco Unified Communications Manager Administration automatically applies this profile to all configured Cisco Unified Mobile Communicator clients on that Cisco Unified Communications Manager.

< No records found >

2.24 Application Server

The following Cisco application servers are known to the cluster:

Application Server	
Hostname or IP Address	**Details**
CUCService	Application Server Type: Cisco Unity Voice Mail 4.x or later IP Address: 10.5.1.121 Selected Application Users: CUCService

2.25 Geolocation

Geographical location information, or geolocation, describes a physical position in the world that may correspond to the past, present, or future location of a person, event, or device.

Cisco Unified Communications Manager Administration allows you to specify a geolocation for every device.

The Request for Comments (RFC) 4119 standard provides the basis for geolocations. Geolocations use the civic location format that specifies the following fields: country, A1, A2, A3, A4, A5, A6, PRD, POD, STS, HNO, HNS, LMK, LOC, FLR, NAM, and PC.

You assign these geolocations to VoIP phones, VoIP gateways, IP trunks, device pools, and enterprise parameters.

You can define geolocation filters that select a subset of fields from geolocation and associate with VoIP gateways, IP trunks, device pools, and enterprise parameters

Geolocation	
Name	**Details**
Local Town	
	Description: Around here
	Country using the two-letter abbreviation: ad
	State, Region, or Province (A1): My State or region
	County or Parish (A2): My County or Parish
	City or Township (A3):
	Borough or City District (A4):
	Neighborhood (A5):
	Street (A6): Main Street
	Leading Street Direction, such as N or W (PRD):
	Trailing Street Suffix, such as SW (POD):
	Address Suffix, such as Avenue, Platz (STS): Avenue
	Numeric house number (HNO): 26
	House Number Suffix, such as A, 1/2 (HNS):
	Landmark (LMK):
	Additional Location Information, such as Room Number (LOC): 1
	Floor (FLR): 1
	Name of Business or Resident (NAM):
	Zip or Postal Code (PC): X2Z555
Unspecified	
	Description:
	Country using the two-letter abbreviation:
	State, Region, or Province (A1):
	County or Parish (A2):
	City or Township (A3):
	Borough or City District (A4):
	Neighborhood (A5):
	Street (A6):
	Leading Street Direction, such as N or W (PRD):
	Trailing Street Suffix, such as SW (POD):
	Address Suffix, such as Avenue, Platz (STS):
	Numeric house number (HNO):
	House Number Suffix, such as A, 1/2 (HNS):
	Landmark (LMK):
	Additional Location Information, such as Room Number (LOC):
	Floor (FLR):
	Name of Business or Resident (NAM):
	Zip or Postal Code (PC):

2.26 Geolocation Filter

Geolocation filters allow selection of specific fields from the 17 geolocation fields for the purpose of creating an identifier from the selected fields. Geolocation filters get configured manually and are assigned to devices.

The following logic determines the geolocation filter value:

- For phone device that is in roaming, read the geolocation filter value from DP in roaming configuration. For phone device that is not in roaming, read the geolocation filter value from DP in device configuration.
- For trunk, intercluster trunk, or MGCP port device, read geolocation filter value from device window. If no value is configured, read from DP.
- If DP is not configured with a geolocation filter value, use blank value.
- If available filter is blank, call processing uses the value that the Default Geolocation Filter enterprise parameter specifies.

Geolocation	
Name	**Details**
Country	

Description	Filter by Country and More
Match geolocations using the following criteria:	
Country using the two-letter abbreviation	Y
State, Region, or Province (A1)	N
County or Parish (A2)	N
City or Township (A3)	N
Borough or City District (A4)	N
Neighborhood (A5)	N
Street (A6)	N
Leading Street Direction, such as N or W (PRD)	N
Trailing Street Suffix, such as SW (POD)	N
Address Suffix, such as Avenue, Platz (STS)	Y
Numeric house number (HNO)	N
House Number Suffix, such as A, 1/2 (HNS)	Y
Landmark (LMK)	N
Additional Location Information, such as Room Number (LOC)	N
Floor (FLR)	Y
Name of Business or Resident (NAM)	N
Zip or Postal Code (PC)	Y

FilterByCity

Description	
Match geolocations using the following criteria:	
Country using the two-letter abbreviation	N
State, Region, or Province (A1)	N
County or Parish (A2)	N
City or Township (A3)	Y
Borough or City District (A4)	N
Neighborhood (A5)	N
Street (A6)	N
Leading Street Direction, such as N or W (PRD)	N
Trailing Street Suffix, such as SW (POD)	N
Address Suffix, such as Avenue, Platz (STS)	N
Numeric house number (HNO)	N
House Number Suffix, such as A, 1/2 (HNS)	N
Landmark (LMK)	N
Additional Location Information, such as Room Number (LOC)	N
Floor (FLR)	N
Name of Business or Resident (NAM)	N
Zip or Postal Code (PC)	N

2.27 E911 Messages

The E911 Messages Configuration page displays the Agreement, Disclaimer, and Error messages. Optionally, you can edit the E911 messages to be displayed on off-premises devices.

E911 Messages		
Language	**Type**	**Message**
English, United States	Agreement	Dialing emergency numbers (e.g. 911, 122, etc.) may not work on an enterprise c lass IP telephony network like that used for this phone. Correct location info rmation may not be passed on to emergency responders. Your network administrat or can advise you about the capabilities of your network, including the dialing sequence you will need to use when on or off the enterprise premises. Select Next to acknowledge this Information.
English, United States	Disclaimer	You have chosen not to update your current location. If you select Continue, y ou acknowledge that your administrator may restrict calls from this phone until you decide to make your location known.
English, United States	Error	There was an error updating your location. Correct location information may not be passed on to emergency responders.

3 Call Routing

Cisco Unified Communications Manager (CUCM) uses route plans to route internal calls within a Cisco Unified Communications Manager (CUCM) cluster, and external calls to a private network or the public switched telephone network (PSTN).

Route patterns, route filters, route lists, route groups, line groups, hunt lists, and hunt pilots provide flexibility in network design. Route patterns work in conjunction with route filters to direct calls to specific devices and to include or exclude specific digit patterns. Use route patterns to include and exclude digit patterns. Use route filters primarily to include digit patterns. Route lists control the selection order of the route groups. Route groups set the selection order of the gateway devices.

You can assign route patterns to gateways, to trunks, or to a route list that contains one or more route groups. Route groups determine the order of preference for gateway and trunk usage. Route groups allow overflows from busy or failed devices to alternate devices.

Route lists determine the order of preference for route group usage. If a route list is configured, you must configure at least one route group. One or more route lists can point to one or more route groups.

Route filters may restrict certain numbers that are otherwise allowed by a route pattern from being routed. Tags, or clauses, provide the core component of route filters. A tag applies a name to a portion of the dialed digits. For example, the North American Numbering Plan (NANP) number 972-555-1234 contains the LOCAL-AREA-CODE (972), OFFICE-CODE (555), and SUBSCRIBER (1234) tags.

Route patterns represent all valid digit strings. Cisco Analog Access Trunk Gateways, Cisco Digital Access Trunk Gateways, Cisco MGCP gateways, H.323-compliant gateways, and trunks also use route patterns. Cisco gateways can route ranges of numbers with complex restrictions and manipulate directory numbers before the Cisco Unified Communications Manager (CUCM) passes them on to an adjacent system. The adjacent system can include a central office (CO), a private branch exchange (PBX), or a gateway on another Cisco Unified Communications Manager (CUCM) system.

Line groups comprise a list of DNs. Line groups specify a distribution algorithm (such as Top Down) for the members of the line group. Line groups also specify the hunt options to use in cases where

the line group members do not answer, are busy, or are not available. A directory number may belong to more than one line group.

Hunt lists comprise ordered groupings of line groups. A line group may belong to more than one hunt list. A hunt list must specify at least one line group before the hunt list can accept calls.

Hunt pilots represent route patterns that are used for hunting. A hunt pilot can specify a partition, numbering plan, route filter, and hunt forward settings. A hunt pilot must specify a hunt list.

3.1 AAR Group

Automated alternate routing (AAR) provides a mechanism to reroute calls through the PSTN when a call is blocked due to insufficient location bandwidth. With automated alternate routing, the caller does not need to hang up and redial the called party.

Cisco Unified Communications Manager (CUCM) automatically attempts to reroute calls, due to insufficient bandwidth, through the PSTN or other network only when the AAREnable enterprise parameter is set to true. Cisco Unified Communications Manager (CUCM) uses the device-based AAR calling search space, which is assigned to Cisco IP Phone station devices and gateway devices, when it attempts to route the call to the gateway device that connects to the PSTN or other network.

Cisco Unified Communications Manager (CUCM) retrieves the prefix digits from the AAR dial prefix matrix table based on the AAR group value of the originating line/DN and gateway device and the AAR group value of the terminating line, and Cisco voice-mail port, to transform the derived alternate number.

AAR Group	
From Group to Destination Group	**Prefix Digits**
AARGroupTest to AARGroupTest	159159

3.2 Dial Rules

Cisco Unified Communications Manager (CUCM) supports different types of dial rules: Application Dial Rules, Directory Lookup Dial Rules, and SIP Dial Rules.

The administrator uses Application Dial Rules to add and sort the priority of dialing rules for applications such as Cisco WebDialer, Cisco IPMA, and Cisco Unified Communications Manager (CUCM) Attendant Console. Application Dial Rules automatically strip numbers from or add numbers to telephone numbers that the user dials. For example, the dial rules automatically add the digit 9 in front of a 7-digit telephone number to provide access to an outside line.

Cisco Unified Communications Manager (CUCM) Attendant Console uses directory lookup rules to transform caller identification numbers into numbers that can be looked up in the directory. If Cisco Unified Communications Manager (CUCM) Attendant Console can match the number with a user in the speed-dial entries of the attendant or in the directory, the attendant console displays the name in the Call Detail window.

Cisco Unified Communications Manager (CUCM) performs system digit analysis and routing; however, the Cisco SIP IP Phone needs to know when enough digits are collected before call processing takes place, so the administrator configures SIP Dial Rules and adds the SIP dial rule to the phone.

This section contains:

- Application Dial Rules
- Directory Lookup Dial Rules
- SIP Dial Rules

3.2.1 Application Dial Rules

The administrator uses dial rules configuration to add and sort the priority of dialing rules. Dial rules for applications such as Cisco Unified Communications Manager Assistant automatically strip numbers from or add numbers to telephone numbers that a user dials. For example, the dial rules

can automatically add the digit 9 in front of a 7-digit telephone number to provide access to an outside line.

For example, in Cisco Unified Communications Manager Assistant, the assistant can perform a directory search from the assistant console. The assistant can drag and drop the directory entry to the My Calls panel on the assistant console, which invokes a call to the number that is listed in the entry. The dial rules apply to the number that is listed in the entry before the call gets made.

Application Dial Rules						
Priority	Name	Description	Number Begins With	Number of Digits	Total Digits to be Removed	Prefix With Pattern
1	AppDialRuleTestFrance		0*	10	0	0033

3.2.2 Directory Lookup Dial Rules

Directory lookup rules transform caller identification numbers into numbers that can be looked up in the directory. Each rule specifies which numbers to transform based on the beginning digits and length of the number. For example, you can create a directory lookup rule that automatically removes the area code and 2 prefix digits from a 10-digit telephone, which would transform 4085551212 into 51212. If Cisco Unified Communications Manager Attendant Console can match the number with a user in the speed-dial entries of the attendant or in the directory, the attendant console displays the name in the Call Detail window.

Directory Lookup Dial Rules						
Priority	Name	Description	Number Begins With	Number of Digits	Total Digits to be Removed	Prefix With Pattern
1	DirLookupDialRuleTest		987	7	3	987

3.2.3 SIP Dial Rules

SIP dial rules are used to configure SIP phone dial plans and associate them with SIP phones.

Without SIP dial rules, the user must press the Dial softkey unless the phone supports KPML. SIP dial rules must get associated with a SIP phone, so the dial plans get sent to the device.

Pattern recognition is concerned only with automating the collection of user digit input, to be forwarded automatically to Cisco Unified Communications Manager (CUCM) without requiring inter-digit timeout or pressing the Dial key. All enforcement of class of service is handled by the various calling search spaces chosen from within Cisco Unified Communications Manager (CUCM).

SIP Dial Rules			
Name	Description	Dial Pattern	Pattern Information
SIPDialRuleTest		7940_7960_OTHER	

ID	Description	Dial Parameter and Value
0	LongDistance	Button : 4 Timeout : 2

3.3 Route Filter

Route filters, along with route patterns/hunt pilots, use dialed-digit strings to determine how a call is handled. Route filters only apply when you configure a pattern that contains the at (@) wildcard. When the route pattern-hunt pilot contains the @ wildcard, Cisco Unified Communications Manager routes calls according to the numbering plan that is specified in the Numbering Plan drop-down list box.

Route filters allow you to determine which route patterns/hunt pilots your users can dial; for example, whether your users can manually choose a long-distance carrier (by dialing 101 plus a carrier access code).

Route Filter		
Dialplan	Name	Clause
NANP	RouteFilterTest	(AREA-CODE EXISTS AND COUNTRY-CODE EXISTS AND END-OF-DIALING

Route Filter		
Dialplan	**Name**	**Clause**
		DOES-NOT-EXIST) OR (SATELLITE-SERVICE DOES-NOT-EXIST)

3.4 Route / Hunt

The system uses route plans to determine how to route calls between clusters, and how to route external calls to a private network or to the Public Switched Telephone Network (PSTN). The route plan that you configure specifies the path that the system uses to route each type of call. For example, you can create a route plan that uses the IP network for on-net calls, or that uses one carrier for local PSTN calls and another for international calls.

The Route/Hunt section contains the following items:

- Route Group
- Route List
- Route Pattern
- Line Group
- Hunt Pilot - List and Group
- Hunt List
- Hunt Pilot

3.4.1 Route List and Route Group

A route group allows you to designate the order in which gateways and trunks are selected. It allows you to prioritize a list of gateways and ports for outgoing trunk selection. A Route Group can be added to any number of Route Lists.

A route list associates a set of route groups in a specified priority order. A route list then associates with one or more route patterns and determines the order in which those route groups are accessed. The order controls the progress of the search for available devices for outgoing calls.

A route list can only contain route groups. Each route list should have at least one route group. Each route group includes at least one available device, such as a gateway.

Route List		
Name	**Route List Information**	**Route List Member Information**
RouteListTest		

Route List Information

Description	
CUCM Group	CMG_ForTesting
Enabled	Y
Run On All Active Unified CM Nodes	N
Route Group Members	Test Route Group For Testing

Route List Member Information

Route Group Name	Details
Test Route Group For Testing	

Details

Calling Party Transformations	
Use Calling Party's External Mask	Default
Calling Party Transform Mask	
Prefix Digits (Outgoing Calls)	
Calling Party Number Type	Cisco CallManager
Calling Party Numbering Plan	Cisco CallManager
Called Party Transformations	
Discard Digits	< None >
Called Party Transform Mask	
Prefix Digits (Outgoing Calls)	
Called Party Number Type	Cisco CallManager
Called Party Numbering Plan	Cisco CallManager

Route List		
Name	Route List Information	Route List Member Information
		Route Group Information Distribution Algorithm: Circular Members:

3.4.2 Route Group

A route group allows you to designate the order in which gateways and trunks are selected. It allows you to prioritize a list of gateways and ports for outgoing trunk selection.

For example, if you use two long-distance carriers, you could add a route group, so that long-distance calls to the less expensive carrier are given priority. Calls route to the more expensive carrier only if the first trunk is unavailable.

Route Group	
Name	Details
RouteGroupTest	Distribution Algorithm: Circular Route Group Members: TrunkTest_H.225 (All Ports)

3.4.3 Local Route Group Names

A route list associates a set of route groups oredered by priority. A route list then associates with one or more route patterns and determines the order in which those route groups are accessed. The order controls the progress of the search for available devices for outgoing calls.

A route list can contain only route groups. Each route list should have at least one route group. Each route group includes at least one available device, such as a gateway. Based on device type, Cisco Unified Communications Manager can choose some, or all, ports as resources in each route group. Some devices, such as digital access, only allow you to choose all ports.

Local Route Group Names	
Name	Description
Standard Local Route Group	1568471832
Test Route Group For Testing	1568881563

3.4.4 Route List

A route list associates a set of route groups in order of priority. A route list then associates with one or more route patterns and determines the order in which those route groups are accessed. The order controls the progress of the search for available devices for outgoing calls.

A route list can contain only route groups. Each route list should have at least one route group. Each route group includes at least one device, such as a gateway, that is available. Based on device type, Cisco Unified Communications Manager can choose some, or all, ports as resources in each route group. Some devices, such as digital access, only allow you to choose all ports.

Route List	
Name	Details
RouteListTest	Description: CUCM Group: CMG_ForTesting Enabled: Y Run On All Active Unified CM Nodes: N Route Group Members: Test Route Group For Testing

3.4.5 Route Pattern (Condensed)

A route pattern comprises a string of digits (an address) and a set of associated digit manipulations that route calls to a route list or a gateway. Route patterns provide flexibility in network design. They work in conjunction with route filters and route lists to direct calls to specific devices and to include, exclude, or modify specific digit patterns.

If a gateway does not have a route pattern, it cannot place calls to the PSTN or to a PBX. To assign a route pattern to an individual port on a gateway, you must assign a route list and a route group to that port.

Route Pattern (Short)															
Pattern Definition						Calling Party Transformations					Connected Party Transformations		Called Party Transformations		
Pattern	Partition	Route Filter	Route / Block	Gateway/Route List	Description	Use Ext.Mask	Transform Mask	Prefix Digits	Line Presentation	Name Presentation	Line Presentation	Name Presentation	Discard Digits	Transform Mask	Prefix Digits
909090	P_1	< None >	Route	RouteListTest	Route Pattern Test	N			Default	Default	Default	Default	< None >		
998877	INFORMACAST_PT	< None >	Route	INFORMACAST_SIP_TRUNK		N			Default	Default	Default	Default	< None >		

3.4.6 Hunt Pilot - List and Group

Hunt lists comprise ordered groupings of line groups. A line group may belong to more than one hunt list. Hunt pilots associate with hunt lists. A hunt list may associate with more than one hunt pilot.

A hunt pilot comprises a string of digits (an address) and a set of associated digit manipulations that route calls to a hunt list. They represent the start of the hunt process. Hunt pilots provide flexibility in network design. They work in conjunction with route filters and hunt lists to direct calls to specific devices and to include, exclude, or modify specific digit patterns. A hunt pilot can specify a partition, numbering plan, route filter, and hunt forward settings. A hunt pilot must specify a hunt list.

Pilot Point, Hunt List and Line Groups

Pilot Point	Hunt List Information		Line Group(s)		
908070 / P_3	Name	HL_Perth_Test	Name	Details	
	Description	Hunt List for Tests	LG_Perth	RNA Reversion Timeout	10
	CUCM Group	CMG_ForTesting		Distribution Algorithm	Longest Idle Time
	Enable this Hunt List	Y		**Hunt Options**	
	For Voice Mail Usage	N		No Answer	Try next member; then, try next group in Hunt List
	Line Group Members	LG_Perth LG_Sydney		Busy	Try next member; then, try next group in Hunt List
				Not Available	Try next member; then, try next group in Hunt List
				Members	
			LG_Sydney	RNA Reversion Timeout	10
				Distribution Algorithm	Longest Idle Time
				Hunt Options	
				No Answer	Try next member; then, try next group in Hunt List
				Busy	Try next member; then, try next group in Hunt List
				Not Available	Try next member; then, try next group in Hunt List
				Members	0877601 / P_Perth 0877606 / P_Perth 0877605 / P_Perth
9800 / P_1	Name	HL_CUC	Name	Details	
	Description		LG_CUC	RNA Reversion Timeout	10
	CUCM Group	CMG_Subs		Distribution Algorithm	Top Down
	Enable this Hunt List	Y		**Hunt Options**	
	For Voice Mail Usage	Y		No Answer	Try next member; then, try next group in Hunt List
	Line Group Members	LG_CUC		Busy	Try next member; then, try next group in Hunt List
				Not Available	Try next member; then, try next group in Hunt List
				Members	9801 / P_1 9802 / P_1

3.4.7 Line Group

A line group allows you to designate the order in which directory numbers are chosen. Cisco Unified Communications Manager distributes a call to idle or available members of a line group based on a call distribution algorithm and on the Ring No Answer Reversion (RNAR) Timeout setting.

Line Group

Name	Details	
LG_Brisbane	RNA Reversion Timeout	10

Line Group	
Name	**Details**
	Distribution Algorithm: Longest Idle Time **Hunt Options** No Answer: Try next member; then, try next group in Hunt List Busy: Try next member; then, try next group in Hunt List Not Available: Try next member; then, try next group in Hunt List Members:
LG_CUC	RNA Reversion Timeout: 10 Distribution Algorithm: Top Down **Hunt Options** No Answer: Try next member; then, try next group in Hunt List Busy: Try next member; then, try next group in Hunt List Not Available: Try next member; then, try next group in Hunt List Members: 9801 / P_1 9802 / P_1
LG_Perth	RNA Reversion Timeout: 10 Distribution Algorithm: Longest Idle Time **Hunt Options** No Answer: Try next member; then, try next group in Hunt List Busy: Try next member; then, try next group in Hunt List Not Available: Try next member; then, try next group in Hunt List Members:
LG_Sydney	RNA Reversion Timeout: 10 Distribution Algorithm: Longest Idle Time **Hunt Options** No Answer: Try next member; then, try next group in Hunt List Busy: Try next member; then, try next group in Hunt List Not Available: Try next member; then, try next group in Hunt List Members: 0877601 / P_Perth 0877606 / P_Perth 0877605 / P_Perth

3.4.8 Hunt List

A Hunt List lists a set of Line groups in a specific order. A hunt list then associates with one or more hunt pilots and determines the order in which those line groups are accessed. The order controls the progress of the search for available directory numbers for incoming calls.

Hunt List	
Name	**Hunt List Information**
HL_CUC	Description: CUCM Group: CMG_Subs Enable this Hunt List: Y For Voice Mail Usage: Y Hunt List Members: LG_CUC
HL_Perth_Test	Description: Hunt List for Tests CUCM Group: CMG_ForTesting Enable this Hunt List: Y For Voice Mail Usage: N Hunt List Members: LG_Perth LG_Sydney

3.4.9 Hunt Pilot

Hunt pilots comprise sets of digits. They comprise lists of route patterns that are used for hunting. A hunt pilot can specify a partition, numbering plan, route filter, and hunt forward settings. A hunt pilot must specify a hunt list.

Hunt Pilot (Details)		
Hunt Pilot / Partition	**Details**	
908070 / P_3	**Pattern Definition**	
	Description	Test Hunt Pilot
	Numbering Plan	< None >
	Route Filter	< None >
	MLPP Precedence	Default
	Hunt List	HL_Perth_Test
	Call Pickup Group	PG_1 in P_Sydney
	Alerting Name	
	ASCII Alerting Name	
	Route Option	Route this pattern
	Provide Outside Dial Tone	Y
	Urgent Priority	N
	Hunt Call Treatment Settings	
	Forward Hunt No Answer	Use Forward Settings of Line Group Member
	Maximum Hunt Timer	
	Forward Hunt Busy	Do Not Forward Unanswered Calls
	Queueing	
	Queue Calls	N
	Park Monitoring	
	Destination	
	Calling Search Space	
	Calling Party Transformations	
	Use Calling Party's External Mask	N
	Calling Party Transform Mask	
	Prefix Digits (Outgoing Calls)	
	Calling Line ID Presentation	Default
	Calling Name Presentation	Default
	Calling Party Number Type	Cisco CallManager
	Calling Party Numbering Plan	Cisco CallManager
	Connected Party Transformations	
	Connected Line ID Presentation	Default
	Display Line Group Member DN as Connected Party	N
	Connected Name Presentation	Default
	Called Party Transformations	
	Discard Digits	< None >
	Called Party Transform Mask	
	Prefix Digits (Outgoing Calls)	
	Called Party Number Type	Cisco CallManager
	Called Party Numbering Plan	Cisco CallManager
	AAR Group Settings	
	AAR Group	< None >
	External Number Mask	
9800 / P_1	**Pattern Definition**	
	Description	Voicemail CUC
	Numbering Plan	< None >
	Route Filter	< None >

Hunt Pilot (Details)

Hunt Pilot / Partition	Details	
	MLPP Precedence	Default
	Hunt List	HL_CUC
	Call Pickup Group	< None >
	Alerting Name	
	ASCII Alerting Name	
	Route Option	Route this pattern
	Provide Outside Dial Tone	Y
	Urgent Priority	N
	Hunt Call Treatment Settings	
	Forward Hunt No Answer	Do Not Forward Unanswered Calls
	Maximum Hunt Timer	
	Forward Hunt Busy	Do Not Forward Unanswered Calls
	Queueing	
	Queue Calls	N
	Park Monitoring	
	Destination	
	Calling Search Space	
	Calling Party Transformations	
	Use Calling Party's External Mask	N
	Calling Party Transform Mask	
	Prefix Digits (Outgoing Calls)	
	Calling Line ID Presentation	Default
	Calling Name Presentation	Default
	Calling Party Number Type	Cisco CallManager
	Calling Party Numbering Plan	Cisco CallManager
	Connected Party Transformations	
	Connected Line ID Presentation	Default
	Display Line Group Member DN as Connected Party	N
	Connected Name Presentation	Default
	Called Party Transformations	
	Discard Digits	< None >
	Called Party Transform Mask	
	Prefix Digits (Outgoing Calls)	
	Called Party Number Type	Cisco CallManager
	Called Party Numbering Plan	Cisco CallManager
	AAR Group Settings	
	AAR Group	< None >
	External Number Mask	

3.5 SIP Route Pattern (Condensed)

Cisco Unified Communications Manager uses SIP route patterns to route or block both internal and external calls.

The domain name or IP address provides the basis for routing. The administrator can add domains, IP addresses, and IP network (subnet) addresses and associate them to SIP trunks (only). This method allows requests that are destined for these domains to be routed through particular SIP trunk interfaces.

SIP Route Pattern (Short)												
Pattern Definition						Calling Party Transformations					Connected Party Transformations	
Pattern	Partition	Pattern Usage	Route / Block	SIP Trunk	Description	Use Ext.Mask	Transform Mask	Prefix Digits	Line Presentation	Name Presentation	Line Presentation	Name Presentation
10.5.255.0/24	P_3	IPAddress Routing	N	RouteListTest	Purely a test with non functional ip range	N			Default	Default	Default	Default

3.6 Class of Control

This section contains the settings for Class of Control. The Class of Control is a way to determine what destinations a given d3evice can reach, and comprises primarily Partitions and Call Search Spaces. The Class of Control contains access to settings for:

- Access Lsit
- Time Schedule and Period
- Partition
- Calling Search Space

3.6.1 Access List

An access list, which supports Cisco Unified Mobility, specifies a list that determines the phone numbers that the system can pass or block from being passed to remote destinations.

Access List				
Name	**Description**	**Owner**	**Allowed/Blocked**	**Selected Filters**
AL_Test	Test Access List		Blocked	Directory Number 99876654*

3.6.2 Time Schedule and Period

A time schedule comprises a group of time periods. Time schedules get assigned to partitions. Time schedules determine the partitions where calling devices search when they are attempting to complete a call during a particular time of day.

A time period comprises a time range that is defined by a start time and end time. Time periods also specify a repetition interval either as days of the week or a specified date on the yearly calendar. Administrators define time periods and then associate the time periods with time schedules.

Time Schedule and Period	
Time Schedule	**Time Period**
All the time	**Time Period Information** **Name**: All the time; **Time Of Day Start**: 00:00; **Time Of Day End**: 24:00; **Repeat Every**: Week from Sun through Sat
TimeScheduleTest	**Time Period Information** **Name**: Wednesdays; **Time Of Day Start**: 00:00; **Time Of Day End**: 24:00; **Repeat Every**: Week from Wed through Wed

3.6.3 Partition

A partition comprises a logical grouping of directory numbers (DNs) and route patterns with similar reachability characteristics. Devices that are typically placed in partitions include DNs and route patterns. These entities associate with DNs that users dial.

Partition			
Name	**Description**	**Time Schedule**	**Time Zone**
Directory URI		< None >	Originating Device
Global Learned E164 Numbers	Created 2019-09-14 07:40:21	< None >	Originating Device
Global Learned E164 Patterns	Created 2019-09-14 07:40:21	< None >	Originating Device
Global Learned Enterprise Numbers	Created 2019-09-14 07:40:21	< None >	Originating Device
Global Learned Enterprise Patterns	Created 2019-09-14 07:40:21	< None >	Originating Device
INFORMACAST_PT	INFORMACAST_PT	< None >	Originating Device
P_1	P_1	< None >	Originating Device
P_11	P_11	< None >	Originating Device
P_12	P_12	< None >	Originating Device
P_2	P_2	< None >	Originating Device

Partition			
Name	**Description**	**Time Schedule**	**Time Zone**
P_3	P_3	< None >	Originating Device
P_4	P_4	< None >	Originating Device
P_5	P_5	< None >	Originating Device
P_AutoReg	P_AutoReg	< None >	Originating Device
P_Brisbane	P_Brisbane	< None >	Originating Device
P_Brisbane_1	P_Brisbane_1	< None >	Originating Device
P_Brisbane_2	P_Brisbane_2	< None >	Originating Device
P_Brisbane_3	P_Brisbane_3	< None >	Originating Device
P_LoggedOut	P_LoggedOut	< None >	Originating Device
P_Perth	P_Perth	< None >	Originating Device
P_Perth_1	P_Perth_1	< None >	Originating Device
P_Perth_2	P_Perth_2	< None >	Originating Device
P_Perth_3	P_Perth_3	< None >	Originating Device
P_Sydney	P_Sydney	< None >	Originating Device
P_Sydney_1	P_Sydney_1	< None >	Originating Device
P_Sydney_2	P_Sydney_2	< None >	Originating Device
P_Sydney_3	P_Sydney_3	< None >	Originating Device

3.6.4 Calling Search Space

A calling search space (CSS) comprises an ordered list of route partitions that are typically assigned to devices. Calling search spaces determine the partitions that calling devices search when they are attempting to complete a call.

When a calling search space is assigned to a device, the list of partitions in the calling search space determine the partitions that the device is allowed to reach.

Calling Search Space		
Name	**Description**	**Route Partitions for this Calling Search Space**
CSS_1		Directory URI Global Learned E164 Numbers Global Learned E164 Patterns Global Learned Enterprise Numbers Global Learned Enterprise Patterns P_1 P_2 P_3 P_4 P_5 P_AutoReg P_Brisbane P_Brisbane_1 P_Brisbane_2 P_Brisbane_3 P_LoggedOut P_Perth P_Perth_1 P_Perth_2 P_Perth_3 P_Sydney P_Sydney_1 P_Sydney_2 P_Sydney_3
CSS_2		Directory URI Global Learned E164 Numbers Global Learned E164 Patterns Global Learned Enterprise Numbers Global Learned Enterprise Patterns P_1 P_2 P_3

Calling Search Space		
Name	**Description**	**Route Partitions for this Calling Search Space**
		P_4 P_5 P_AutoReg P_Brisbane P_Brisbane_1 P_Brisbane_2 P_Brisbane_3 P_LoggedOut P_Perth P_Perth_1 P_Perth_2 P_Perth_3 P_Sydney P_Sydney_1 P_Sydney_2 P_Sydney_3
CSS_3		Directory URI Global Learned E164 Numbers Global Learned E164 Patterns Global Learned Enterprise Numbers Global Learned Enterprise Patterns P_1 P_2 P_3 P_4 P_5 P_AutoReg P_Brisbane P_Brisbane_1 P_Brisbane_2 P_Brisbane_3 P_LoggedOut P_Perth P_Perth_1 P_Perth_2 P_Perth_3 P_Sydney P_Sydney_1 P_Sydney_2 P_Sydney_3
CSS_Autoreg		Directory URI Global Learned E164 Numbers Global Learned E164 Patterns Global Learned Enterprise Numbers Global Learned Enterprise Patterns P_1 P_2 P_3 P_4 P_5 P_AutoReg P_Brisbane P_Brisbane_1 P_Brisbane_2 P_Brisbane_3 P_LoggedOut P_Perth P_Perth_1 P_Perth_2 P_Perth_3 P_Sydney P_Sydney_1 P_Sydney_2 P_Sydney_3
CSS_Brisbane		Directory URI Global Learned E164 Numbers Global Learned E164 Patterns

Calling Search Space		
Name	**Description**	**Route Partitions for this Calling Search Space**
		Global Learned Enterprise Numbers Global Learned Enterprise Patterns P_1 P_2 P_3 P_4 P_5 P_AutoReg P_Brisbane P_Brisbane_1 P_Brisbane_2 P_Brisbane_3 P_LoggedOut P_Perth P_Perth_1 P_Perth_2 P_Perth_3 P_Sydney P_Sydney_1 P_Sydney_2 P_Sydney_3
CSS_Brisbane_InternNat		Directory URI Global Learned E164 Numbers Global Learned E164 Patterns Global Learned Enterprise Numbers Global Learned Enterprise Patterns P_1 P_2 P_3 P_4 P_5 P_AutoReg P_Brisbane P_Brisbane_1 P_Brisbane_2 P_Brisbane_3 P_LoggedOut P_Perth P_Perth_1 P_Perth_2 P_Perth_3 P_Sydney P_Sydney_1 P_Sydney_2 P_Sydney_3
CSS_Brisbane_Local		Directory URI Global Learned E164 Numbers Global Learned E164 Patterns Global Learned Enterprise Numbers Global Learned Enterprise Patterns P_1 P_2 P_3 P_4 P_5 P_AutoReg P_Brisbane P_Brisbane_1 P_Brisbane_2 P_Brisbane_3 P_LoggedOut P_Perth P_Perth_1 P_Perth_2 P_Perth_3 P_Sydney P_Sydney_1

Calling Search Space		
Name	**Description**	**Route Partitions for this Calling Search Space**
		P_Sydney_2 P_Sydney_3
CSS_Brisbane_National		Directory URI Global Learned E164 Numbers Global Learned E164 Patterns Global Learned Enterprise Numbers Global Learned Enterprise Patterns P_1 P_2 P_3 P_4 P_5 P_AutoReg P_Brisbane P_Brisbane_1 P_Brisbane_2 P_Brisbane_3 P_LoggedOut P_Perth P_Perth_1 P_Perth_2 P_Perth_3 P_Sydney P_Sydney_1 P_Sydney_2 P_Sydney_3
CSS_LoggedOut		Directory URI Global Learned E164 Numbers Global Learned E164 Patterns Global Learned Enterprise Numbers Global Learned Enterprise Patterns INFORMACAST_PT P_1 P_2 P_3 P_4 P_5 P_AutoReg P_Brisbane P_Brisbane_1 P_Brisbane_2 P_Brisbane_3 P_LoggedOut P_Perth P_Perth_1 P_Perth_2 P_Perth_3 P_Sydney P_Sydney_1 P_Sydney_2 P_Sydney_3
CSS_MK-Test		Directory URI Global Learned E164 Numbers Global Learned E164 Patterns Global Learned Enterprise Numbers Global Learned Enterprise Patterns P_1 P_2 P_3 P_4 P_5 P_AutoReg P_Brisbane P_Brisbane_1 P_Brisbane_2 P_Brisbane_3 P_LoggedOut

Calling Search Space		
Name	**Description**	**Route Partitions for this Calling Search Space**
		P_Perth P_Perth_1 P_Perth_2 P_Perth_3 P_Sydney P_Sydney_1 P_Sydney_2 P_Sydney_3
CSS_Perth		Directory URI Global Learned E164 Numbers Global Learned E164 Patterns Global Learned Enterprise Numbers Global Learned Enterprise Patterns P_1 P_2 P_3 P_4 P_5 P_AutoReg P_Brisbane P_Brisbane_1 P_Brisbane_2 P_Brisbane_3 P_LoggedOut P_Perth P_Perth_1 P_Perth_2 P_Perth_3 P_Sydney P_Sydney_1 P_Sydney_2 P_Sydney_3
CSS_Perth_InternNat		Directory URI Global Learned E164 Numbers Global Learned E164 Patterns Global Learned Enterprise Numbers Global Learned Enterprise Patterns P_1 P_2 P_3 P_4 P_5 P_AutoReg P_Brisbane P_Brisbane_1 P_Brisbane_2 P_Brisbane_3 P_LoggedOut P_Perth P_Perth_1 P_Perth_2 P_Perth_3 P_Sydney P_Sydney_1 P_Sydney_2 P_Sydney_3
CSS_Perth_Local		Directory URI Global Learned E164 Numbers Global Learned E164 Patterns Global Learned Enterprise Numbers Global Learned Enterprise Patterns P_1 P_2 P_3 P_4 P_5 P_AutoReg

Calling Search Space		
Name	**Description**	**Route Partitions for this Calling Search Space**
		P_Brisbane P_Brisbane_1 P_Brisbane_2 P_Brisbane_3 P_LoggedOut P_Perth P_Perth_1 P_Perth_2 P_Perth_3 P_Sydney P_Sydney_1 P_Sydney_2 P_Sydney_3
CSS_Perth_National		Directory URI Global Learned E164 Numbers Global Learned E164 Patterns Global Learned Enterprise Numbers Global Learned Enterprise Patterns P_1 P_2 P_3 P_4 P_5 P_AutoReg P_Brisbane P_Brisbane_1 P_Brisbane_2 P_Brisbane_3 P_LoggedOut P_Perth P_Perth_1 P_Perth_2 P_Perth_3 P_Sydney P_Sydney_1 P_Sydney_2 P_Sydney_3
CSS_Sydney		Directory URI Global Learned E164 Numbers Global Learned E164 Patterns Global Learned Enterprise Numbers Global Learned Enterprise Patterns P_1 P_2 P_3 P_4 P_5 P_AutoReg P_Brisbane P_Brisbane_1 P_Brisbane_2 P_Brisbane_3 P_LoggedOut P_Perth P_Perth_1 P_Perth_2 P_Perth_3 P_Sydney P_Sydney_1 P_Sydney_2 P_Sydney_3
CSS_Sydney_InternNat		Directory URI Global Learned E164 Numbers Global Learned E164 Patterns Global Learned Enterprise Numbers Global Learned Enterprise Patterns INFORMACAST_PT

Calling Search Space		
Name	**Description**	**Route Partitions for this Calling Search Space**
		P_1 P_2 P_3 P_4 P_5 P_AutoReg P_Brisbane P_Brisbane_1 P_Brisbane_2 P_Brisbane_3 P_LoggedOut P_Perth P_Perth_1 P_Perth_2 P_Perth_3 P_Sydney P_Sydney_1 P_Sydney_2 P_Sydney_3
CSS_Sydney_Local		Directory URI Global Learned E164 Numbers Global Learned E164 Patterns Global Learned Enterprise Numbers Global Learned Enterprise Patterns INFORMACAST_PT P_1 P_2 P_3 P_4 P_5 P_AutoReg P_Brisbane P_Brisbane_1 P_Brisbane_2 P_Brisbane_3 P_LoggedOut P_Perth P_Perth_1 P_Perth_2 P_Perth_3 P_Sydney P_Sydney_1 P_Sydney_2 P_Sydney_3
CSS_Sydney_National		Directory URI Global Learned E164 Numbers Global Learned E164 Patterns Global Learned Enterprise Numbers Global Learned Enterprise Patterns INFORMACAST_PT P_1 P_2 P_3 P_4 P_5 P_AutoReg P_Brisbane P_Brisbane_1 P_Brisbane_2 P_Brisbane_3 P_LoggedOut P_Perth P_Perth_1 P_Perth_2 P_Perth_3 P_Sydney P_Sydney_1

Calling Search Space		
Name	**Description**	**Route Partitions for this Calling Search Space**
		P_Sydney_2 P_Sydney_3
INFORMACAST_CSS		Directory URI INFORMACAST_PT P_1 P_2 P_3 P_4 P_5 P_AutoReg P_Brisbane P_Brisbane_1 P_Brisbane_2 P_Brisbane_3 P_LoggedOut P_Perth P_Perth_1 P_Perth_2 P_Perth_3 P_Sydney P_Sydney_1 P_Sydney_2 P_Sydney_3

3.7 Intercom

Intercom combines the functionality of a traditional line and a speed dial. With an intercom line, a user can call the intercom line of another user, which auto-answers to one-way audio whisper. The recipient can then acknowledge the whispered call and initiate a two-way intercom call.

Users can use an intercom line to dial any other intercom line in the intercom partition, or the administrator can preconfigure the line to target an intercom line outside the intercom partition.

Note: Users can use an intercom line only to dial other intercom lines.

Intercom allows a user to place a call to a predefined target. The called destination auto-answers the call in speakerphone mode with mute activated. This sets up a one-way voice path between the initiator and the destination, so the initiator can deliver a short message, regardless of whether the called party is busy or idle.

To ensure that the voice of the called party does not get sent back to the caller when the intercom call is automatically answered, Cisco Unified Communications Manager implements whisper intercom. Whisper intercom means that only one-way audio exists from the caller to the called party. The called party must manually press a key to talk to the caller.

3.7.1 Intercom Route Partition

An intercom partition contains a list of route patterns [directory number (DN) and route patterns]. Partitions facilitate call routing by dividing the route plan into logical subsets that are based on organization, location, and call type.

The following intercom route partitions are configured:

Intercom Partition			
Name	**Description**	**Time Schedule**	**Time Zone**
IntercomPartition_1	IntercomPartition_1	All the time	Originating Device
IntercomPartition_2	IntercomPartition_2	< None >	Originating Device

3.7.2 Intercom Calling Search Space

An intercom calling search space comprises an ordered list of intercom route partitions that are typically assigned to devices. Intercom calling search spaces determine the partitions that calling devices search when they are attempting to complete a call.

The following intercom calling search spaces are configured:

Intercom Calling Search Space

Name	Description	Intercom Route Partitions for this Calling Search Space
IntercomPartition_1_GEN	IntercomPartition_1_GEN	IntercomPartition_1
IntercomPartition_2_GEN	IntercomPartition_2_GEN	IntercomPartition_2

3.7.3 Intercom Directory Number

The following table lists all intercom lines, both assigned and not assigned to any phones.

Intercom Directory Number (Summary)								
Intercom Directory Number	Partition	CSS	Description	Auto Answer	Device	Alerting Name	ASCII Alerting Name	Presence Group
5559550	IntercomPartition_1	IntercomPartition_1_GEN	5559550 Intercom	Auto Answer with Speakerphone	SEP00070E16C0C7			Standard Presence group
5559551	IntercomPartition_1	IntercomPartition_1_GEN	5559551 Intercom	Auto Answer with Speakerphone	SEPD824BDBBEC46			Standard Presence group
5559552	IntercomPartition_1	IntercomPartition_1_GEN	5559552 Intercom	Auto Answer with Speakerphone	SEP503DE57D6060			Standard Presence group

3.7.3.1 Intercom Directory Number - Unassigned

The following table lists all unassigned intercom lines.

< No records found >

3.7.4 Intercom Translation Pattern

Cisco Unified Communications Manager uses intercom translation patterns to manipulate dialed digits before it routes a call. In some cases, the system might not use the actual dialed number. In other cases, a public switched telephone network (PSTN) might not recognize the dialed number so it needs translatng.

The following intercom translation patterns are configured:

Intercom Translation Pattern (Details)	
Pattern / Partition	Details
5559### / IntercomPartition_1	

Pattern Definition	
Description	
Numbering Plan	< None >
Route Filter	< None >
Calling Search Space	IntercomPartition_1_GEN
Route Option	Route this pattern
Provide Outside Dial Tone	Y
Urgent Priority	Y
Calling Party Transformations	
Use Calling Party's External Mask	N
Calling Party Transform Mask	
Prefix Digits (Outgoing Calls)	
Calling Line ID Presentation	Default
Calling Name Presentation	Default
Connected Party Transformations	
Connected Line ID Presentation	Default

Intercom Translation Pattern (Details)		
Pattern / Partition	**Details**	
	Connected Name Presentation	Default
	Called Party Transformations	
	Discard Digits	< None >
	Called Party Transform Mask	
	Prefix Digits (Outgoing Calls)	

3.8 Client Matter Codes

Client matter codes (CMC) allow an organization to manage call access and accounting. CMC assists with call accounting and billing for billable clients by forcing the user to enter a code to specify that the call relates to a specific client matter. You can assign client matter codes to customers, students, or other populations for call accounting and billing purposes. To use the Client Matter Codes feature, users must enter a client matter code to reach certain dialed numbers.

CMCs are enabled or disabled through route patterns. Multiple Client Matter Codes can be configured. When a user dials a number that is routed through a CMC-enabled route pattern, a tone prompts the user for the client matter code. When the user enters a valid CMC, the call occurs. If the user enters an invalid code, reorder occurs. The CMC writes to the CDR, so you can collect the information by using Cisco Unified Communications Manager (CUCM) CDR Analysis and Reporting (CAR), which generates reports for client accounting and billing.

You can implement CMCs and Forced Authorization Codes (FACs) separately or together. For example, you may authorize users to place certain classes of calls, such as long distance calls, and also assign the class of calls to a specific client. If you implement CMC and FAC together, the user dials a number, enters the user-specific authorization code when prompted to do so, and then enters the client matter code at the next prompt. CMC and FAC tones sound the same to the user, so the feature tells the user to enter the authorization code after the first tone and enter the CMC after the second tone.

The CMC and FAC features work with all Cisco Unified IP Phone models and MGCP-controlled analog gateways.

Client Matter Codes	
Client Matter Code	**Description**
858585851	Government Matters

3.9 Forced Authorization Code

When Forced Authorization Codes (FACs) are enabled through route patterns, users must enter an authorization code to reach the intended recipient of the call. When a user dials a number that is routed through a FAC-enabled route pattern, the system plays a tone that prompts for the authorization code.

In Cisco Unified Communications Manager (CUCM) Administration, it is possible to configure various levels of authorization. If the user authorization code does not meet or exceed the level of authorization that is specified to route the dialed number, the user receives a reorder tone. If the authorization is accepted, the call occurs.

Forced Authorization Codes		
Authorization Code Name	**Authorization Code**	**Authorization Level**
AuthorizationCode01	123555	1

3.10 Emergency Location

Emergency Location (ELIN) features. Emergency Location Identification Number (ELIN) is the phone number (Caller ID) that is presented to the PSAP so they can match the caller ID number to the ALI Information (Caller's Address) and provide a call back number to the PSAP in case of a call disconnect.

Do not enable this feature if you are already using an external emergency calling solution such as Cisco Emergency Responder. If you decide to enable this feature, make sure you disable the external one.

This section contains:

- Emergency Location Configuration
- Emergency Location (ELIN) Groups

3.10.1 Emergency Location Configuration

Enable Emergency Location (ELIN) Support. Do not enable this feature if you are already using an external emergency calling solution such as Cisco Emergency Responder.

Related settings:

- Configure Route Patterns to enable the Emergency Location Services
- Translation Pattern has the Emergency Location Service Enabled
- Emergency Location (ELIN) Groups are configured
- Configure Device Pools to use an Emergency Location (ELIN) Group
- Configure Devices to use an Emergency Location (ELIN) Group

Emergency Location Configuration	
Name	**Value**
Enable Emergency Location (ELIN) Support	Y

3.10.2 Emergency Location (ELIN) Groups

Emergency Location (ELIN) Groups contain ELIN numbers. These are a pool of Direct Inward Dial (DID) numbers registered in the Public Safety Answering Point (PSAP) database that identify the location of the caller and can be used for an emergency services operator to call back someone who contacted emergency services. Please make sure you contact your local PSAP provider to register the number used and location details for this ELIN Group.

Emergency Location (ELIN) Groups are configured:

< No records found >

3.11 Translation Pattern (Condensed)

The Cisco Unified Communications Manager (CUCM) uses translation patterns to manipulate dialed digits before it routes a call. In some cases, the system does not use the dialed number. In other cases, the public switched telephone network (PSTN) does not recognize the dialed number.

The following list is the condensed version of translation patterns:

Translation Pattern (Short)																														
Pattern Definition																	Calling Party Transformations							Connected Party Transformations		Called Party Transformations				
Pattern	Partition	Route Filter	Description	Numbering Plan	MLPP Precedence	Network Domain	Route Class	CSS	Originator's CSS	Ext. Call Control Profile	Route Option	Provide Outside Dial Tone	Urgent Priority	Do Not Wait For Interdigit T/O	Route Next Hop	Emergency Services Number	Use Ext. Mask	Transform Mask	Prefix Digits	Line Presentation	Name Presentation	Number Type	Number Plan	Line Presentation	Name Presentation	Discard Digits	Transform Mask	Prefix Digits	Number Type	Number Plan
9.@	P_3	RouteFilterTest	Test Translation Pattern	NANP	Priority	RPNNDITest	Default	CSS_3	N	< None >	Route this pattern	Y	Y	N	N	N	Y	990067*	2	Default	Default	Cisco CallManager	Cisco CallManager	Default	Default	< None >	< None >	< None >	Cisco CallManager	Cisco CallManager

3.12 Call Park

The Call Park feature allows you to place a call on hold, so it can be retrieved from another phone in the Cisco Unified Communications Manager (CUCM) system (for example, a phone in another office or in a conference room).

If you are on an active call at your phone, you can park the call to a call park extension by pressing the Park softkey or the Call Park button. Someone on another phone in your system can then dial the call park extension to retrieve that call.

Call Park		
Call Park Number-Range / Partition	**Description**	**Cisco Unified Communications Manager**
70XX / P_1		CUCM120
71XX / P_1		CUCM120

3.13 Directed Call Park

Directed Call Park allows a user to transfer a call to a specific user-selected directed call park number. Configure directed call park numbers in the Cisco Unified Communications Manager Directed Call Park Configuration window. Configured directed call park numbers exist cluster wide. You can configure phones that support the directed call park Busy Lamp Field (BLF) to monitor the busy/idle status of specific directed call park numbers. Users can also use the BLF to speed dial a directed call park number. A user can retrieve a parked call by dialing a configured retrieval prefix followed by the directed call park number where the call is parked

Directed Call Park				
Number / Partition	**Description**	**Reversion Number**	**Reversion Calling Search Space**	**Retrieval Prefix**
#69XX / P_1			CSS_1	#
6905 / P_1	single number not range			21

3.14 Call Pickup Group

Call Pickup allows you to answer a call that comes in on a directory number other than your own. When you hear an incoming call ringing on another phone, you can redirect the call to your phone by using this feature.

Cisco Unified IP Phones provide three types of call pickup:

- Call pickup allows users to pick up incoming calls within their own call pickup group. The Cisco Unified Communications Manager (CUCM) automatically dials the appropriate call pickup group number when a user activates this feature on a phone.
- Group call pickup allows users to pick up incoming calls in another group. Users must dial the appropriate call pickup group number when they activate this feature on a phone.
- Other group call pickup allow users to pick up incoming calls in a group that is associated with their own group without having to dial (or even know) the call pickup group number. When a phone rings in a group that is associated with the user's group and the user activates this feature on a phone, the Cisco Unified Communications Manager (CUCM) automatically searches for the incoming call in the associated groups.

Call Pickup Group		
Name	**Number / Partition**	**Details**
PG_1	50501 / P_Sydney	**Call Pickup Group Information**
		Description:
		Call Pickup Group Notification Settings
		Call Pickup Group Notification Policy: No Alert
		Call Pickup Group Notification Timer (seconds): 6
		Call Information Display For CPG Notification
		Calling Party Information: N
		Called Party Information: N
		Current Associated Call Pickup Groups
		Selected Call Pickup Groups: 50501 / P_Sydney (PG_1)

Call Pickup Group		
Name	**Number / Partition**	**Details**
PG_2	50502 / P_1	**Call Pickup Group Information** Description: **Call Pickup Group Notification Settings** Call Pickup Group Notification Policy: No Alert Call Pickup Group Notification Timer (seconds): 6 **Call Information Display For CPG Notification** Calling Party Information: N Called Party Information: N **Current Associated Call Pickup Groups** Selected Call Pickup Groups: 50502 / P_1 (PG_2)
PG_60000	50006 / P_Sydney_1	**Call Pickup Group Information** Description: **Call Pickup Group Notification Settings** Call Pickup Group Notification Policy: No Alert Call Pickup Group Notification Timer (seconds): 6 **Call Information Display For CPG Notification** Calling Party Information: N Called Party Information: N **Current Associated Call Pickup Groups** Selected Call Pickup Groups: 50006 / P_Sydney_1 (PG_60000)

3.14.1 Call Pickup Group - Group Members

This section lists the members of each Call Pickup Group.

Call Pickup Group - Dependency Records		
Name	**Number / Partition**	**Members**
PG_1	50501 / P_Sydney	**Directory Number / Partition** / **Device** 0877600 / P_Perth 0877601 / P_Perth 908070 / P_3 — HL_Perth_Test
PG_2	50502 / P_1	**Directory Number / Partition** / **Device** 4002 / P_Sydney_1 4005 / P_Sydney_1 4803 / P_Sydney 5000 / P_Sydney_2 5003 / P_Sydney_2 5004 / P_Sydney_2 5006 / P_Sydney_2
PG_60000	50006 / P_Sydney_1	< No records found >

3.15 Directory Number (Condensed)

This section lists all Directory numbers configured (associated and unassigned directory numbers).

Directory numbers may be associated with devices such as phones, route points, CTI ports, and H.323 clients.

Directory Number (166)											
Number	Partition	CSS	Description	Associated Devices	Voicemail	Pickup Group	CSS Policy	CFA / CSS_CFA	CFB / CSS_CFB	CFNA / CSS_CFNA	NA Duration
0877600	P_Perth	CSS_Perth			VMP_Perth	PG_1	Use System Default	794101 / < None >	VM	VM	
0877601	P_Perth	CSS_Perth			< None >	PG_1	Use System Default	/ < None >	VM	VM	
0877605	P_Perth	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
0877606	P_Perth	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
0877608	P_Perth	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
0877609	P_Perth	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
0877610	P_Perth	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
0877611	P_Perth	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
0877612	P_Perth	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
0877613	P_Perth	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
0877614	P_Perth	< None >			< None >	< None >	Use	/ < None >	/ < None >	/ < None >	

Directory Number (166)											
Number	Partition	CSS	Description	Associated Devices	Voicemail	Pickup Group	CSS Policy	CFA / CSS_CFA	CFB / CSS_CFB	CFNA / CSS_CFNA	NA Duration
							System Default				
0877615	P_Perth	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
0877616	P_Perth	CSS_Perth			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
10000	< None >	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
10001	< None >	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
10002	< None >	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
10003	P_1	< None >		SEP6CFA8902CFE1	< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
10004	P_1	< None >		SEP002F5C615751	< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
10005	P_1	CSS_1		SEP3C5EC30DCC2D	VMP_Sydney	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
10006	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
10006	< None >	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
10007	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
10008	P_1	< None >			< None >	< None >	Use System	/ < None >	/ < None >	/ < None >	

Directory Number (166)											
Number	Partition	CSS	Description	Associated Devices	Voicemail	Pickup Group	CSS Policy	CFA / CSS_CFA	CFB / CSS_CFB	CFNA / CSS_CFNA	NA Duration
							Default				
10009	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
10010	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
10011	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
10012	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
10013	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
10014	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
10015	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
10016	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
10017	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
10018	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
10019	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
10020	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	

Directory Number (166)											
Number	Partition	CSS	Description	Associated Devices	Voicemail	Pickup Group	CSS Policy	CFA / CSS_CFA	CFB / CSS_CFB	CFNA / CSS_CFNA	NA Duration
40000	< None >	< None >		RDP_template	< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
4001	P_Sydney_1	CSS_Sydney_InternNat	Shared #4001 on SEP0012		UnityConnection	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
4002	P_Sydney_1	CSS_Sydney_National			VMP_Sydney	PG_2	Use System Default	/ < None >	VM	VM	
4003	P_Sydney_1	CSS_Sydney	Brad Pitt		UnityConnection	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
4004	P_Sydney_1	CSS_Sydney_InternNat			UnityConnection	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
4005	P_Sydney_1	CSS_Sydney			VMP_Sydney	PG_2	Use System Default	/ < None >	VM	VM	
45345345	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
4803	P_Sydney	CSS_Sydney			VMP_Sydney	PG_2	Use System Default	/ < None >	VM	VM	
4931	P_Sydney	CSS_Sydney	4931 shared desc		VMP_Sydney	< None >	Use System Default	/ < None >	VM	VM	
5000	P_Sydney_2	CSS_Sydney			VMP_Sydney	PG_2	Use System Default	/ < None >	VM	VM	
5001	P_Sydney_2	CSS_Sydney			VMP_Sydney	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
5002	P_Sydney_2	CSS_Sydney			< None >	< None >	Use System Default	/ < None >	VM	VM	
5003	P_Sydney_2	CSS_Sydney			VMP_Sydney	PG_2	Use	/ < None >	VM	VM	

Directory Number (166)											
Number	Partition	CSS	Description	Associated Devices	Voicemail	Pickup Group	CSS Policy	CFA / CSS_CFA	CFB / CSS_CFB	CFNA / CSS_CFNA	NA Duration
							System Default				
5004	P_Sydney_2	CSS_Sydney			VMP_Sydney	PG_2	Use System Default	/ < None >	VM	VM	
5005	P_Sydney_2	CSS_Sydney			VMP_Sydney	< None >	Use System Default	/ < None >	VM	VM	
5006	P_Sydney_2	CSS_Sydney			VMP_Sydney	PG_2	Use System Default	/ < None >	VM	VM	
55000	< None >	< None >	CRS Line description	crs-55000	< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55001	P_LoggedOut	CSS_Perth	CRS Line description	crs-55001	< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55800	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55801	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55802	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55803	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55804	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55805	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55806	P_1	< None >			< None >	< None >	Use System	/ < None >	/ < None >	/ < None >	

Directory Number (166)											
Number	Partition	CSS	Description	Associated Devices	Voicemail	Pickup Group	CSS Policy	CFA / CSS_CFA	CFB / CSS_CFB	CFNA / CSS_CFNA	NA Duration
							Default				
55807	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55808	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55809	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55810	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55811	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55812	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55813	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55814	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55815	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55816	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55817	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55818	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	

Directory Number (166)											
Number	Partition	CSS	Description	Associated Devices	Voicemail	Pickup Group	CSS Policy	CFA / CSS_CFA	CFB / CSS_CFB	CFNA / CSS_CFNA	NA Duration
55819	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55820	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55821	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55822	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55823	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55824	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55825	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55826	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55827	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55828	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55829	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55830	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55831	P_1	< None >			< None >	< None >	Use	/ < None >	/ < None >	/ < None >	

Directory Number (166)											
Number	Partition	CSS	Description	Associated Devices	Voicemail	Pickup Group	CSS Policy	CFA / CSS_CFA	CFB / CSS_CFB	CFNA / CSS_CFNA	NA Duration
							System Default				
55832	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55833	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55834	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55835	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55836	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55837	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55838	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55839	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55840	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55841	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55842	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55843	P_1	< None >			< None >	< None >	Use System	/ < None >	/ < None >	/ < None >	

Directory Number (166)											
Number	Partition	CSS	Description	Associated Devices	Voicemail	Pickup Group	CSS Policy	CFA / CSS_CFA	CFB / CSS_CFB	CFNA / CSS_CFNA	NA Duration
							Default				
55844	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55845	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55846	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55847	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55848	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55849	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55850	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55851	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55852	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55853	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55854	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55855	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	

Directory Number (166)											
Number	Partition	CSS	Description	Associated Devices	Voicemail	Pickup Group	CSS Policy	CFA / CSS_CFA	CFB / CSS_CFB	CFNA / CSS_CFNA	NA Duration
55856	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55857	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55858	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55859	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55860	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55861	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55862	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55863	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55864	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55865	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55866	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55867	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55868	P_1	< None >			< None >	< None >	Use	/ < None >	/ < None >	/ < None >	

Directory Number (166)											
Number	Partition	CSS	Description	Associated Devices	Voicemail	Pickup Group	CSS Policy	CFA / CSS_CFA	CFB / CSS_CFB	CFNA / CSS_CFNA	NA Duration
							System Default				
55869	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55870	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55871	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55872	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55873	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55874	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55875	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55876	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55877	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55878	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55879	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55880	P_1	< None >			< None >	< None >	Use System	/ < None >	/ < None >	/ < None >	

Directory Number (166)											
Number	Partition	CSS	Description	Associated Devices	Voicemail	Pickup Group	CSS Policy	CFA / CSS_CFA	CFB / CSS_CFB	CFNA / CSS_CFNA	NA Duration
							Default				
55881	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55882	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55883	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55884	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55885	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55886	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55887	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55888	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55889	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55890	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55891	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55892	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	

Directory Number (166)											
Number	Partition	CSS	Description	Associated Devices	Voicemail	Pickup Group	CSS Policy	CFA / CSS_CFA	CFB / CSS_CFB	CFNA / CSS_CFNA	NA Duration
55893	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55894	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55895	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55896	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55897	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55898	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55899	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55900	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55901	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
783201	P_1	CSS_1		SEP00727849DA40	< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
794100	P_1	CSS_1			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
794101	P_1	CSS_1		SEP00070E16C0C7	< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
7965	P_1	CSS_1		UDP_bwayne7965	< None >	< None >	Use	/ < None >	/ < None >	/ < None >	

Directory Number (166)											
Number	Partition	CSS	Description	Associated Devices	Voicemail	Pickup Group	CSS Policy	CFA / CSS_CFA	CFB / CSS_CFB	CFNA / CSS_CFNA	NA Duration
							System Default				
797500	< None >	< None >		SEPD824BDBBEC46	< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
886599	< None >	< None >		dp_gclooney	< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
894100	P_1	CSS_1		SEP503DE57D6060	< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
9971	P_1	CSS_1		UDP_bwayne9971	< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
997100	< None >	< None >		UDP_9971	< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
997101	< None >	< None >		UDP_9971	< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
999900	P_1	CSS_1		AN1234123410400	< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	

3.15.1 Directory Numbers - Unallocated (Condensed)

This section lists all Directory numbers configured which are not assigned to any device.

Directory numbers may be associated with devices such as phones, route points, CTI ports, and H.323 clients.

Directory Number (150)											
Number	Partition	CSS	Description	Associated Devices	Voicemail	Pickup Group	CSS Policy	CFA / CSS_CFA	CFB / CSS_CFB	CFNA / CSS_CFNA	NA Duration
0877600	P_Perth	CSS_Perth			VMP_Perth	PG_1	Use System Default	794101 / < None >	VM	VM	
0877601	P_Perth	CSS_Perth			< None >	PG_1	Use System Default	/ < None >	VM	VM	
0877605	P_Perth	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
0877606	P_Perth	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
0877608	P_Perth	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
0877609	P_Perth	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
0877610	P_Perth	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
0877611	P_Perth	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
0877612	P_Perth	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
0877613	P_Perth	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
0877614	P_Perth	< None >			< None >	< None >	Use Syst	/ < Non	/ < Non	/ < None	

Directory Number (150)											
Number	Partition	CSS	Description	Associated Devices	Voicemail	Pickup Group	CSS Policy	CFA / CSS_CFA	CFB / CSS_CFB	CFNA / CSS_CFNA	NA Duration
							em Default	e >	e >	>	
0877615	P_Perth	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
0877616	P_Perth	CSS_Perth			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
10000	< None >	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
10001	< None >	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
10002	< None >	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
10006	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
10006	< None >	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
10007	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
10008	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
10009	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
10010	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
10011	P_1	< None >			< None >	< Non	Use	/	/	/	

Directory Number (150)											
Number	Partition	CSS	Description	Associated Devices	Voicemail	Pickup Group	CSS Policy	CFA / CSS_CFA	CFB / CSS_CFB	CFNA / CSS_CFNA	NA Duration
						e >	System Default	< None >	< None >	< None >	
10012	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
10013	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
10014	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
10015	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
10016	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
10017	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
10018	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
10019	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
10020	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
4001	P_Sydney_1	CSS_Sydney_InternNat	Shared #4001 on SEP0012		UnityConnection	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
4002	P_Sydney_1	CSS_Sydney_National			VMP_Sydney	PG_2	Use System Default	/ < None >	VM	VM	

Directory Number (150)											
Number	Partition	CSS	Description	Associated Devices	Voicemail	Pickup Group	CSS Policy	CFA / CSS_CFA	CFB / CSS_CFB	CFNA / CSS_CFNA	NA Duration
4003	P_Sydney_1	CSS_Sydney	Brad Pitt		UnityConnection	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
4004	P_Sydney_1	CSS_Sydney_InternNat			UnityConnection	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
4005	P_Sydney_1	CSS_Sydney			VMP_Sydney	PG_2	Use System Default	/ < None >	VM	VM	
45345345	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
4803	P_Sydney	CSS_Sydney			VMP_Sydney	PG_2	Use System Default	/ < None >	VM	VM	
4931	P_Sydney	CSS_Sydney	4931 shared desc		VMP_Sydney	< None >	Use System Default	/ < None >	VM	VM	
5000	P_Sydney_2	CSS_Sydney			VMP_Sydney	PG_2	Use System Default	/ < None >	VM	VM	
5001	P_Sydney_2	CSS_Sydney			VMP_Sydney	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
5002	P_Sydney_2	CSS_Sydney			< None >	< None >	Use System Default	/ < None >	VM	VM	
5003	P_Sydney_2	CSS_Sydney			VMP_Sydney	PG_2	Use System Default	/ < None >	VM	VM	
5004	P_Sydney_2	CSS_Sydney			VMP_Sydney	PG_2	Use System Default	/ < None >	VM	VM	
5005	P_Sydney_2	CSS_Sydney			VMP_Sydney	< None >	Use System Default	/ < None >	VM	VM	

Directory Number (150)											
Number	Partition	CSS	Description	Associated Devices	Voicemail	Pickup Group	CSS Policy	CFA / CSS_CFA	CFB / CSS_CFB	CFNA / CSS_CFNA	NA Duration
5006	P_Sydney_2	CSS_Sydney			VMP_Sydney	PG_2	Use System Default	/ < None >	VM	VM	
55800	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55801	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55802	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55803	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55804	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55805	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55806	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55807	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55808	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55809	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55810	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	

Directory Number (150)											
Number	Partition	CSS	Description	Associated Devices	Voicemail	Pickup Group	CSS Policy	CFA / CSS_CFA	CFB / CSS_CFB	CFNA / CSS_CFNA	NA Duration
55811	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55812	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55813	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55814	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55815	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55816	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55817	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55818	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55819	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55820	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55821	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55822	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	

Directory Number (150)											
Number	Partition	CSS	Description	Associated Devices	Voicemail	Pickup Group	CSS Policy	CFA / CSS_CFA	CFB / CSS_CFB	CFNA / CSS_CFNA	NA Duration
55823	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55824	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55825	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55826	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55827	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55828	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55829	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55830	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55831	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55832	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55833	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55834	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	

Directory Number (150)											
Number	Partition	CSS	Description	Associated Devices	Voicemail	Pickup Group	CSS Policy	CFA / CSS_CFA	CFB / CSS_CFB	CFNA / CSS_CFNA	NA Duration
55835	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55836	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55837	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55838	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55839	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55840	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55841	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55842	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55843	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55844	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55845	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55846	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	

Directory Number (150)											
Number	Partition	CSS	Description	Associated Devices	Voicemail	Pickup Group	CSS Policy	CFA / CSS_CFA	CFB / CSS_CFB	CFNA / CSS_CFNA	NA Duration
55847	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55848	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55849	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55850	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55851	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55852	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55853	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55854	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55855	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55856	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55857	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55858	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	

Directory Number (150)											
Number	Partition	CSS	Description	Associated Devices	Voicemail	Pickup Group	CSS Policy	CFA / CSS_CFA	CFB / CSS_CFB	CFNA / CSS_CFNA	NA Duration
55859	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55860	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55861	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55862	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55863	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55864	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55865	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55866	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55867	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55868	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55869	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55870	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	

Directory Number (150)											
Number	Partition	CSS	Description	Associated Devices	Voicemail	Pickup Group	CSS Policy	CFA / CSS_CFA	CFB / CSS_CFB	CFNA / CSS_CFNA	NA Duration
55871	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55872	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55873	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55874	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55875	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55876	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55877	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55878	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55879	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55880	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55881	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55882	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	

Directory Number (150)											
Number	Partition	CSS	Description	Associated Devices	Voicemail	Pickup Group	CSS Policy	CFA / CSS_CFA	CFB / CSS_CFB	CFNA / CSS_CFNA	NA Duration
55883	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55884	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55885	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55886	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55887	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55888	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55889	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55890	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55891	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55892	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55893	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55894	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	

Directory Number (150)											
Number	Partition	CSS	Description	Associated Devices	Voicemail	Pickup Group	CSS Policy	CFA / CSS_CFA	CFB / CSS_CFB	CFNA / CSS_CFNA	NA Duration
55895	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55896	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55897	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55898	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55899	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55900	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
55901	P_1	< None >			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	
794100	P_1	CSS_1			< None >	< None >	Use System Default	/ < None >	/ < None >	/ < None >	

3.16 Meet-Me Number

Users can use Meet-Me Conferencing to set up or join conferences. A user that sets up a conference is called the conference controller. A user that joins a conference is called a participant. Meet-Me conferences require an allocation of directory numbers. Cisco Unified Communications Manager (CUCM) Administration provides the Meet-Me conference directory number range to users, so they can access the feature.

Cisco Unified Communications Manager (CUCM) supports a maximum of 100 simultaneous meet-me conferences for each Cisco Unified Communications Manager (CUCM) server.

Meet-Me Number		
Directory Number or Pattern / Partition	**Description**	**Minimum Security Level**
65[0-9]0 / P_1	Meet-Me Number 65XX	Non Secure

3.17 Conference Now

Conference Now feature allows both external and internal callers to join a conference by dialing a Conference Now IVR Directory Number which is a centralized conference assistant number. An IVR application guides the caller to join the conference by playing announcements.

A conference is established using a Meeting Number, which is the same as the Self-Service User ID. The meeting number can be configured by the administrator in the End User's page. The Self-Service User ID is usually the same as the user's primary extension number.

The host (End User) informs of the Meeting Number, Time slot, and Attendees Access Code to all the participants. The host requires a PIN to join the conference, but the participants do not require it. If a participant dials into the meeting before the host, the participant is placed on Music on Hold (MOH).

After the host enters both Meeting Number and PIN correctly, a conference bridge is allocated based on the MRGL(Media Resource Group List) of the host. Participants who join before the start of the meeting are redirected to the same conference bridge.

The host can set the Attendees Access Code for a secure conference call.

Conference Now	
Name	**Details**
Conference Now IVR Directory Number	6350
Route Partition	P_1
Description	Conference Now Desc.
Maximum Wait Time For Host Until Participant is Disconnected (Minutes)	15
MOH Source While Participant is Waiting	1-SampleAudioSource

3.18 Route Plan Report

The route plan report comprises a list of directory numbers and other numbersin the system. This includes unassigned directory numbers (DN), call park numbers, call pickup numbers, conference numbers (Meet-Me numbers), directory numbers, route patterns, translation patterns, voice-mail ports, hunt pilots, Directed Call Park numbers, Intercom directory numbers, message-waiting indicators, attendant console numbers and other numbers in the system.

Route Plan Report					
Pattern	**Partition**	**Usage**	**Device**	**Device Type**	**Description**
#69XX	P_1	Directed Call Park			
0877600	P_Perth	Device			
0877601	P_Perth	Device			
0877605	P_Perth	Device			
0877606	P_Perth	Device			
0877608	P_Perth	Device			
0877609	P_Perth	Device			

Route Plan Report					
Pattern	**Partition**	**Usage**	**Device**	**Device Type**	**Description**
0877610	P_Perth	Device			
0877611	P_Perth	Device			
0877612	P_Perth	Device			
0877613	P_Perth	Device			
0877614	P_Perth	Device			
0877615	P_Perth	Device			
0877616	P_Perth	Device			
10.5.255.0/24	P_3	IPAddress Routing	RouteListTest	Route List	
10000		Device			
10001		Device			
10002		Device			
10003	P_1	Device	SEP6CFA8902CFE1	Cisco 7861	7861 SIP
10004	P_1	Device	SEP002F5C615751	Cisco 7841	7841 SIP
10005	P_1	Device	SEP3C5EC30DCC2D	Cisco 8841	8841 SIP
10006		Device			
10006	P_1	Device			
10007	P_1	Device			
10008	P_1	Device			
10009	P_1	Device			
10010	P_1	Device			
10011	P_1	Device			
10012	P_1	Device			
10013	P_1	Device			
10014	P_1	Device			
10015	P_1	Device			
10016	P_1	Device			
10017	P_1	Device			
10018	P_1	Device			
10019	P_1	Device			
10020	P_1	Device			
216905	P_1	Directed Call Park			
40000		Device	RDP_template	Remote Destination Profile	
4001	P_Sydney_1	Device			
4002	P_Sydney_1	Device			
4003	P_Sydney_1	Device			
4004	P_Sydney_1	Device			
4005	P_Sydney_1	Device			
45345345	P_1	Device			
4803	P_Sydney	Device			
4931	P_Sydney	Device			
5000	P_Sydney_2	Device			
50006	P_Sydney_1	Call Pick Up Group			
5001	P_Sydney_2	Device			
5002	P_Sydney_2	Device			
5003	P_Sydney_2	Device			
5004	P_Sydney_2	Device			

Route Plan Report					
Pattern	**Partition**	**Usage**	**Device**	**Device Type**	**Description**
5005	P_Sydney_2	Device			
5006	P_Sydney_2	Device			
50501	P_Sydney	Call Pick Up Group			
50502	P_1	Call Pick Up Group			
55000		Device	crs-55000	CTI Route Point	AA-55000
55001	P_LoggedOut	Device	crs-55001	CTI Route Point	AA on 55001
5559550	IntercomPartition_1	Device Intercom	SEP00070E16C0C7	Cisco 7941	7941 SCCP
5559551	IntercomPartition_1	Device Intercom	SEPD824BDBBEC46	Cisco 7975	7975 SCCP
5559552	IntercomPartition_1	Device Intercom	SEP503DE57D6060	Cisco 8941	8941 SCCP
55800	P_1	Device			
55801	P_1	Device			
55802	P_1	Device			
55803	P_1	Device			
55804	P_1	Device			
55805	P_1	Device			
55806	P_1	Device			
55807	P_1	Device			
55808	P_1	Device			
55809	P_1	Device			
55810	P_1	Device			
55811	P_1	Device			
55812	P_1	Device			
55813	P_1	Device			
55814	P_1	Device			
55815	P_1	Device			
55816	P_1	Device			
55817	P_1	Device			
55818	P_1	Device			
55819	P_1	Device			
55820	P_1	Device			
55821	P_1	Device			
55822	P_1	Device			
55823	P_1	Device			
55824	P_1	Device			
55825	P_1	Device			
55826	P_1	Device			
55827	P_1	Device			
55828	P_1	Device			
55829	P_1	Device			
55830	P_1	Device			
55831	P_1	Device			
55832	P_1	Device			
55833	P_1	Device			
55834	P_1	Device			

Route Plan Report					
Pattern	Partition	Usage	Device	Device Type	Description
55835	P_1	Device			
55836	P_1	Device			
55837	P_1	Device			
55838	P_1	Device			
55839	P_1	Device			
55840	P_1	Device			
55841	P_1	Device			
55842	P_1	Device			
55843	P_1	Device			
55844	P_1	Device			
55845	P_1	Device			
55846	P_1	Device			
55847	P_1	Device			
55848	P_1	Device			
55849	P_1	Device			
55850	P_1	Device			
55851	P_1	Device			
55852	P_1	Device			
55853	P_1	Device			
55854	P_1	Device			
55855	P_1	Device			
55856	P_1	Device			
55857	P_1	Device			
55858	P_1	Device			
55859	P_1	Device			
55860	P_1	Device			
55861	P_1	Device			
55862	P_1	Device			
55863	P_1	Device			
55864	P_1	Device			
55865	P_1	Device			
55866	P_1	Device			
55867	P_1	Device			
55868	P_1	Device			
55869	P_1	Device			
55870	P_1	Device			
55871	P_1	Device			
55872	P_1	Device			
55873	P_1	Device			
55874	P_1	Device			
55875	P_1	Device			
55876	P_1	Device			
55877	P_1	Device			
55878	P_1	Device			
55879	P_1	Device			
55880	P_1	Device			
55881	P_1	Device			
55882	P_1	Device			
55883	P_1	Device			

Route Plan Report					
Pattern	**Partition**	**Usage**	**Device**	**Device Type**	**Description**
55884	P_1	Device			
55885	P_1	Device			
55886	P_1	Device			
55887	P_1	Device			
55888	P_1	Device			
55889	P_1	Device			
55890	P_1	Device			
55891	P_1	Device			
55892	P_1	Device			
55893	P_1	Device			
55894	P_1	Device			
55895	P_1	Device			
55896	P_1	Device			
55897	P_1	Device			
55898	P_1	Device			
55899	P_1	Device			
55900	P_1	Device			
55901	P_1	Device			
65[0-9]0	P_1	Conference			
6905	P_1	Directed Call Park			
70XX	P_1	CallPark			
71XX	P_1	CallPark			
783201	P_1	Device	SEP00727849DA40	Cisco 7832	Auto 10006
794100	P_1	Device			
794101	P_1	Device	SEP00070E16C0C7	Cisco 7941	7941 SCCP
7965	P_1	Device	UDP_bwayne7965	Cisco 7965	
797500		Device	SEPD824BDBBEC46	Cisco 7975	7975 SCCP
886599		Device	dp_gclooney	Cisco 8865	
894100	P_1	Device	SEP503DE57D6060	Cisco 8941	8941 SCCP
9.@	P_3	Translation			
908070	P_3	Hunt Pilot	HL_Perth_Test	Route List	Hunt List for Tests
909090	P_1	Route	RouteListTest	Route List	
9800	P_1	Hunt Pilot	HL_CUC	Route List	
9801	P_1	Voice Mail Port	CiscoUM1-VI1	Voice Mail Port	VM CUC port
9802	P_1	Voice Mail Port	CiscoUM1-VI2	Voice Mail Port	VM CUC port
9971	P_1	Device	UDP_bwayne9971	Cisco 9971	
997100		Device	UDP_9971	Cisco 9971	
997101		Device	UDP_9971	Cisco 9971	
998877	INFORMACAST_PT	Route	INFORMACAST_SIP_TRUNK	SIP Trunk	INFORMACAST_SIP_TRUNK
9997	P_1	Message Waiting			
9998	P_1	Message Waiting			
999900	P_1	Device	AN1234123410400	Analog Phone	AN1234123410400

3.19 Transformation

Cisco Unified Communications Manager Administration allows you to manipulate the calling party number and the called party number that Cisco Unified Communications Manager sends with each call setup message.

The following topics provide information on these settings:

- Transformation Pattern (CUCM manipulate presentation)
- Transformation Profile (Cisco IME)

3.19.1 Transformation Pattern

Cisco Unified Communications Manager Administration allows you to manipulate the calling party number and the called party number that Cisco Unified Communications Manager sends with each call setup message.

Calling and called party transformation patterns are set to provide context-sensitive modifications to a calling or called party; Cisco Unified Communications Manager does not use these patterns for routing calls.

The following topics provide information on these settings:

- Calling Party Number Transformations Settings
- Called Party Number Transformations Settings

3.19.1.1 Calling Party Transformation Pattern

The parameters in the Calling Party Transformation Patterns provide appropriate caller information using the Calling Party Transformation calling search space on the destination device. Be aware that calls through transformation patterns are not routable. When this pattern is matched, the call does not route to any device.

You use calling party transformation patterns with the calling party normalization feature. Configuring calling party normalization alleviates issues with toll bypass where the call is routed to multiple locations over the IP WAN. In addition, it allows Cisco Unified Communications Manager to distinguish the origin of the call to globalize or localize the calling party number for the phone user.

Calling Party Transformation Pattern	
Pattern / Partition	**Details**
7XXX / P_1	

Pattern Definition	
Description	Change all 7XXX to 832483
Numbering Plan	< None >
Route Filter	< None >
Urgent Priority	Y
MLPP Preemption Disabled	N
Calling Party Transformations	
Use Calling Party's External Mask	N
Discard Digit Instructions	< None >
Calling Party Transform Mask	832483
Prefix Digits (Outgoing Calls)	
Calling Line ID Presentation	Default
Calling Party Number Type	Cisco CallManager
Calling Party Numbering Plan	Cisco CallManager

3.19.1.2 Called Party Transformation Pattern

The parameters in the Called Party Transformation Patterns provide appropriate caller information by using the Called Party Transformation calling search space on the destination device. Be aware that calls through transformation patterns are not routable. When this pattern is matched, the call does not route to any device.

Called party transformations settings allow you to manipulate the dialed digits, or called party number, for outgoing calls. Examples of manipulating called numbers include appending or removing prefix digits (outgoing calls), appending area codes to calls dialed as seven-digit numbers, appending area codes and office codes to interoffice calls dialed as four- or five-digit extensions, and suppressing carrier access codes for equal access calls.

Configuration of called party transformations settings that are used in route lists occurs in the individual route groups that comprise the list. The called party transformations settings that are assigned to the route groups in a route list override any called party transformations settings that are assigned to a route pattern or translation pattern that is associated with that route list.

Called Party Transformation Pattern	
Pattern / Partition	**Details**
8XXX / P_1	

Pattern Definition	
Description	
Numbering Plan	< None >
Route Filter	< None >
Urgent Priority	Y
MLPP Preemption Disabled	N
Called Party Transformations	
Discard Digits	< None >
Called Party Transform Mask	832483
Prefix Digits	
Called Party Number Type	National
Called Party Numbering Plan	Cisco CallManager

3.19.2 Transformation Profile

Transformation profiles allow the system to convert the calling and called party numbers for outgoing calls to a fully qualified +E.164 number format. The system includes the transformed numbers in the voice call records (VCRs) that Cisco Intercompany Media Engine (Cisco IME) uses to validate PSTN calls. The number transformation takes place after normal call routing processing. Cisco Unified Communications Manager does not use transformation profiles for call routing.

Transformation Profile	
Name	**Details**
TransProfInoTest	

Profile Information	
Description	Testng Transformation Profile Info
Incoming Party Settings	
Settings	

Number Type	Prefix	Strip Digits	Calling Search Space
National Number	Default	0	CSS_1
International Number	Default	0	CSS_Sydney
Unknown Number	Default	0	CSS_1
Subscriber Number	Default	0	CSS_1

3.20 Mobility

Cisco Unified Mobility extends the rich call control capabilities of Cisco Unified Communications Manager from the primary workplace desk phone of a mobile worker to any location or device of their choosing.

For example, Cisco Unified Mobility associates a user mobile phone number with the user business IP phone number. Cisco Unified Mobility then directs incoming calls to ring on a user mobile phone as well as the business phone, thus providing a single number for callers to reach the user. Calls that go unanswered on all the designated devices get redirected to the enterprise voice mailbox of the user (not to the mobile voice mailbox).

The following topics provide information on these settings:

- Mobility Enterprise Feature Access Number
- Handoff Configuration
- Mobility Profile

Administrators can configure Cisco Unified Mobility by using the Cisco Unified Communications Manager Administration windows to configure the setup for end users. End users can use Cisco Unified CM User Options windows to configure their own personal settings.

3.20.1 Mobility Enterprise Feature Access Number

The Mobility Enterprise Feature Configuration defines mobility enterprise feature access (EFA) numbers. These numbers can then be associated with mobility profiles for use.

The DID number defines enterprise feature access and supports transfer, conference, resume, and two-stage dialing from smartphones. Each DID number must be unique.

Mobility Enterprise Feature Access Number			
Number	**Route Partition**	**Description**	**Default**
123234345	P_1	MEFANC Number Test	N

3.20.2 Handoff Configuration

The Handoff Mobility Configuration defines a handoff number and/or partition for dual-mode phones between the Wi-Fi and Global System for Mobile communication (GSM) or Code Division Multiple Access (CDMA) networks. The handoff feature requires this number.

Handoff Configuration Information	
Handoff Number	**Route Partition**
123234346	P_1

3.20.3 Mobility Profile

Mobility profiles specify profiles that configure Dial-via-Office Forward (DVO-F) or Dial-via-Office Reverse (DVO-R) settings for a mobile client. A mobility profile is then assigned to a user or to a group of users, such as the users in a region or location.

Mobility profiles can associate with a standalone Cisco Unified Mobile Communicator mobile identity or with a Cisco Unified Mobile Communicator-enabled dual-mode mobile identity. Standard, single-mode remote destinations cannot associate with a mobility profile.

Mobility profiles settings can only be changed by administrators: users cannot change the settings in a mobility profile.

The following mobility profiles are defined:

Mobility Profile	
Name	**Details**
Mobility Profile Info Test	**Mobility Profile Information**
	Description: Test MPI
	Mobile Client Calling Option: Dial via Office Reverse
	Dial-via-Office Forward Configuration
	Service Access Number: 234345
	Enterprise Feature Access Number: 123234345
	Enterprise Feature Access Partition: P_1
	Dial-via-Office Reverse Callback Configuration
	Callback Caller ID:

3.21 Logical Partitioning Policy

Logical partitioning specifies a call control feature in Cisco Unified Communications Manager that provides functionality, so communication between the following pairs of VoIP entities can be controlled:

- A VoIP phone and a VoIP gateway
- A VoIP gateway and another VoIP gateway
- An intercluster trunk and a VoIP phone
- An intercluster trunk and a VoIP gateway

No logical partitioning policy logic exists on endpoints. Be aware that logical partitioning is required to control such communication, not only during basic call establishment but also mid-call as a result of midcall features.

The Cisco Unified Communications Manager basic routing policy constructs of calling search spaces and partitions are enough to prevent forbidden basic calls from being established but are not sufficient to prevent forbidden calls from being created as a result of midcall features. In Cisco Unified Communications Manager, such midcall features are often termed Join and Redirect features, because these primitives often get used internally to affect these features.

Logical partitioning enhances Cisco Unified Communications Manager to handle such midcall scenarios. Configuration for logical partitioning remains independent of supplementary features, where the policy checking gets performed based on devices being joined or redirected to a supplementary feature.

Logical Partitioning Policy		
Name	**Details**	
LogPartPolicy01	Description	Test Policy
	Country	US
	State, Region, or Province (A1)	Our Town
	County or Parish (A2)	< None >
	City or Township (A3)	< None >
	Borough or City District (A4)	< None >
	Neighborhood (A5)	< None >
	Street (A6)	Big Street
	Leading Street Direction, such as N or W (PRD)	< None >
	Trailing Street Suffix, such as SW (POD)	< None >
	Address Suffix, such as Avenue, Platz (STS)	Av.
	Numeric house number (HNO)	26
	House Number Suffix, such as A, 1/2 (HNS)	< None >
	Landmark (LMK)	< None >
	Additional Location Information, such as Room Number (LOC)	< None >
	Floor (FLR)	< None >
	Name of Business or Resident (NAM)	< None >
	Zip or Postal Code (PC)	< None >
	Relationship to other Geo Location Policies	< No records found >

3.22 External Call Control Profile

Cisco Unified Communications Manager supports the external call control feature, which enables an adjunct route server to make call-routing decisions for Cisco Unified Communications Manager by using the Cisco Unified Routing Rules Interface. When you configure external call control, CUCM issues a route request that contains the calling party and called party information to the adjunct route server. The adjunct route server receives the request, applies appropriate business logic, and returns a route response that instructs Cisco Unified Communications Manager on how the call should get routed, along with any additional call treatment that should get applied.

The adjunct route server can instruct Cisco Unified Communications Manager to allow, divert, or deny the call, modify calling and called party information, play announcements to callers, reset call history so adjunct voicemail and IVR servers can properly interpret calling/called party information, and log reason codes that indicate why calls were diverted or denied.

External Call Control		
Name	**Details**	
ExternalCallControl01	Primary Web Service	http://10.5.1.150:8443/pdp/AuthenticationEndPoint
	Secondary Web Service	< None >
	Enable Load Balancing	N
	Routing Request Timer	< None >
	Diversion Rerouting Calling Search Space	< None >
	Call Treatment on Failures	Allow Calls

3.23 HTTP Profile

The Video Quality of Service (QoS) Reservation feature reserves bandwidth in a mobile network, through a third party HTTP service, when a mobile device makes a call. This reservation is only for VoIP calls made through Cisco Unified Communications Manager, not for other voice calls already classified by the mobile network as voice calls.

HTTP Profile	
Name	ExternalHTTPProfile
User Name	admin
Request Timeout (msecs)	60000
Maximum Request Retries	4
Web Service Root URI	10.5.1.150

3.24 Call Control Discovery

The call control discovery feature leverages the Service Advertisement Framework (SAF) network service, a proprietary Cisco service, to facilitate dynamic provisioning of inter-call agent information.

By adopting the SAF network service, the call control discovery feature allows Cisco Unified Communications Manager to advertise itself along with other key attributes, such as directory number patterns that are configured in Cisco Unified Communications Manager Administration, so other call control entities that also use SAF network can use the advertised information to dynamically configure and adapt their routing behaviors. Likewise, all entities that use SAF advertise the directory number patterns that they own along with other key information, so other remote call-control entities can learn the information and adapt the routing behavior of the call.

A SAF forwarder, which is a Cisco IOS router configured for SAF, handles the publishing requests for the local Cisco Unified Communications Manager cluster and the service advertisements from remote call-control entities.

The Call control discovery (CCD) advertising service resides in Cisco Unified Communications Manager and advertises the PSTN failover configuration and hosted DN patterns along with the SAF trunk access information for the local Cisco Unified Communications Manager cluster to the remote call-control entities that use the SAF network.

Call control discovery (CCD) requesting service resides in Cisco Unified Communications Manager and allows the local Cisco Unified Communications Manager to listen for advertisements from remote call-control entities that use the SAF network. Learned patterns (hosted DN patterns from remote call-control entities) get inserted into digit analysis on the local Cisco Unified Communications Manager. It performs load balancing for calls to learned patterns and handles withdrawals for Cisco Unified Communications Manager from the SAF network

3.24.1 Hosted DN Group

Each hosted DN group covers one geophysical location advertising DN range. Each hosted DN pattern must be unique. Each hosted DN pattern can only exist in one hosted DN group.

The following hosted DN groups are configured:

Hosted DN Group				
Name	**Description**	**PSTN Failover Strip Digits**	**PSTN Failover Prepend Digits**	**Use HostedDN as PSTN Failover**
HostedDNGroup01	Test DN Group	1		Y

3.24.2 Hosted DN Pattern

Hosted DN patterns are directory number patterns that belong to the local call-control entity.

Hosted DN patterns are directory number pattern ranges for the local Cisco Unified Communications Manager cluster that you want to advertise to remote call-control entities. It is published by the CCD advertising service to the SAF forwarder.

The following Hosted DN patterns are configured:

Hosted DN Pattern

Hosted Pattern	Description	Hosted DN Group	PSTN Failover Strip Digits	PSTN Failover Prepend Digits	Use HostedDN as PSTN Failover
5XXXXX	A test Hosted DN pattern info	HostedDNGroup01			Y

3.24.3 Advertising Service

The Call Control Discovery (CCD) advertising service resides in Cisco Unified Communications Manager and advertises the PSTN failover configuration and hosted DN patterns along with the SAF trunk access information for the local Cisco Unified Communications Manager cluster to the remote call-control entities that use the SAF network.

You must enable SAF on the trunk in Cisco Unified Communications Manager Administration and assign SAF-enabled trunks to the CCD advertising and requesting services. You can configure as many CCD advertising services as you want. Only one hosted DN group can be associated with one CCD advertising service.

CCD Advertising Service					
Name	Description	SAF SIP Trunk	SAF H323 Trunk	HostedDN Group	Activated Feature
CCDAdvertisingService01	Test CCD advertising	CallCntrolDiscSIP01	< None >	HostedDNGroup01	Y

3.24.4 Partition

The Call Control Discovery feature relies on a route partition, configured in this section. This route partition gets used exclusively by Call Control Discovery to ensure that all learned patterns get placed in digit analysis under the route partition. You assign this partition to the CCD requesting service.

If you want a user to make outbound calls to learned patterns that are advertised by remote call-control entities, ensure that the calling search space that you assign to the device contains the route partition that is assigned to the CCD requesting service.

Call Control Discovery Partition			
Name	Description	Time Schedule	Time Zone
CCDPartition	CCD Partition as Test	All the time	Originating Device

3.24.5 Requesting Service

Call control discovery (CCD) requesting service resides in Cisco Unified Communications Manager and allows the local Cisco Unified Communications Manager to listen for advertisements from remote call-control entities that use the SAF network.

Learned patterns (hosted DN patterns from remote call-control entities) get inserted into digit analysis on the local Cisco Unified Communications Manager. It performs load balancing for calls to learned patterns and handles withdrawals for Cisco Unified Communications Manager from the SAF network .

CCD Requesting Service	
Name	Details
CCDRequestService01	Description: Test request service for CCD Route Partition: CCDPartition Learned Pattern Prefix: PSTN Prefix: Selected SAF Trunks: CallCntrolDiscSIP01 Activated Feature: Y

3.24.6 Blocked Learned Pattern

Blocked patterns that remote call-control entities send to the local Cisco Unified Communications Manager:

Purge and Block SAF CCD Learned Routes			
Learned Pattern	Learned Pattern Prefix	Remote Call Control Identity	Remote IP

Purge and Block SAF CCD Learned Routes			
Learned Pattern	**Learned Pattern Prefix**	**Remote Call Control Identity**	**Remote IP**
25829xx			

3.24.7 Feature Configuration

The following table contains all Call Control Discovery feature parameters:

Call Control Discovery Parameters		
Parameter Name	**Parameter Value**	**Suggested Value**
CCD Maximum Numbers of Learned Patterns	20000	20000
CCD Learned Pattern IP Reachable Duration	60	60
CCD PSTN Failover Duration	2880	2880
Issue Alarm for Duplicate Learned Patterns	False	False
CCD Stop Routing On Unallocated Unassigned Number	True	True
Set Urgent Priority for Fixed-Length CCD Learned Patterns	False	False
Set Urgent Priority for Variable-Length CCD Learned Patterns	False	False

3.25 Global Dial Plan Replication

Cisco Unified Communications Manager uses the Intercluster Lookup Service (ILS) to support the Global Dial Plan Replication feature. When Global Dial Plan Replication is enabled across an ILS network, remote clusters in an ILS network share global dial plan data, including the following:

- Directory URIs
- Alternate numbers
- Alternate number patterns
- Route strings
- PSTN failover numbers

Global Dial Plan Replication allows you to create a global dial plan including intercluster dialing of directory URIs and alternate numbers that span across an ILS network. Global Dial Plan Replication allows you to quickly configure the global dial plan across the ILS network without the need to configure each dial plan component on each cluster separately. After enabling Global Dial Plan Replication across the network, you can simply configure the dial plan component on one cluster, and ILS replicates that information throughout the ILS network.

The following chapters describe the configuration items in the Cisco Unified Communications Manager Administration 'Global Dial Replication' menu:

- Advertised Patterns
- Blocked Learned Numbers and Patterns
- Partitions for Learned Numbers and Patterns
- Learned Numbers
- Learned Patterns
- Learned Directory URIs
- Imported Global Dial Plan Catalogues
- Imported Director URIs
- Imported Patterns

3.25.1 Advertised Patterns

Advertised patterns create summarized routing instructions for a range of enterprise alternate numbers or +E.164 alternate numbers and replicate that pattern throughout an ILS network such that all clusters within the ILS network know the pattern. Advertised patterns save you from having to configure routing information for each alternate number on an individual basis. Advertised patterns are never used by the local cluster on which they are configured. They are only used by remote clusters that learn the pattern through ILS.

Advertised Patterns			
Pattern	**Pattern Type**	**Description**	**Failover Settings**
2343458XX	Enterprise Number	Test ILS	**Apply Strip Digits and Prepend Digits to Pattern and Use for PSTN Failover**

Advertised Patterns			
Pattern	Pattern Type	Description	Failover Settings
			PSTN Failover Strip Digits: 0 PSTN Failover Prepend Digits: < None >

3.25.2 Blocked Learned Numbers and Patterns

The Blocked Learned Pattern Configuration window supports the call control discovery feature by allowing you to purge and block learned patterns, for example, learned patterns that you no longer want to use. Any subsequent notifications with this information gets blocked and ignored.

To block or purge a pattern, the learned pattern must match all data that is configured.

Blocked Learned Numbers and Patterns				
Pattern	Pattern Type	Prefix	Cluster ID	Description
234345456X	Any	< None >	< None >	Test Block

3.25.3 Partitions for Learned Numbers and Patterns

Learned numbers and learned patterns must be assigned to a partition which cannot be the NULL partition. Define your own partitions or use the predefined default partitions. Cisco Unified Communications Manager comes installed with the following predefined partitions for learned alternate numbers and number patterns:

- Global Learned Enterprise Numbers
- Global Learned E.164 Numbers
- Global Learned Enterprise Patterns
- Global Learned E.164 Patterns

The following partitions are defined:

Partitions for Learned Numbers and Patterns		
Type	Partition	Details
Partition for Enterprise Alternate Numbers	Global Learned Enterprise Numbers	NMark Learned Numbers as Urgent
Partition for +E.164 Alternate Numbers	Global Learned E164 Numbers	NMark Learned Numbers as Urgent
Partition for Enterprise Patterns	Global Learned Enterprise Patterns	NMark Fixed Length Patterns as Urgent NMark Variable Length as Urgent
Partition for +E.164 Patterns	Global Learned E164 Patterns	NMark Fixed Length Patterns as Urgent NMark Variable Length as Urgent

3.25.4 Learned Numbers

Global dial plan data that Cisco Unified Communications Manager learns via ILS is stored in the local database. In addition to replicating locally configured data, ILS also replicates learned global dial plan data to the rest of the ILS network so that all data learned by one cluster is learned by all clusters in the ILS network.

The following numbers have been learned:

< No records found >

3.25.5 Learned Patterns

Global dial plan data that Cisco Unified Communications Manager learns via ILS is stored in the local database. In addition to replicating locally configured data, ILS also replicates learned global dial plan data to the rest of the ILS network so that all data learned by one cluster is learned by all clusters in the ILS network.

The following patterns have been learned:

< No records found >

3.25.6 Learned Directory URIs

Global dial plan data that Cisco Unified Communications Manager learns via ILS is stored in the local database. In addition to replicating locally configured data, ILS also replicates learned global dial plan data to the rest of the ILS network so that all data learned by one cluster is learned by all clusters in the ILS network.

The following Directory URIs have been learned:

< No records found >

3.25.7 Imported Global Dial Plan Catalogs

Cisco Unified Communications Manager allows you to import global dial plan data from a CSV file into any hub cluster in an ILS network. ILS replicates the imported global dial plan data throughout the ILS network allowing you to interoperate Cisco Unified Communications Manager with a Cisco TelePresence Video Communications Server or a third-party call control system.

Imported data includes only global dial plan data that is imported manually into Cisco Unified Communications Manager. Imported global dial plan data does not include data that was learned through ILS.

The following global dial plan data has been imported:

< No records found >

3.25.8 Imported Directory URIs

Cisco Unified Communications Manager allows you to import Directory URIs from a CSV file into any hub cluster in an ILS network and ILS replicates the imported data throughout the ILS network allowing you to interoperate Cisco Unified Communications Manager with a Cisco TelePresence Video Communications Server or a third-party call control system.

Imported data includes only data that is imported manually into Cisco Unified Communications Manager. Imported data does not include data that was learned through ILS.

The following Directory URIs have been imported:

< No records found >

3.25.9 Imported Patterns

Cisco Unified Communications Manager allows you to import patterns from a CSV file into any hub cluster in an ILS network and ILS replicates the imported data throughout the ILS network allowing you to interoperate Cisco Unified Communications Manager with a Cisco TelePresence Video Communications Server or a third-party call control system.

Imported data includes only data that is imported manually into Cisco Unified Communications Manager. Imported data does not include data that was learned through ILS.

The following patterns have been imported:

< No records found >

4 Media Resources

Media resource management provides access to media resources for all Cisco Unified Communications Manager (CUCM)s in a cluster. Every Cisco Unified Communications Manager (CUCM) contains a software component called a media resource manager. The media resource manager locates the media resource that is necessary to connect media streams to complete a feature.

The media resource manager manages the following media resource types:

- Music On Hold (MOH) server
- Unicast conference bridge (CFB)
- Media termination point (media streaming application server)
- Transcoder (XCODE)
- Annunciator (ANN)

4.1 Annunciator

An annunciator, an SCCP device that uses the Cisco Media Streaming Application service, enables Cisco Unified Communications Manager to play prerecorded announcements (.wav files) and tones to Cisco Unified IP Phones and

gateways. The annunciator, which works with Cisco Multilevel Precedence and Preemption (MLPP), enables Cisco Unified Communications Manager to alert callers as to why the call fails. Annunciator can also play tones for some transferred calls and some conferences.

Annunciator		
Name	**Annunciator Information**	
ANN_2	Server	10.5.1.120
	Description	ANN_CUCM120
	Device Pool	Default
	Location	Hub_None
	Use Trusted Relay Point	Off

4.2 Interactive Voice Responses

The Interactive Voice Response (IVR) device enables Cisco Unified Communications Manager to play prerecorded feature announcements (.wav files) to devices such as Cisco Unified IP Phones and Gateways. These announcements play on devices that use features which require IVR announcements like Conference Now.

When you add a node, an IVR device is automatically added to that node. The IVR device remains inactive until the Cisco IP Voice Media Streaming Application service is activated on that node.

An IVR supports 48 simultaneous callers by default. You can change the number of IVR callers using the Cisco IP Voice Media Streaming Application service parameter; however, we recommend that you do not exceed 48 IVR callers on a node. You can configure the number of callers for IVR based on expected simultaneous calls to IVR for joining Conference Now.

Interactive Voice Response		
Name	**Interactive Voice Response(IVR) Information**	
IVR_2	Server	10.5.1.120
	Description	IVR_CUCM120
	Device Pool	Default
	Location	Hub_None
	Use Trusted Relay Point	Default

4.3 Conference Bridge

A conference bridge is a resource that joins multiple participants into a single call. It can accept any number of connections for a given conference, up to the maximum number of streams allowed for a single conference on that device. There is a one-to-one correspondence between media streams connected to a conference and participants connected to the conference. The conference bridge mixes the streams together and creates a unique output stream for each connected party. The output stream for a given party is the composite of the streams from all connected parties minus their own input stream. Some conference bridges mix only the three loudest talkers on the conference and distribute that composite stream to each participant (minus their own input stream if they are one of the talkers).

Software conference bridges automatically get added when a Cisco Unified Communications Manager server gets added. You can update software conference bridges, but you cannot delete them.

A hardware conference bridge has all the capabilities of a software conference bridge. In addition, some hardware conference bridges can support multiple low bit-rate (LBR) stream types such as G.729, GSM, or G.723. This capability enables some hardware conference bridges to handle mixed-mode conferences. In a mixed-mode conference, the hardware conference bridge transcodes G.729, GSM, and G.723 streams into G.711 streams, mixes them, and then encodes the resulting stream into the appropriate stream type for transmission back to the user. Some hardware conference bridges support only G.711 conferences.

All conference bridges that are under the control of Cisco Unified Communications Manager (CUCM) use Skinny Client Control Protocol (SCCP) to communicate with CUCM. Cisco Unified Communications Manager allocates a conference bridge from a conferencing resource that is registered with the (CUCM) cluster. Both hardware and software conferencing resources can register with Cisco Unified Communications Manager at the same time, and CUCM can allocate and use conference bridges from either resource. Cisco Unified Communications Manager does not distinguish between these types of conference bridges when it processes a conference allocation request.

Conference Bridge	
Name	**Conference Bridge Info**
CFB_2	Conference Bridge Type: Cisco Conference Bridge Software Description: CFB_CUCM120 Device Pool: Default Common Device Configuration: < None > Location: Hub_None Use Trusted Relay Point: Default
CMSbridge	Conference Bridge Type: Cisco Meeting Server Description: Test CMSbridge Conference Bridge Prefix: 88 SIP Trunk: INFORMACAST_SIP_TRUNK Allow Control of Call Security Icon: Y **HTTP Interface Info** Override SIP Trunk Destination as HTTP Address: N Username: admin Use HTTPS: Y HTTP Port: 443

4.4 Media Termination Point

A Media Termination Point software device allows Cisco Unified Communications Manager to relay calls that are routed through SIP or H.323 endpoints or gateways. You can allocate a media termination point device because of DTMF or RSVP requirements. When a media termination point is allocated for RSVP, you can insert it between any type of endpoint device, including SIP or H.323 devices.

Media termination point, a Cisco software application, is installed on a server during the software installation process. You must activate and start the Cisco IP Voice Media Streaming App service on the server on which you configure the media termination point device.

Media Termination Point	
Name	**Media Termination Point Information**
MTP_2	Media Termination Point Type: Cisco Media Termination Point Software Host Server: 10.5.1.120 Description: MTP_CUCM120 Device Pool: Default Trusted Relay Point: N

4.5 Music On Hold Audio Source

The integrated Music On Hold (MOH) feature allows users to place on-net and off-net users on hold with music that is streamed from a streaming source. The Music On Hold feature allows two types of hold:

- End-user hold
- Network hold, which includes transfer hold, conference hold, and call park hold

Music On Hold also supports other scenarios where recorded or live audio is needed.

Music On Hold Audio Source Configuration	
MOH Audio Stream Number	**Details**
1	**Music On Hold Server Audio Source Information** MOH Audio Source File: SampleAudioSource MOH Audio Source Name: SampleAudioSource Allow Multi-casting: N MOH Audio Source Type: Use MOH WAV file source

Music On Hold Audio Source Configuration	
MOH Audio Stream Number	**Details**
	MOH Audio Source File: SampleAudioSource
	Announcement Settings for Held and Hunt Pilot Calls
	Initial Announcement: < None >
	Initial Announcement for queuing-enabled Hunt Pilot calls: Play announcement before routing to Hunt Member
	Periodic Announcement: < None >
	Periodic Announcement Interval: 30
	Locale Announcement: English United States

4.6 Music On Hold Server

The music on hold server uses the Station Stimulus (Skinny Client) messaging protocol for communication with Cisco Unified Communications Manager. A music on hold server registers with the Cisco Unified Communications Manager as a single device and reports the number of simplex, unicast audio streams that it can support. The music on hold server advertises its media type capabilities to the Cisco Unified Communications Manager as G.711 mu-law and a-law, G.729a, and wideband. Cisco Unified Communications Manager starts and stops Music On Hold unicast streams by sending skinny client messages to the music on hold server.

A music on hold server handles up to 500 simplex, unicast audio streams. A media resource group includes one or more music on hold servers. A music on hold server supports 51 audio sources, with one audio source that is sourced from a fixed device that uses the local computer audio driver, and the rest sourced from files on the local music on hold server.

Music On Hold (MOH) Server

Name	Device Information	
MOH_2	Host Server	10.5.1.120
	Description	MOH_CUCM120
	Device Pool	Default
	Location	Hub_None
	Maximum Half Duplex Streams	250
	Maximum Multicast Connections	250000
	Fixed Audio Source Device	
	Use Trusted Relay Point	Off
	Run Flag	Y
	Multicast Audio Source Information	
	Enable Multicast Audio Sources on this MOH Server	N
	Base Multicast IP Address	0.0.0.0
	Base Multicast Port Number	0
	Increment Multicast on	Port Number

Selected Multicast Audio Sources

No	Audio Source Name	Repeat	Max Hops	Codec (IP:port)
No multicast sources selected				

4.7 Video On Hold Server

The Video on Hold feature is for video contact centres where customers calling into the video contact centre are able to watch a specific video after initial consultation with the agent at the contact centre. In this case, the agent selects the video stream that gets played to the customer while the customer is on hold.

The media content server is an external device that can store and stream audio and video content under Unified Communications Manager control using SIP as the signal protocol.

VOH Server	
Name	**Device Information**
VOHServer01	**VoH Server**
	Description: First VOH server
	Default Video Content Identifier: SampleVideo
	SIP Trunk: VOHServer01-SIPTrunk
	Associated SIP Trunk
	Device Name: VOHServer01-SIPTrunk
	Description: VOHServer01-SIPTrunk
	Device Pool: DP_3
	Location: Hub_None
	SIP Trunk Security Profile: Non Secure SIP Trunk Profile
	SIP Profile: Standard SIP Profile For TelePresence Conferencing
	SRTP Allowed: N
	Run On All Active Unified CM Nodes: N
	Destinations
	Destination Address is an SRV: N
	Destinations: Destination Address: 10.1.5.120; Destination Address IPv6: ; Destination Port: 34567
	Normalization Script
	Normalization Script: cisco-meeting-server-interop
	Enable Trace: N
	Parameters: Parameter Name: MyParameter; Parameter Value: 1

4.8 Transcoder

The Cisco Unified Communications Manager invokes a transcoder on behalf of endpoint devices when the two devices are using different codecs and would normally not be able to communicate. When inserted into a call, the transcoder converts the data streams between the two disparate codecs to enable communications between them.

The Media Resource Manager (MRM) is responsible for resource registration and resource reservation of transcoders within a Cisco Unified Communications Manager cluster. Cisco Unified Communications Manager simultaneously supports registration of both the Media Termination Point (MTP) and transcoder and concurrent MTP and transcoder functionality within a single call.

Transcoder	
Name	**Device Information**
MTP123412341234	Transcoder Type: Cisco Media Termination Point Hardware
	Description: MTP123412341234
	MAC Address: 123412341234
	Device Pool: DP_1
	Common Device Configuration: CommonDeviceProf01
	Special Load Information:
	Trusted Relay Point: Y

4.9 Media Resource Groups and Lists

Media resource group lists specify a list of prioritized media resource groups. An application can select required media resources from among the available resources according to the priority order that is defined in the media resource group list. Media resource group lists, associated with devices, provide media resource group redundancy.

Media resource groups define logical groupings of media servers. You can associate a media resource group with a geographical location or a site as desired. You can also form media resource groups to control the usage of servers or the type of service (unicast or multicast) that is desired.

Media Resource Groups and Lists				
Media Resource List	**Media Resource Groups**			
MRGL1	**Media Resource Group**	**Description**	**Multicast**	**Members**
	MRG1		N	ANN_2 (ANN) CFB_2 (CFB) CMSbridge (CFB) IVR_2 (IVR) MOH_2 (MOH) MTP_2 (MTP) MTP123412341234 (MTP)

4.10 Mobile Voice Access

Mobile Connect allows users to manage business calls using a single phone number and pick up in-progress calls on the desktop phone and cellular phone. Mobile Voice Access is the associated integrated voice response (IVR) system, which allows users to turn Mobile Connect on or off and to initiate calls from a cellular phone or other remote phone as if the call were initiated from the desktop phone.

The Mobile Voice Access window contains settings for localized user IVR prompts.

Mobile Voice Access		
Mobile Voice Access Directory Number	**Mobile Voice Access Partition**	**Selected Locales**
55599899		English United States

4.11 Announcements

When you install Cisco Unified Communications Manager, Cisco-provided announcements and tones are included. The Find and List Announcements window in Cisco Unified Communications Manager Administration displays these announcements and tones, used for basic calls, external call control, or MLPP, depending on the announcement. Cisco Unified Communications Manager allows you to use the Cisco-provided announcements as is, insert customized announcement .wav files, assign a locale for the announcement, change the description for the announcement, or change the message or tone that you want an announcement to play.

The following announcements and tones are installed:

Announcements			
Announcement Identifier	**Description**	**Default Announcement**	**Is System**
AttemptsExceeded	MVA- You have exceeded the maximum number of attempts. Try again later or contact the system administrator.	AttemptsExceeded	Y
CallPrompt	MVA- To make a call press 1. To turn on cisco unified mobility press 2. To turn off cisco unified mobility press 3. To exit or return to the previous menu at any time press *.	CallPrompt	Y
ConferenceNowAccessCodeFailed	Conference Now feature- Access code failed. Goodbye.	ConferenceNowAccessCodeFailed	Y
ConferenceNowAccessCodeInvalid	Conference Now feature-	ConferenceNowAccessCodeInvalid	Y

Announcements			
Announcement Identifier	**Description**	**Default Announcement**	**Is System**
	Access code invalid. Retry.		
ConferenceNowCFBFailed	Conference Now feature- CFB capacity exceeded. Goodbye.	ConferenceNowCFBFailed	Y
ConferenceNowEnterAccessCode	Conference Now feature- Enter access code prompt.	ConferenceNowEnterAccessCode	Y
ConferenceNowEnterPIN	Conference Now feature- Enter PIN prompt.	ConferenceNowEnterPin	Y
ConferenceNowFailedPIN	Conference Now feature- Failed PIN. Goodbye.	ConferenceNowFailedPin	Y
ConferenceNowGreeting	Conference Now feature greeting prompt.	ConferenceNowGreeting	Y
ConferenceNowInvalidPIN	Conference Now feature- Invalid PIN. Retry.	ConferenceNowInvalidPin	Y
ConferenceNowNumberFailed	Conference Now feature- Meeting number failed. Goodbye.	ConferenceNowNumberFailure	Y
ConferenceNowNumberInvalid	Conference Now feature- Meeting number invalid. Retry.	ConferenceNowNumberInvalid	Y
ConfigError	MVA- Cisco unified communications manager has encountered a configuration error. Contact the system administrator.	ConfigError	Y
ContactAdmin	MVA- Contact the system administrator.	ContactAdmin	Y
Eight	MVA- eight	Eight	Y
EnterNumber	MVA- Enter the number you wish to call followed by the pound key.	EnterNumber	Y
EnterPin	MVA- Enter your pin followed by the pound key. Press star pound if you wish to enter another remote destination number. Press star star pound if you wish to select another language.	EnterPin	Y
EnterRemote	MVA- Enter your remote destination number followed by the pound key	EnterRemote	Y
EnterRemoteOff	MVA- Enter the remote destination you wish to turn off followed by the pound key.	EnterRemoteOff	Y
EnterRemoteOn	MVA- Enter the remote destination you wish to turn on followed by the pound key.	EnterRemoteOn	Y
ExtensionInUse	MVA- This extension is already in use. Try another extension or try again later.	ExtensionInUse	Y
Five	MVA- five	Five	Y
Four	MVA- four	Four	Y
Gone_00126	System- Gone	ReorderTone	Y
Goodbye	MVA- Good bye.	Goodbye	Y
Goodbye2	MVA- Good bye.	Goodbye2	Y
InternalError	MVA- Cisco unified communications manager has encountered an internal	InternalError	Y

Announcements			
Announcement Identifier	**Description**	**Default Announcement**	**Is System**
	error.		
InvalidKey	MVA- You have pressed an invalid key.	InvalidKey	Y
Language	MVA- Language	Language	Y
LoggedOut	MVA- You have been logged out. Try again later or contact system administrator.	LoggedOut	Y
MLPP-BNEA_00123	System- MLPP Busy not equipped	MLPP-BNEA	Y
MLPP-BPA_00122	System- MLPP Higher precedence	MLPP-BPA	Y
MLPP-ICA_00120	System- MLPP Service disruption	MLPP-ICA	Y
MLPP-PALA_00119	System- MLPP Precedence access limit	MLPP-PALA	Y
MLPP-UPA_00124	System- MLPP Unauthorized precedence	MLPP-UPA	Y
MobilityFailed	MVA- Sorry, turning on cisco unified mobility for this remote destination failed. Try again or contact the system administrator.	MobilityFailed	Y
MobilityFailedAll	MVA- Sorry, turning on cisco unified mobility for all remote destinations failed. Try again or contact the system administrator.	MobilityFailedAll	Y
MobilityOff	MVA- Cisco unified mobility is now off for this remote destination.	MobilityOff	Y
MobilityOffAll	MVA- Cisco unified mobility is now off for all remote destinations.	MobilityOffAll	Y
MobilityOffAllFailed	MVA- Sorry, turning off cisco unified mobility for all remote destinations failed. Try again or contact the system administrator.	MobilityOffAllFailed	Y
MobilityOffFailed	MVA- Sorry, turning off cisco unified mobility for this remote destination failed. Try again or contact the system administrator.	MobilityOffFailed	Y
MobilityOn	MVA- Cisco unified mobility is now on for this remote destination.	MobilityOn	Y
MobilityOnAll	MVA- Cisco unified mobility is now on for all remote destinations.	MobilityOnAll	Y
MonitoringWarning_00055	System- Monitoring or Recording	MonitoringWarning	Y
Nine	MVA- nine	Nine	Y
NoDestinations	MVA- There are no remote destinations configured in your cisco unified communications manager account for this user. Contact the system administrator.	NoDestinations	Y
NoExtensions	MVA- There are no	NoExtensions	Y

Announcements			
Announcement Identifier	**Description**	**Default Announcement**	**Is System**
	extensions configured in your cisco unified communications manager account for this user. Please contact the system administrator.		
NotAuthorized	MVA- You are not authorised to make a call. Please contact the system administrator.	NotAuthorized	Y
One	MVA- one	One	Y
OtherRemote	MVA- To turn on cisco unified mobility for another remote destination press 1. Press start to return to the previous menu.	OtherRemote	Y
OtherRemoteOff	MVA- To turn off cisco unified mobility for another remote destination press 1. Press * o return to the previous menu.	OtherRemoteOff	Y
PinExpired	MVA- Your pin has expired. Go to the cisco unified communications manager user page to reset your pin.	PinExpired	Y
Press1	MVA- Press 1 to select	Press1	Y
Press2	MVA- Press 2 to select	Press2	Y
Press3	MVA- Press 3 to select	Press3	Y
Press4	MVA- Press 4 to select	Press4	Y
Press5	MVA- Press 5 to select	Press5	Y
Press6	MVA- Press 6 to select	Press6	Y
Press7	MVA- Press 7 to select	Press7	Y
Press8	MVA- Press 8 to select	Press8	Y
Press9	MVA- Press 9 to select	Press9	Y
RecordingWarning_00038	System- Recording	RecordingWarning	Y
ReenterPinUnrecognized	MVA- This is not a recognised pin. Enter your pin followed by the pound key.	ReenterPinUnrecognized	Y
ReenterRemoteUnknown	MVA- This is not a recognised remote destination number. Enter your remote destination number followed by the pound key	ReenterRemoteUnknown	Y
ResourcesUnavailable	MVA- System resources are unavailable. Please try again later.	ResourcesUnavailable	Y
ReturnPrevious	MVA- Press * to return to the previous menu.	ReturnPrevious	Y
SelectExtension	MVA- You have multiple extensions in your account. Enter the extension you wish to use followed by the pound key.	SelectExtension	Y
Seven	MVA- seven	Seven	Y
Six	MVA- six	Six	Y
TemporaryUnavailable_00125	System- Temporarily unavailable	ReorderTone	Y
ThankYou	MVA- Thank you.	ThankYou	Y
Three	MVA- three	Three	Y
ToggleOn	MVA- To turn on cisco unified	ToggleOn	Y

Announcements			
Announcement Identifier	**Description**	**Default Announcement**	**Is System**
	mobility press 2. To turn off cisco unified mobility press 3. To exit or return to the previous menu at any time press *.		
TurnOffMobility	MVA- To turn off cisco unified mobility for one remote destination press 1. For all remote destinations press 2.	TurnOffMobility	Y
TurnOnMobility	MVA- To turn on cisco unified mobility for one remote destination press 1. For all remote destinations press 2.	TurnOnMobility	Y
Two	MVA- two	Two	Y
Unavailable	MVA- Cisco unified communications manager system is unavailable. Try again later.	Unavailable	Y
VCA_00121	System- Vacant number / invalid number dialed	VCA	Y
Wait In Queue Sample	System- Sample queued caller periodic announcement	Wait In Queue Sample	Y
Welcome	MVA- Welcome to cisco unified communications	Welcome	Y
Welcome Greeting Sample	System- Sample caller greeting	Welcome Greeting Sample	Y
Zero	MVA- zero	Zero	Y
ZipTone	System- Exit CFB Zip tone	ExitCfbTone	Y
ZipZipTone	System- Enter CFB ZipZip Tone	EnterCfbTone	Y

5 Advanced Features

The Advanced Features section contains the following configuration sections:

- Voice Mail
- Service Advertisement Framework (SAF) network service
- Extension Mobility Cross Cluster feature (EMCC)
- Cisco Intercompany Media Engine (Cisco IME)
- Fallback of Cisco Intercompany Media Engine
- Virtual Private Network (VPN) features
- Device Location Tracking Services (CUCM 11.5 and later)

5.1 Voice Mail

This section describes the objects that provide voice-messaging capability for users when they are unavailable to answer calls.

- Cisco Voice Mail Port
- Voice Mail Profile and Pilot
- MWI
- MWI on extensions

5.1.1 Cisco Voice Mail Port

The optional Cisco Unity (Connection) software, available as part of Cisco Unified Communications Solutions, provides voice-messaging capability for users when they are unavailable to answer calls.

This section contains the Cisco Unity voice-mail ports which are setup as virtual phones for the Cisco for the Cisco Unity (Connection) server.

Cisco Voicemail Port		
Device Name	**Extension**	**Detail**
CiscoUM1-VI1	9801	

Device Information	
Description	VM CUC port
Device Pool	DP_1
Common Device Configuration	< None >
Calling Search Space	CSS_1
AAR Calling Search Space	< None >
Location	Hub_None
Device Security Mode	Non Secure Voice Mail Port
Use Trusted Relay Point	Default
Geolocation	< None >
Directory Number Information	
Directory Number	9801
Partition	P_1
Calling Search Space	CSS_1
AAR Group	< None >
Internal Caller ID Display	VoiceMail
Internal Caller ID Display (ASCII)	VoiceMail
External Number Mask	

CiscoUM1-VI2	9802

Device Information	
Description	VM CUC port
Device Pool	DP_1
Common Device Configuration	< None >
Calling Search Space	CSS_1
AAR Calling Search Space	< None >
Location	Hub_None
Device Security Mode	Non Secure Voice Mail Port
Use Trusted Relay Point	Default
Geolocation	< None >
Directory Number Information	
Directory Number	9802
Partition	P_1
Calling Search Space	CSS_1
AAR Group	< None >
Internal Caller ID Display	VoiceMail
Internal Caller ID Display (ASCII)	VoiceMail
External Number Mask	

5.1.2 Message Waiting

The Message Waiting Configuration defines a "message waiting on" or "message waiting off" directory number that a directory-connected based voice-messaging system uses to determine whether to set or clear a message waiting indication for a particular Cisco Unified IP Phone.

Message Waiting				
Message Waiting Number	**Partition**	**MWI**	**Description**	**Calling Search Space**
9997	P_1	MWI Off	MWI OFF	CSS_1
9998	P_1	MWI On	MWI ON	CSS_1

5.1.3 Voice Mail Profile and Pilot

Voicemail profiles contain the Pilot extension and MWI settings for any voicemail system and are assigned to phone extensions. The pilot extension is used to forward a call to the voicemail system and can be an individual extension or the pilot point of a hunt-list which contains voicemail extensions.

Voice Mail Profiles and Pilot

Voice Mail Profile	Description	Mask	Default	Pilot Number	Voice Messaging Pilot
Default	Default voice messaging profile		Y		**Voice Mail Pilot Information** Pilot Number: Description: Default CSS: < None > Default Voice Mail Pilot: Y
Exch2010			N	9999	**Voice Mail Pilot Information** Pilot Number: 9999 Description: Exchange CSS: CSS_1 Default Voice Mail Pilot: N
NoVoiceMail	No Voice Mail		N		**Voice Mail Pilot Information** Pilot Number: Description: No Voice Mail CSS: < None > Default Voice Mail Pilot: N
UnityConnection			N	9800	**Voice Mail Pilot Information** Pilot Number: 9800 Description: Voicemail CUC CSS: CSS_1 Default Voice Mail Pilot: N
VMP_Brisbane			N	9800	**Voice Mail Pilot Information** Pilot Number: 9800 Description: Voicemail CUC CSS: CSS_1 Default Voice Mail Pilot: N
VMP_Perth			N	9800	**Voice Mail Pilot Information** Pilot Number: 9800 Description: Voicemail CUC CSS: CSS_1 Default Voice Mail Pilot: N
VMP_Sydney			N	9800	**Voice Mail Pilot Information** Pilot Number: 9800 Description: Voicemail CUC CSS: CSS_1 Default Voice Mail Pilot: N

5.2 SAF

The call control discovery feature leverages the Service Advertisement Framework (SAF) network service, a proprietary Cisco service, to facilitate dynamic provisioning of inter-call agent information. By adopting the SAF network service, the

call control discovery feature allows Cisco Unified Communications Manager to advertise itself along with other key attributes, such as directory number patterns that are configured in Cisco Unified Communications Manager Administration, so other call control entities that also use SAF network can use the advertised information to dynamically configure and adapt their routing behaviors; likewise, all entities that use SAF advertise the directory number patterns that they own along with other key information, so other remote call-control entities can learn the information and adapt the routing behavior of the call.

The call control discovery feature eliminates the need for redundant SIP proxies or complex gatekeeper configurations, which provide dial plan resolution and reachability status of remote call-control entities in the network.

With the Call Control Discovery feature, each local Cisco Unified Communications Manager cluster can perform the following tasks:

- Establish an authenticated connection with the SAF network
- Advertise the cluster to the SAF network by providing the IPv4 address or hostname of the server, the signaling protocol and port numbers that the SAF network uses to contact the cluster, and the directory number patterns that are configured in Cisco Unified Communications Manager Administration for the cluster
- Register with the SAF network to listen for requests that are coming from other remote call-control entities that also use the SAF-related network
- Use the information that is learned from the advertisements to dynamically add patterns to its master routing table, which allows Cisco Unified Communications Manager to route and set up calls to these destinations by using the associated IP address and signaling protocol information.
- When connectivity to a remote call-control entity gets lost, the SAF network notifies Cisco Unified Communications Manager to mark the learned information as IP unreachable. The call then goes through the PSTN.
- Provide redundancy to advertise and listen for information, so if a server loses connectivity to its primary SAF forwarder for any reason, another backup SAF router can be selected to advertise and listen for information.

5.2.1 SAF Security Profile

In the SAF Security Profile Configuration window, you configure a SAF security profile so that a secure connection occurs between the SAF forwarder and the Cisco Unified Communications Manager. When you configure a SAF forwarder in the SAF Forwarder Configuration window, you must choose a SAF security profile to apply to the SAF forwarder.

Cisco Unified Communications Manager uses digest authentication (SHA1) to communicate with the SAF forwarder.

The call control discovery feature leverages the Service Advertisement Framework (SAF) network service, a proprietary Cisco service, to facilitate dynamic provisioning of inter-call agent information.

SAF Security Profile			
Name	**Description**	**Device Security Mode**	**User Name**
SAFSecurityProfile1	SAFProf Desc 01	Authenticated	admin
SAFSecurityProfile2	SAFProf Desc 02	Authenticated	admin

5.2.2 SAF Forwarder

A SAF forwarder, a Cisco router that you configure for Call Control Discovery/SAF, handles the publishing requests from Cisco Unified Communications Manager for the call control discovery feature. In addition, the SAF forwarder handles advertising requests from remote call-control entities for the Call Control Discovery feature.

SAF Forwarder	
Name	**Details**
SAFForwarder1	Description: Desc SAFForwarder1 Client label: Client_Label SAF Security Profile: SAFSecurityProfile1 SAF Forwarder Address: 99.67.67.22 SAF Forwarder Port: 5050 Enable TCP Keep Alive: Y SAF Reconnect Interval: 21 SAF Notifications Window Size: 7 Selected Cisco Unified Communications Managers: CUCM120

5.3 EMCC

The Cisco Extension Mobility Cross Cluster feature (EMCC) allows an enterprise user of one Cisco Unified Communications Manager cluster (the home cluster) to log in to a Cisco Unified IP Phone of another Cisco Unified Communications Manager cluster (the visiting cluster) during travel as if the user is using the IP phone at the home office.

If a user remains in a single cluster, configuration of the Cisco Extension Mobility feature suffices to provide the user with extension mobility capabilities.

The solution to address the problem of extension mobility across clusters specifies cross-registration. Cross-registration implies the following characteristics:

- User from home cluster logs in to a phone at visiting cluster.
- Login procedure conveys the device information to the home cluster database.
- Home cluster database builds a temporary device with user device profile.
- Home cluster TFTP server builds the phone configuration file.
- After login, visiting cluster directs the phone to home cluster TFTP server.
- Phone downloads its TFTP configuration from home cluster (HC) TFTP server and then cross-registers with home cluster Cisco Unified Communications Manager.

Note : Clusters are designated as home or visiting relative to the login user.

5.3.1 EMCC Feature Configuration

The following table contains all EMCC feature parameters:

Fallback Parameters		
Parameter Name	**Parameter Value**	**Suggested Value**
Default TFTP Server for EMCC Login Device	None	
Backup TFTP Server for EMCC Login Device	None	
Default Interval for Expired EMCC Device Maintenance	1440	1440
Enable All Remote Cluster Services When Adding A New Remote Cluster	False	False
CSS for PSTN Access SIP Trunk	Use trunk CSS	Use trunk CSS
EMCC Geolocation Filter	None	
EMCC Region Max Audio Bit Rate	8 kbps (G.729)	8 kbps (G.729)
EMCC Region Max Video Call Bit Rate (Includes Audio)	384	384
EMCC Region Link Loss Type	Factory Default low loss	Factory Default low loss
RSVP SIP Trunk KeepAlive Timer	15	15
Default Server For Remote Cluster Update	None	
Backup Server For Remote Cluster Update	None	
Remote Cluster Update Interval	30	30

5.3.2 EMCC Intercluster Service Profile

EMCC intercluster service profile allows activation of the Cisco Extension Mobility Cross Cluster feature, activation of PSTN access and assigned SIP trunk, and activation of the RSVP agent and assigned SIP trunk.

EMCC Intercluster Service Profile		
Name	**Active**	**SIP Trunk**
EMCC	N	< None >
PSTN Access	N	< None >
RSVP Agent	N	< None >

5.4 Cluster View

This section defines the EMCC Remote Clusters. EMCC Remote Clusters are used to allow users from this home cluster to roam to the remote cluster as visitors and login with Extension Mobility.

Cluster ID: Ensure that this cluster ID matches the enterprise parameter value of the cluster ID of the other clusters.

Fully Qualified Name: Use the IP address of the remote cluster or a domain name that can resolve to any node on the remote cluster.

Remote Cluster	
Cluster Id	**Details**
ClusterViewTest	**Remote Cluster Information**
	Description: < None >
	Fully Qualified Name: uplinxothercluster
	Version: < None >
	Remote Cluster Service Information

Remote Cluster Service Information

Enable	Service	Remote Activated	Address-1	Address-2	Address-3
N	EMCC	N	< None >	< None >	< None >
N	PSTN Access	N	< None >	< None >	< None >
N	RSVP Agent	N	< None >	< None >	< None >
Y	TFTP	N	< None >	< None >	< None >
N	LBM	N	< None >	< None >	< None >
N	UDS	N	< None >	< None >	< None >

5.5 Intercompany Media Services

Cisco Intercompany Media Engine (Cisco IME) provides a technique for establishing direct IP connectivity between enterprises by combining peer-to-peer technologies with the existing public switched telephone network (PSTN) infrastructure. Cisco IME allows companies that have deployed Cisco Unified Communications Manager to communicate over the Internet rather than the PSTN by creating dynamic Session Initiation Protocol (SIP) trunks between the enterprises. By enabling traffic outside of the enterprise to travel over the Internet, Cisco IME extends features and functionality to external calls that have previously worked exclusively within the enterprise, such as video enabled calls, wideband audio support, rich caller ID, presence, and others.

Cisco Intercompany Media Engine (Cisco IME) requires the following components: the Cisco IME server, the Cisco Unified Communications Manager server, the Cisco Intercompany Media Engine-enabled ASA, and certificates from the GoDaddy.com website. The Cisco IME server resides in the demilitarized zone (DMZ) at the customer premise and functions as an automated provisioning service. The server learns VoIP routes to particular phone numbers and pushes those routes to the Cisco Unified Communications Manager. The Cisco Unified Communications Manager server connects to the Cisco IME server through a proprietary protocol called the Validation Access Protocol (VAP). The Cisco Unified Communications Manager performs all call processing functions as in a standard Cisco Unified Communications Manager deployment. The Cisco Intercompany Media Engine-enabled ASA provides perimeter security for the Cisco Intercompany Media Engine solution. The GoDaddy.com website allows you to obtain certificates that are needed to participate in the peer-to-peer network that the ring of Cisco IME servers create.

5.5.1 Server Connection

Use the Intercompany Media Engine Server Connection Configuration window to specify information about the Cisco Intercompany Media Engine (Cisco IME) server to which Cisco Unified Communications Manager connects.

This information enables Cisco Unified Communications Manager to connect to the Cisco IME server to initiate VAP messaging. The interface between servers allows Cisco Unified Communications Manager to publish its configured direct inward dialing (DID) patterns and to learn new routes.

After Cisco Unified Communications Manager establishes a connection, CUCM sends a VAP Register message to the Cisco IME server. This message contains the username that associates with the application user that the Application User field specifies. The Cisco IME server checks the credentials against the configured VAP username and password.

Server Connections	
Name	**Details**
IMEServrConnTest	**Intercompany Media Engine Server Connection Information**
	Description: < None >

Server Connections	
Name	**Details**
	IP Address: 10.5.1.120 Port: 5620 **Authentication Information** Application User: admin Server Security Mode: Authenticated Server Reconnect/VAP Retry Interval: 120

5.5.2 Enrolled Group

The numbers selected to participate in Cisco Intercompany Media Engine (Cisco IME) are set by creating enrolled groups and patterns. Enrolled groups are a collection of enrolled patterns. These patterns define the set of +E.164 numbers that make and receive Cisco IME calls. Cisco IME publishes these numbers to the IME distributed cache. By doing so, Cisco IME makes these numbers available for other enterprises to learn through Cisco IME. Numbers within your enterprise must also match a pattern in an enrolled group in order to make Cisco IME calls. You can create an enrolled group for each of your campuses or sites to facilitate incremental deployment of Cisco IME, starting with certain sites or campuses and extending the deployment as usage grows.

After creating the enrolled group, create the enrolled patterns, assign the patterns to a group, and associate the group with a Cisco IME service. If you want to disable Cisco IME for certain phones in the enterprise, you can unassign the enrolled group for those phones from the Cisco IME service.

Intercompany Media Services Enrolled Group Information			
Group Name	**Description**	**Fallback Profile**	**All Patterns in Group Are Aliases**
IMSEnrolledGrpTest	< None >	< None >	N

5.5.3 Enrolled Pattern

Cisco Intercompany Media Engine (Cisco IME) enrolled patterns define the set of +E.164 numbers that make and receive Cisco IME calls. Cisco IME publishes these numbers to the IME distributed cache. By doing so, Cisco IME makes these numbers available for other enterprises to learn through Cisco IME. The patterns must specify valid direct inward dialing numbers (DIDs) that the enterprise owns. Numbers within your enterprise must match a pattern that is found in an enrolled group in order to make Cisco IME calls.

To eliminate the need for day-to-day provisioning of specific numbers, as individual phones are added to and removed from the system, you can add a pattern that represents a large group of numbers for a given site. The enrolled pattern can include numbers that you have not assigned to a phone. Numbers that are not associated to a phone cannot be validated.

After you create enrolled patterns, you associate them to an enrolled group and assign the enrolled group to a Cisco Intercompany Media Engine service. You can disable or enable Cisco IME from calling certain phones in the enterprise by disassociating or associating the enrolled group to the Cisco IME service.

Intercompany Media Services Enrolled Pattern Information		
Pattern	**Description**	**Enrolled Group**
+14089021XXX	Solo Testing	IMSEnrolledGrpTest

5.5.4 Exclusion Group

Exclusion groups contain a list of numbers that you want to prevent from using Cisco Intercompany Media Engine (Cisco IME), including numbers of analog devices and fax machines. First the exclusion group is created, then exclusion numbers are created that are then associated with a particular exclusion group. Finally, you associate the exclusion group to the Cisco IME service.

Intercompany Media Services Exclusion Group Information	
Name	**Description**
IMSEExclusionGrp	Not these guys

5.5.5 Exclusion Number

Use the Intercompany Media Services Exclusion Number Configuration window to define numbers, sets of numbers, prefixes, or sets of prefixes that you do not want to use Cisco Intercompany Media Engine (Cisco IME), even if these numbers occur within a list of numbers that are included in the Cisco IME enrolled pattern.

Intercompany Media Services Exclusion Number Information		
Pattern	**Description**	**Exclusion Group**
+7941	Not for the 7941	IMSEExclusionGrp
+7975	Not for the 7975	IMSEExclusionGrp
+7976	Not for the 7976	IMSEExclusionGrp

5.5.6 Trust Group

Cisco Intercompany Media Engine (Cisco IME) trust groups contain a list of domains and prefixes that are trusted (or not trusted) by the Cisco IME service that associates with the trust group. Cisco Unified Communications Manager can only place Cisco IME calls to domains or prefixes that are trusted.

Configuration of trust groups is optional. If you do not create trust groups, Cisco IME trusts all calls by default.

Intercompany Media Services Trust Group Information		
Name	**Description**	**Trusted**
IMSTrustGrp	We trust these groups for IME	Y
IMSTrustGrpNoped	We DONT trust these groups for IME	N

5.5.7 Trust Element

Cisco Intercompany Media Engine (Cisco IME) trust elements specify prefixes or domains that you want to trust or not trust. You include the trust elements in a trust group. Cisco Unified Communications Manager can only place Cisco IME calls to domains or prefixes that are trusted. You cannot receive Cisco IME calls from a number whose prefix or domain is specified in an untrusted element.

Intercompany Media Services Trust Element Information			
Name	**Description**	**Element Type**	**Trust Group**
IMSTrustElement01	An element	Domain	IMSTrustGrp

5.5.8 Service

Use the Intercompany Media Service Configuration window to configure and activate the Cisco Intercompany Media Engine (Cisco IME) service. To configure the Cisco IME service in Cisco Unified Communications Manager Administration, you associate various components that you have already configured, including trusted groups, enrolled groups, and exclusion groups. You indicate the Cisco IME server with which you want Cisco Unified Communications Manager to communicate. Communications between the Cisco Unified Communications Manager and the Cisco IME servers begin after you configure and activate the Cisco IME service.

To begin load balancing so that the system work spreads across multiple Cisco Intercompany Media Engine servers, create more than one Cisco Intercompany Media Engine service with different Cisco Intercompany Media Engine servers and move some of the enrolled groups from the old Cisco Intercompany Media Engine service to the new service.

Service	
Name	**Details**
IMSInfoTest	**Intercompany Media Service Information** Description: Testing this for RT Domain: uplinx.com SIP Trunk: SIPTrunkCIME Trust Group: < None > Exclusion Group: < None > Firewall: < None > Selected Enrolled Groups: < None >

Service	
Name	**Details**
	Activated: N
	Server Information
	Primary IME Server: IMEServrConnTest
	Secondary IME Server: < None >

5.5.9 E.164 Transformation

Cisco Intercompany Media Engine (Cisco IME) E.164 transformations convert calling numbers and called numbers on both the originating and terminating (incoming and outgoing) sides to +E.164 format after a PSTN call terminates. Cisco IME E.164 transformations do not impact call routing or digit analysis in Cisco Unified Communications Manager. The transformations allow the following actions to occur:

- Send UploadVCRs to the Cisco Intercompany Media Engine server for unlearned direct inward dialing numbers (DIDs).
- Reroute calls to the Cisco IME trunk if the DID exists in the learned table.

You associate Cisco IME E.164 transformations with a PSTN access trunk. If the transformation does not yield valid calling and called numbers on the incoming and outgoing sides of the call, no VCR upload takes place, and Cisco IME processing stops for that call.

E.164 Transformation	
Name	**Details**
E164Transformation01	**E.164 Transformation**
	Description: Test transfo
	Outgoing Calling Party Settings
	Outgoing Party E.164 Transformation CSS: INFORMACAST_CSS
	Apply On: Routing Transformed Number
	Outgoing Called Party Settings
	Outgoing Party E.164 Transformation CSS: INFORMACAST_CSS
	Apply On: Original Number
	Incoming Transformation Profile Settings
	Incoming Calling Party Transformation Profile: TransProfInoTest
	Incoming Called Party Transformation Profile: TransProfInoTest

5.5.10 Learned Route

Learned routes specify lists of all +E.164 numbers that the system has learned through Cisco Intercompany Media Engine (Cisco IME). You can enable or disable a particular route. You can disable if you are having problems with a particular route and you need to disable to troubleshoot.

The following is a list of the Intercompany Media Services learned routes:

< No records found >

5.5.11 Firewall

Use the Intercompany Media Services Firewall Configuration window to configure the IP address and port of the ASA mapping service. You need to configure this information if you have implemented an off-path deployment model in which normal Internet-facing traffic does not flow through the same adaptive security appliance (ASA) as the Cisco Intercompany Media Engine (Cisco IME) traffic.

During an outbound call attempt, the SIP invite message must be routed to the offpath Cisco IME enabled ASA. Cisco Unified Communications Manager sends a request to the ASA for a mapping of the global IP/port of the remote enterprise (found in the Cisco IME learned route) to an internal IP/port on the Cisco IME enabled ASA. Cisco Unified Communications Manager then initiates a SIP Invite that routes to this internal IP/port. The Cisco IME enabled ASA performs NAT, mapping

to the global IP/port of the remote enterprise from the IME learned route. The offpath Cisco IME enabled ASA proxies this signaling session and initiates a TLS session to this global IP/port (the Cisco IME enabled ASA of the remote enterprise).

Intercompany Media Services Firewall Information			
Name	**Description**	**IP Address**	**Port**
IMSFirewallInfo	Obviously Spurious	10.5.1.167	8060

5.5.12 Intercompany Media Services Feature Configuration

The following values are configured for the Intercompany Media Services feature parameters.

Fallback Parameters		
Parameter Name	**Parameter Value**	**Suggested Value**
Allow IME Calls through MGCP FXS/FXO	False	False
Enable Intradomain IME	False	False
Allow MWI via IME Learned Routes	True	True
SIP Trunk IME Connection Timer for Destination Enterprise	2	2
Firewall Connection Request Timer For IME Calls	2	2
Firewall Mapping Response Timer For IME Calls	2	2
Firewall Mapping Connection Idle Timer For IME calls	10	10
IME Failed Call Attempt Threshold	50	50
IME Call Fallback Attempt Threshold	50	50
IME Quality Alert Evaluation Interval	120	120
Use IME For Outbound Call	False	True

5.6 Fallback

This section configures parameters that apply to mid-call fallback of Cisco Intercompany Media Engine (Cisco IME) calls to the PSTN.

If you configure mid-call fallback information, the system detects voice quality issues based on the threshold that you set, and switches the audio path to a different bearer channel, most likely the PSTN. You must configure fallback on both the originating and terminating sides of the call in order for fallback to work.

5.6.1 Fallback Profile

The fallback profile defines several values that the Cisco Unified Communications Manager uses to fallback Cisco IME calls to the PSTN. The fallback profile defines the level of quality of service at which Cisco Unified Communications Manager attempts a mid-call fallback as well as the fallback number that the Cisco Unified Communications Manager uses to invoke the PSTN call.

When a user makes a call to a number that is linked to a fallback profile, the Cisco Unified Communications Manager of the calling party receives a fallback directory number that is configured on the Cisco Unified Communications Manager of the called party. The Cisco Unified Communications Manager uses the fallback number for the PSTN call when the ASA triggers a fallback to the PSTN.

Fallback Profile	
Name	**Details**
Fallback Profile	**Fallback Profile Information**
	Description: Desc FallbackProfile1
	Call Setup Fallback Settings
	Advertised Fallback Directory E.164 Number: +999765
	Call Fallback Trigger Settings
	Fallback QOS Sensitivity Level: Utility (Lowest tolerable quality, not for extended duration calls)
	Fallback Call Settings
	Fallback Call CSS: Calling device AAR Calling Search Space

Fallback Profile	
Name	**Details**
	Fallback Call Answer Timer: 6 **Fallback Call Handling Settings** Fallback Directory Number Partition: P_1 Fallback Directory Number: +9997633 Number of Digits for Caller ID Partial Match: 5
Fallback Profile2	**Fallback Profile Information** Description: Desc FallbackProfile2 **Call Setup Fallback Settings** Advertised Fallback Directory E.164 Number: +2223337 **Call Fallback Trigger Settings** Fallback QOS Sensitivity Level: Disable Fallback (No PSTN fallback option) **Fallback Call Settings** Fallback Call CSS: Trunk ReRoute Calling Search Space Fallback Call Answer Timer: 2 **Fallback Call Handling Settings** Fallback Directory Number Partition: P_2 Fallback Directory Number: +222226 Number of Digits for Caller ID Partial Match: 14

5.6.2 Fallback Feature Configuration

The following Fallback feature parameters apply to mid-call fallback of Cisco Intercompany Media Engine:

Fallback Parameters		
Parameter Name	**Parameter Value**	**Suggested Value**
Enable Fallback for IME calls	True	True
Fallback QOS Sensitivity Level	Nominal (Default sensitivity, almost all enterprise deployments qualify)	Nominal (Default sensitivity, almost all enterprise deployments qualify)
Fallback Number Of DTMF Correlation Digits	4	4
Fallback DTMF Collection Timer	5	5
Fallback Call Answer Timer	6	6
Clear IME Call Delay Timer	5	5
DTMF Interdigit Delay Timer	500	500
Post Connect Fallback Delay Timer	3	3
Fallback Split Delay Timer	500	500
Fallback Call CSS	AAR CSS	AAR CSS

5.7 VPN

The Cisco Unified Communications Manager over Virtual Private Network (VPN) features allow the phone using the in-built VPN client to use SSL to register with ASA or IOS device and function remotely.

The Cisco VPN Client for Cisco Unified IP Phones adds another option for customers attempting to solve the remote telecommuter problem by complementing other Cisco remote telecommuting offerings.

- All settings configured via CUCM administration.
- After configuring the phone within the Enterprise, the user can take it home and plug it into their broadband router for instant connectivity, without any difficult menus to configure.
- Phones can receive firmware updates and configuration changes remotely.

- VPN tunnel only applies to voice and IP phone services. A PC connected to the PC port is responsible for authenticating and establishing its own tunnel with VPN client software.

The VPN Feature Configuration window contains the common configuration settings for the VPN feature that the system uses when you do not associate a VPN Profile with a Common Phone Profile. If you define a VPN Profile as part of configuring a Common Phone Profile, the VPN Profile settings take precedence over the VPN Feature Configuration settings.

5.7.1 VPN Profile

The VPN Profile settings are assigned to the Cisco Unified IP Phone by using the Common Phone Profile Configuration window. This is the list of configured VPN profiles.

VPN Profile		
Name	**Details**	
VPNProfile1	**VPN Profile Information**	
	Description	Desc VPNProfile1
	Enable Auto Network Detect	Y
	Tunnel Parameters	
	MTU	1290
	Fail to Connect	30
	Enable Host ID Check	Y
	Client Authentication	
	Client Authentication Method	User and Password
	Enable Password Persistence	N
VPNProfile2	**VPN Profile Information**	
	Description	Desc VPNProfile2
	Enable Auto Network Detect	Y
	Tunnel Parameters	
	MTU	1290
	Fail to Connect	30
	Enable Host ID Check	N
	Client Authentication	
	Client Authentication Method	User and Password
	Enable Password Persistence	N

5.7.2 VPN Group

A VPN Group contains VPN gateways which are used to create the VPN connection.

You can add up to a maximum of three VPN gateways to a VPN group. The total number of certificates in the VPN group cannot exceed 10.

< No records found >

5.7.3 VPN Gateway

The following VPN gateways (Cisco Adaptive Security Appliance (ASA)) are configured on CUCM.

The VPN Gateway URL is the URL for the main VPN concentrator in the gateway. Note : You must configure the VPN concentrator with a group-URL and use this URL as the gateway URL.

You can assign up to 10 certificates to a VPN Gateway, and you must assign at least one certificate to each gateway. Only certificates that are associated with the Phone-VPN-trust role display in the available VPN certificates list. To configure a VPN gateway, you must first upload the VPN concentrator certificates and then configure the VPN gateway.

< No records found >

5.7.4 VPN Feature Configuration

VPN Feature Configuration contains default settings for the VPN feature, used when a VPN Profile is not associated a Common Phone Profile. If a VPN Profile is associated with a Common Phone Profile, the VPN Feature Configuration settings will not be used.

VPN Parameters		
Parameter Name	**Parameter Value**	**Suggested Value**
Enable Auto Network Detect	False	False
MTU	1290	1290
Fail to Connect	30	30
Client Authentication Method	User And Password	User And Password
Enable Password Persistence	False	False
Enable Host ID Check	True	True

5.8 Called Party Tracing List

Called Party Tracing allows you to configure a directory number or list of directory numbers that you want to trace. You can request on-demand tracing of calls using the Session Trace Tool.

Called Party Tracing List	
Called Party Number Ends With	**Description**
336798	

5.9 ILS Configuration

When the Intercluster Lookup Service (ILS) is configured on multiple Unified CM clusters, ILS updates Cisco Unified Communications Manager with the current status of remote clusters in the ILS network. The ILS cluster discovery service allows Cisco Unified Communications Manager to learn about remote clusters without the need for an administrator to manually configure connections between each cluster.

The ILS URI Replication feature enables ILS to exchange directory URI catalogs with the other clusters in an ILS network. URI Replication provides support for intercluster URI dialing.

Although ILS is activated and runs on individual cluster nodes, the configuration settings are applied on a cluster-wide basis. After ILS is configured on a cluster node, those settings are propagated out to the other cluster nodes. The length of time that it takes for ILS settings to be propagated to other cluster nodes depends on the synchronization value that you enter.

ILS Configuration	
Intercluster Lookup Service Configuration	
Role	Stand Alone Cluster
Exchange Global Dial Plan Replication Data with Remote Clusters	N
Advertised Route String	
Synchronize Clusters Interval (minutes)	10
ILS Authentication	
Use TLS Certificates	Y

5.10 Call Control Agent Profile

When you associate a Call Control Agent (CCA) profile to a directory number and if ESN and E164 masks are configured on that directory number, then the directory number will be synchronized to the corresponding fields in the external LDAP server that you have configured.

Call Control Agent Profile Configuration						
Call Control Agent Profile ID	**Primary Softswitch ID**	**Secondary Softswitch ID**	**Object Class**	**Subscriber Type**	**SIP Alias Suffix**	**SIP User Name Suffix**
CCAPID01	PrimarySoftswitchID01		ObjectClass01			

5.11 Directory Number Alias Lookup And Sync

The Directory Number Alias Lookup and Sync setup enables you to route the commercial calls to an alternate number. Routing the commercial calls to an alternate number reduces the commercial cost of calling an external number. You must configure the LDAP server for Directory Number Alias Sync (sync server) if you need to synchronize users from Cisco Unified Communications Manager database to the sync server. You must configure the LDAP server for Directory Number Alias Lookup (lookup server) if you need to route the commercial calls to an alternate number.

Directory Number Alias Server			
LDAP Configuration Name	**Details**		
LDAP2013	**LDAP Directory Information**		
	LDAP Manager Distinguished Name	CN=Administrator,CN=Users,DC=lab,DC=test	
	LDAP User Search Base	DC=lab,DC=test	
	LDAP Directory Server Usage	DN Alias Sync and Lookup	
	Directory Number Alias Sync And Lookup Server Configuration		
	Keepalive Search User Distinguished Name		
	Keepalive Time Interval in Minutes	5	
	SIP Alias Suffix		
	Enable Caching of records for Directory Number Alias Lookup	N	
	Record Cache Size	3000	
	Record Cache Age in Hours	0	
	LDAP Server Information		
	LDAP Server 1	Host Name or IP Address	10.5.1.166
		LDAP Port	389
		Use TLS	N

5.12 Device Location Tracking Services

The Device Location Tracking Services section contains the following configuration sections:

- Switches and Access Points
- Wireless Access Points Controllers

5.12.1 Switches and Access Points

The Switches and Access Points section shows a list of tracked switches and wireless access points in your network and their settings.

< No records found >

5.12.2 Wireless Access Points Controllers

Wireless Access Point Controllers section shows the configuration of wireless access point controllers in your network.

Wireless Access Point Controller		
Name	**Wireless Access Point Controller Information**	
10.5.1.120	**Wireless Access Controller Details**	
	Name	10.5.1.120
	Description	A Wireless Access Controller
	SNMP Version	2C
	SNMP Community String	NewCommunityString
	Wireless Access Point Controller Synchronization Schedule	
	Enable scheduled synchronization to discover Infrastructure Devices	N
	Last Sync Attempt(Status)	Never Synced

6 Device

Cisco Unified Communications Manager (CUCM) allows you to configure the following devices in your telephony network:

- CTI route points
- Gatekeepers
- Gateways
- Phones including CTI ports and Voicemail ports
- Trunks
- Device settings, with many settings pertaining to devices, including device profiles, phone button templates, softkey templates, firmware load info and more

6.1 CTI Route Point

A CTI route point virtual device can receive multiple, simultaneous calls for application-controlled redirection. You can configure one or more lines on a CTI route point that users can call to access the application. Applications can answer calls at a route point and can also be redirected to a CTI port or IP phone.

CTI Route Point

crs-55000

Device Information	
Description	AA-55000
Device Pool	Default
Common Device Configuration	< None >
Calling Search Space	< None >
Location	Hub_None
User Locale	< None >
MRGL	< None >
Network MOH Audio Source	< None >
User MOH Audio Source	< None >
Use Trusted Relay Point	Default
Calling Party Transformation CSS	< None >
Geolocation	< None >
Use DP Calling Party Trans. CSS	Y

Details

#	Number	Partition	CSS	Linetext	Alerting Name	External Mask	Pickup Group	Max / Busy	VM Profile	CF All	CF Busy	CF No Answer	CFNA (sec)
1	55000	< None >	< None >					5000/4500	< None >	/ < None >	/ < None >	/ < None >	

crs-55001

Device Information	
Description	AA on 55001
Device Pool	Default
Common Device Configuration	< None >
Calling Search Space	< None >
Location	Hub_None
User Locale	< None >
MRGL	< None >

#	Number	Partition	CSS	Linetext	Alerting Name	External Mask	Pickup Group	Max / Busy	VM Profile	CF All	CF Busy	CF No Answer	CFNA (sec)
1	55001	P_LoggedOut	CSS_Perth					5000/4500	< None >	/ < None >	/ < None >	/ < None >	

CTI Route Point		
Name	**Device Information**	**Details**
	Network MOH Audio Source: < None > User MOH Audio Source: < None > Use Trusted Relay Point: Default Calling Party Transformation CSS: < None > Geolocation: < None > Use DP Calling Party Trans. CSS: Y	

6.2 Gatekeeper

An endpoint gatekeeper is configured to manage all RAS procedures for calls to, from, and between H.323 clients, MCUs, and H.320 video gateways. The endpoint gatekeeper directs all such calls to the appropriate Cisco Unified Communications Manager (CUCM) cluster so that Cisco Unified Communications Manager (CUCM) can perform all of the H.225 call routing and H.245 media negotiations.

An infrastructure gatekeeper is configured to manage all dial plan resolution and bandwidth restrictions (call admission control) between CUCM clusters, between a CUCM cluster and a network of H.323 VoIP gateways, or between a CUCM cluster and a service provider's H.323 VoIP transport network.

Gatekeeper				
Host Name/IP Address	**Description**	**Registration Request Time to Live**	**Registration Retry Timeout**	**Enabled**
10.5.1.120	10.5.1.120	60	300	Y

6.3 Gateway

Cisco Unified Communications gateways enable Cisco Unified Communications Manager (CUCM) to communicate with non-IP telecommunications devices. CUCM supports several types of voice gateways.

This section contains the following gateway devices:

- H.323 Gateway
- MGCP Gateway
- Analog Gateway

6.3.1 Gateway Overview

Cisco Unified Communications Manager (CUCM) supports several types of voice gateways.

The following gateway devices are present:

Gateway Overview					
Device Name	**Protocol**	**Description**	**Device Pool**	**CSS**	**Device Type**
SKIGW1234123410	SCCP	SKIGW1234123410	< None >	< None >	VG224
SKIGWA1B2C3D4E5	SCCP	SKIGWA1B2C3D4E5	< None >	< None >	Cisco 1861
uplinx.com	MGCP	uplinx.com	< None >	< None >	Cisco 26XX

6.3.2 MGCP Gateway

Cisco IP telephony gateways enable Cisco Unified Communications Manager (CUCM) to communicate with non-IP telecommunications devices.

MGCP gateways provide full support for the hold, transfer, and conference features through the MGCP protocol. Because MGCP is a master/slave protocol with CUCM controlling all session intelligence, CUCM can easily manipulate MGCP gateway voice connections.

MGCP Gateways

Name	Device Info		Configured Slots, VICs and Endpoints	
uplinx.com	**Gateway Details**		**Slot: 0/0/0**	
	Product	Cisco 26XX	Module in Slot	0 : AIM-VOICE-30 (2 subunits)
	Protocol	MGCP	Subunit	0 : VWIC-2MFT-T1
	Description	uplinx.com	Port	0
	CUCM Group	CMG_ForTesting	End-Point	S0/DS1-0@uplinx.com
	Product Specific Configuration		**Slot: 0/1/0**	
	Switchback Timing	Graceful	Module in Slot	0 : AIM-VOICE-30 (2 subunits)
	Switchback uptime-delay (min)	10	Subunit	1 : VIC2-2MFT-T1E1-T1
	Switchback schedule (hh:mm)	12:00		

6.3.2.1 MGCP Gateway Endpoints

MGCP Gateway Endpoints are the line interfaces of the MGCP gateways.

This section is linked to the previous section MGCP gateway. The gateway, module and slot configurations are documented there.

MGCP Gateways - Digital Endpoints	
Name	**Device Info**
S0/DS1-0@uplinx.com	

End-Point: S0/DS1-0@uplinx.com (Digital Access T1)	
Device Information	
Product	Cisco MGCP T1 Port
Gateway	uplinx.com
Gateway Slot	0/0/0
Device Protocol	Digital Access T1
Description	S0/DS1-0@uplinx.com
Device Pool	DP_1
Common Device Configuration	< None >
Call Classification	Use System Default
Media Resource Group List	< None >
Packet Capture Mode	None
Packet Capture Duration	0
Calling Search Space	< None >
AAR Calling Search Space	< None >
Location	Hub_None
AAR Group	< None >
MLPP Domain	< None >
MLPP Indication	Default
MLPP Preemption	Default
Confidential Access Mode	< None >
Confidential Access Level	< None >
Handle DTMF Precedence Signals	N
Encode Voice Route Class	N
Load Information	
Port Selection Order	Top Down
Digit Sending	DTMF
Network Locale	United States
SMDI Base Port	0
Use Trusted Relay Point	Default
Route Class Signaling Enabled	Off
V150 (subset)	N
Called Party Transformation CSS	< None >
Use Device Pool Called Party Transformation CSS	Y
PSTN Access	N
Intercompany Media Engine (IME)	
E.164 Transformation Profile	< None >
Incoming Called Party Settings	
Incoming Number	Default / / < None > / Y
Product Specific Configuration	
Line Coding	B8ZS
Framing	ESF
Clock	External
Input Gain (-6..14 db)	0
Output Attenuation (-6..14 db)	0

MGCP Gateways - Digital Endpoints		
Name	**Device Info**	
	Echo Cancellation Enable	Enable
	Echo Cancellation Coverage (ms)	128
	Geolocation Configuration	
	Geolocation	< None >
	Geolocation Filter	< None >
	Ports	
	Port Details: 12 (EANDM)	
	Port Direction	Inbound
	Calling Party Selection	Originator
	Caller ID Type	ANI
	Caller ID DN	
	Prefix DN	
	Num Digits	4
	Expected Digits	4
	Unattended Port	N
	Port Details: 12 (EANDM): Product Specific Configuration	
	Signaling Type	Wink Start
	Port Details: 13 (EANDM)	
	Port Direction	Inbound
	Calling Party Selection	Originator
	Caller ID Type	ANI
	Caller ID DN	
	Prefix DN	
	Num Digits	4
	Expected Digits	4
	Unattended Port	N
	Port Details: 13 (EANDM): Product Specific Configuration	
	Signaling Type	Wink Start
	Port Details: 14 (EANDM)	
	Port Direction	Inbound
	Calling Party Selection	Originator
	Caller ID Type	ANI
	Caller ID DN	
	Prefix DN	
	Num Digits	4
	Expected Digits	4
	Unattended Port	N
	Port Details: 14 (EANDM): Product Specific Configuration	
	Signaling Type	Wink Start

6.3.3 H.323 Gateway

Cisco IP telephony gateways enable Cisco Unified Communications Manager (CUCM) to communicate with non-IP telecommunications devices.

Cisco IOS H.323 gateways must be configured by using the Cisco IOS command-line interface (CLI). Compared to MGCP gateways, H.323 gateways maintain the dial plan and route pattern and can perform number translations autonomously.

< No records found >

6.3.4 Analog Gateway

Cisco IP telephony gateways enable Cisco Unified Communications Manager (CUCM) to communicate with non-IP telecommunications devices.

The Cisco Analog Phone Gateways allow on-premise analog telephones, fax machines, modems, voice-messaging systems, and speakerphones to register with one Cisco Unified Communications Manager (CUCM) cluster.

Analog Gateways

Name	Device Info	Slot Info
SKIGW1234123410		

Gateway Details

Product	VG224
Protocol	SCCP
Description	SKIGW1234123410
MAC Address (last 10 chars)	1234123410
CallManagerGroup	CMG_ForTesting
Product Specific Configuration	
Type Of DTMF Relay	Current GW Config
Modem Passthrough	Enable
Cisco Fax Relay	Disable
T38 Fax Relay	Disable
RTP Package Capability	Enable
MT Package Capability	Disable
RES Package Capability	Disable
PRE Package Capability	Enable
SST Package Capability	Enable
RTP Unreachable OnOff	Enable
RTP Unreachable timeout (ms)	1000
RTCP Report	0

Ports

Port	Device Name	Description	Extension	Partition	External Mask	CSS	Alerting Name	Display	Max/Busy Calls	VM Profile	VM CFB
2/0/0	AN1234123410400	AN1234123410400	999900	P_1		CSS_1			1/1		N

Analog Gateways

Name	Device Info	Slot Info
	Interval (secs): Simple SDP: Enable	
SKIGWA1B2C3D4E5	**Gateway Details** Product: Cisco 1861 Protocol: SCCP Description: SKIGWA1B2C3D4E5 MAC Address (last 10 chars): A1B2C3D4E5 CallManagerGroup: CMG_ForTesting **Product Specific Configuration** Global ISDN Switch Type: 4ESS Switchback Timing: Graceful Switchback uptime-delay (min): 10 Switchback schedule (hh:mm): 12:00 Type Of DTMF Relay: Current GW Config Modem Passthrough: Enable Cisco Fax Relay: Disable T38 Fax Relay: Disable RTP Package Capability: Enable MT Package Capability: Disable RES Package Capability: Disable PRE Package Capability: Enable SST Package Capability: Enable RTP Unreachable OnOff: Enable	< No records found >

Analog Gateways		
Name	**Device Info**	**Slot Info**
	RTP Unreachable timeout (ms): 1000 RTCP Report Interval (secs): 0 Simple SDP: Enable	
uplinx.com	**Gateway Details** Product: Cisco 26XX Protocol: MGCP Description: uplinx.com CallManagerGroup: CMG_ForTesting **Product Specific Configuration** Switchback Timing: Graceful Switchback uptime-delay (min): 10 Switchback schedule (hh:mm): 12:00	< No records found >

6.4 Phone

The list of phones, physical or virtual. This section contains the following phone configurations:

- Phones and lines (extensions and intercoms)
- Subscribed Services
- Speed Dials
- Busy Lamp Field Speed Dials
- Busy Lamp Field Directed Call Parks

6.4.1 Phone Filter

This report has been generated with the following filter applied.If there is a filter configured, not all objects may be be listed.

Phone filter(s)	
Filter	No Filter defined

6.4.2 Analog Phone (1)

Analog Phone

Phone	Base settings	
AN1234123410400	Model	Analog Phone
	Description	AN1234123410400
	Protocol	SCCP
	Device Pool	DP_Sydney
	CSS	< None >
	MRGL	< None >
	Location	Hub_None
	AAR Group	
	Button Template	Standard Analog
	Softkey Template	< None >
	Owner User ID	< None >

Lines

#	Extension	Partition	CSS	Linetext	Alerting Name	External Mask	Pickup Grp	max/busy	VM Profile	CF All	CF Busy	CF NoAnswer	CFNA [secs]
Line 1	999900	P_1	CSS_1					1/1	< None >	/ < None >	/ < None >	/ < None >	

6.4.3 Cisco 7832 (1)

Cisco 7832

Phone	Base settings	
SEP00727849DA40	Model	Cisco 7832
	Description	Auto 10006
	Protocol	SIP
	Device Pool	DP_1

Lines

#	Extension	Partition	CSS	Linetext	Alerting Name	External Mask	Pickup Grp	max/busy	VM Profile	CF All	CF Busy	CF NoAnswer	CFNA [secs]
Line 1	783201	P_1	CSS_1	7832 on 120 new				4/2	< None >	/ < None >	/ < None >	/ < None >	

Cisco 7832		
Phone	**Base settings**	**Lines**
	CSS: CSS_1 MRGL: < None > Location: Hub_None AAR Group: Button Template: Universal Device Template Button Layout Softkey Template: < None > Owner User ID: < None >	

6.4.4 Cisco 7841 (1)

Cisco 7841

Phone	Base settings	Lines
SEP002F5C615751	Model: Cisco 7841 Description: 7841 SIP Protocol: SIP Device Pool: DP_1 CSS: CSS_1 MRGL: < None > Location: Hub_None AAR Group: AARGroupTest Button Template: Standard 7841 SIP Softkey Template: < None > Owner User ID: < None >	

#	Extension	Partition	CSS	Linetext	Alerting Name	External Mask	Pickup Grp	max/busy	VM Profile	CF All	CF Busy	CF NoAnswer	CFNA [secs]
Line 1	10004	P_1	< None >	7841 on 120				4/2	< None >	/ < None >	/ < None >	/ < None >	

6.4.5 Cisco 7861 (1)

Cisco 7861

Phone	Base settings	
SEP6CFA8902CFE1	Model	Cisco 7861
	Description	7861 SIP
	Protocol	SIP
	Device Pool	DP_1
	CSS	CSS_1
	MRGL	< None >
	Location	Hub_None
	AAR Group	
	Button Template	Standard 7961 SIP
	Softkey Template	< None >
	Owner User ID	< None >

Lines

#	Extension	Partition	CSS	Linetext	Alerting Name	External Mask	Pickup Grp	max/busy	VM Profile	CF All	CF Busy	CF NoAnswer	CFNA [secs]
Line 1	10003	P_1	< None >	7861 on new 120				4/2	< None >	/ < None >	/ < None >	/ < None >	

6.4.6 Cisco 7941 (1)

Cisco 7941

Phone	Base settings	
SEP00070E16C0C7	Model	Cisco 7941
	Description	7941 SCCP
	Protocol	SCCP
	Device Pool	Default
	CSS	CSS_1
	MRGL	< None >
	Location	Hub_None
	AAR Group	
	Button Template	SEP00070E16C0C7-SCCP-

Lines

#	Extension	Partition	CSS	Linetext	Alerting Name	External Mask	Pickup Grp	max/busy	VM Profile	CF All	CF Busy	CF NoAnswer	CFNA [secs]
Line 1	794101	P_1	CSS_1	7941 on new 120				4/2	< None >	/ < None >	/ < None >	/ < None >	
Intercom 1	5559550	IntercomPartition_1	IntercomPartition_1_GEN	Intercom 5559550				1/1	< None >	/ < None >	/ < None >	/ < None >	

Cisco 7941		
Phone	**Base settings**	**Lines**
	Individual Template	
	Softkey Template: < None >	
	Owner User ID: < None >	

6.4.7 Cisco 7945 (1)

Cisco 7945		
Phone	**Base settings**	**Lines**
SEP999988887770	Model: Cisco 7945 Description: 7945 MK desk Protocol: SCCP Device Pool: DP_1 CSS: < None > MRGL: MRGL1 Location: Hub_None AAR Group: Button Template: Universal Device Template Button Layout Softkey Template: < None > Owner User ID: < None >	< No records found >

6.4.8 Cisco 7975 (1)

Cisco 7975

Phone	Base settings	Lines
SEPD824BDBBEC46	Model: Cisco 7975 Description: 7975 SCCP Protocol: SCCP Device Pool: DP_1	

#	Extension	Partition	CSS	Linetext	Alerting Name	External Mask	Pickup Grp	max/busy	VM Profile	CF All	CF Busy	CF NoAnswer	CFNA [secs]
Intercom 1	5559551	IntercomPartition_1	IntercomPartition_1_GEN	Intercom				1/1	< None >	/ < None >	/ < None >	/ < None >	

Cisco 7975

Phone	Base settings		Lines													
	CSS	CSS_1	Line 1	797500	< None >	< None >	7975 on 120 new				4/2	< None >	/ < None >	/ < None >	/ < None >	
	MRGL	MRGL1														
	Location	Hub_None														
	AAR Group	AARGroupTest														
	Button Template	Standard 7975 SCCP with intercom button														
	Softkey Template	< None >														
	Owner User ID	< None >														

6.4.9 Cisco 8841 (1)

Cisco 8841

Phone	Base settings		Lines													
			#	Extension	Partition	CSS	Linetext	Alerting Name	External Mask	Pickup Grp	max/busy	VM Profile	CF All	CF Busy	CF NoAnswer	CFNA [secs]
SEP3C5EC30DCC2D	Model	Cisco 8841	Line 1	10005	P_1	CSS_1	8841 on 120	QUALITY CONTROL			4/2	VMP_Sydney	/ < None >	/ < None >	/ < None >	
	Description	8841 SIP														
	Protocol	SIP														
	Device Pool	Default														
	CSS	CSS_1														
	MRGL	< None >														
	Location	Hub_None														
	AAR Group															
	Button Template	Standard 8941 SIP														
	Softkey Template	< None >														
	Owner User ID	< None >														

6.4.10 Cisco 8941 (1)

Cisco 8941

Phone	Base settings	
SEP503DE57D6060	Model	Cisco 8941
	Description	8941 SCCP
	Protocol	SCCP
	Device Pool	DP_1
	CSS	< None >
	MRGL	< None >
	Location	Hub_None
	AAR Group	
	Button Template	Standard 8941 SIP with intercom button test
	Softkey Template	< None >
	Owner User ID	< None >

Lines

#	Extension	Partition	CSS	Linetext	Alerting Name	External Mask	Pickup Grp	max/busy	VM Profile	CF All	CF Busy	CF NoAnswer	CFNA [secs]
Line 1	894100	P_1	CSS_1	8941 on new 120				4/2	< None >	/ < None >	/ < None >	/ < None >	
Intercom 1	5559552	IntercomPartition_1	IntercomPartition_1_GEN	Int				1/1	< None >	/ < None >	/ < None >	/ < None >	

6.4.11 Subscribed Services

The following table lists the subscribed IP services and parameters for each phone:

< No records found >

6.4.12 Speed Dials

The following Speed Dials are configured per phone:

Speed Dials					
Device Name	**Button Number**	**Index**	**Number**	**Label**	**ASCII Label**
SEP00070E16C0C7		1	12540	Magda	
SEP00070E16C0C7		2	12542	John	
SEP00070E16C0C7		3	12543	Bruce	
SEP002F5C615751	5	1	69080	Sales	
SEP002F5C615751	6	2	69081	Returns	
SEP002F5C615751	7	3	69082	Disposal	
SEP002F5C615751	8	4	69083	Recycling	
SEP002F5C615751	9	5	69084	Resources	
SEP00727849DA40		1	62092	Security	
SEP3C5EC30DCC2D	5	1	595901	Paul	
SEP3C5EC30DCC2D	6	2	595902	Ana	
SEP3C5EC30DCC2D	7	3	595903	Emma	
SEP3C5EC30DCC2D	8	4	595904	Adam	
SEP3C5EC30DCC2D	9	5	595905	Mafalda	
SEP503DE57D6060	5	1	595901	SD1	
SEP503DE57D6060	6	2	595902	SD2	
SEP6CFA8902CFE1	3	1	797500	The 7975	
SEPD824BDBBEC46	3	1	794101		
SEPD824BDBBEC46	5	2	786101		

6.4.13 Busy Lamp Field Speed Dials

The following Busy Lamp Field Speed Dials are configured per phone:

< No records found >

6.4.14 Busy Lamp Field Directed Call Parks

The following Busy Lamp Field Directed Call Parks are configured per phone:

BLF Directed Call Parks					
Device Name	**Button Number**	**Index**	**Directory Number**	**Label**	**ASCII Label**
SEP00070E16C0C7		1	6905 in P_1	The 6905	
SEP002F5C615751		1	6905 in P_1	The BLF call park	
SEP503DE57D6060		1	6905 in P_1		

6.5 Trunk

A trunk device configures a logical route to a gatekeeper, being the wholesale network or an intercluster trunk with gatekeeper control, to an intercluster trunk without a gatekeeper, or to a SIP network. The following tables available:

- Overview
- Detailed trunk information

6.5.1 Trunk - Overview

The following is an overview of the configured trunks on this system.

Click on the name (leftmost column in the overview) for detailed information.

Trunk					
Name	**Description**	**Trunk Type**	**CSS**	**Device Pool**	**SIP Trunk Security Profile**
CallCntrolDiscSIP01	Just for call control discovery purposes	SIP Trunk	< None >	DP_1	Non Secure SIP Trunk Profile
INFORMACAST_SIP_TRUNK	INFORMACAST_SIP_TRUNK	SIP Trunk	< None >	INFORMACAST_DP	Non Secure SIP Trunk Profile
InterclusterTestTrunk	a test	Inter-Cluster Trunk (Non-Gatekeeper Controlled)	< None >	DP_1	
SIP-CCD	SIP-CCD Call Control Discovery	SIP Trunk	< None >	DP_1	Non Secure SIP Trunk Profile
SIPTrunkCIME	Intercompany media server trunk test	SIP Trunk	< None >	DP_3	Non Secure SIP Trunk Profile
TrunkTest_H.225		H.225 Trunk (Gatekeeper Controlled)	< None >	DP_3	
VOHServer01-SIPTrunk	VOHServer01-SIPTrunk	SIP Trunk	< None >	DP_3	Non Secure SIP Trunk Profile

6.5.2 Trunk - Detailed

A trunk device configures a logical route to a gatekeeper (that is, the wholesale network or an intercluster trunk with gatekeeper control), to an intercluster trunk without a gatekeeper, or to a SIP network. The following trunk types are available:

- H.225 trunk (gatekeeper controlled)
- Inter-Cluster trunk (gatekeeper controlled)
- Inter-Cluster trunk (non-gatekeeper controlled)
- SIP trunk

Trunk (Detailed)

Name	Trunk Info	
CallCntrolDiscSIP01	**Device Information**	
	Product	SIP Trunk
	Device Protocol	SIP
	Description	Just for call control discovery purposes
	Device Pool	DP_1
	Common Device Configuration	< None >
	Call Classification	Use System Default
	Media Resource Group List	< None >
	Location	Hub_None
	AAR Group	< None >
	Trunk Service Type	Call Control Discovery
	Tunneled Protocol	None
	QSIG Variant	No Changes
	ASN.1 ROSE OID Encoding	No Changes
	Packet Capture Mode	None
	Packet Capture Duration	0
	Media Termination Point Required	N
	Retry Video Call as Audio	Y
	Path Replacement Support	N
	Transmit UTF-8 for Calling Party Name	N
	Transmit UTF-8 Names in QSIG APDU	N
	Unattended Port	N
	SRTP Allowed	N
	Consider Traffic on This Trunk Secure	When using both sRTP and TLS
	Route Class Signaling Enabled	Default
	Use Trusted Relay Point	Default
	PSTN Access	N
	Intercompany Media Engine	
	E.164 Transformation Profile	< None >
	MLPP and Confidential Access Level Information	
	MLPP Domain	< None >
	Confidential Access Mode	< None >
	Confidential Access Level	< None >
	Call Routing Information	
	Remote-Party-Id	Y
	Asserted-Identity	Y
	Asserted-Type	Default
	SIP Privacy	Default
	Call Routing Information - Inbound Calls	
	Significant Digits	All
	Connected Line ID Presentation	Default
	Connected Name Presentation	Default
	Calling Search Space	< None >
	AAR Calling Search Space	< None >
	Prefix DN	
	Redirecting Diversion Header Delivery - Inbound	N
	Incoming Calling Party Settings	

Trunk (Detailed)	
Name	**Trunk Info**

Incoming Number	Default / / < None > / Y
Incoming Called Party Settings	
Incoming Number	Default / / < None > / Y
Connected Party Settings	
Connected Party Transformation CSS	< None >
Use Device Pool Connected Party Transformation CSS	Y
Call Routing Information - Outbound Calls	
Called Party Transformation CSS	< None >
Use Device Pool Called Party Transformation CSS	Y
Calling Party Transformation CSS	< None >
Use Device Pool Calling Party Transformation CSS	Y
Calling Party Selection	Originator
Calling Line ID Presentation	Default
Calling Name Presentation	Default
Calling and Connected Party Info Format	Deliver DN only in connected party
Redirecting Diversion Header Delivery - Outbound	N
Redirecting Party Transformation CSS	< None >
Use Device Pool Redirecting Party Transformation CSS	Y
Call Routing Information - Outbound Calls - Caller Information	
Caller ID DN	
Caller Name	
Maintain Original Caller ID DN and Caller Name in Identity Headers	N
SIP Information	
Destination	< No records found >
MTP Preferred Originating Codec	711ulaw
BLF Presence Group	Standard Presence group
SIP Trunk Security Profile	Non Secure SIP Trunk Profile
Rerouting Calling Search Space	< None >
Out-Of-Dialog Refer Calling Search Space	< None >
SUBSCRIBE Calling Search Space	< None >
SIP Profile	Standard SIP Profile
DTMF Signaling Method	No Preference
Normalization Script Info	
Script	< None >
Enable Trace	N
Parameters	< No records found >
Recording Information	
Recording Information	< None >
Geolocation Configuration	

Trunk (Detailed)	
Name	**Trunk Info**
	Geolocation: < None >
	Geolocation Filter: < None >
	Send Geolocation Information: N
INFORMACAST_SIP_TRUNK	**Device Information**
	Product: SIP Trunk
	Device Protocol: SIP
	Description: INFORMACAST_SIP_TRUNK
	Device Pool: INFORMACAST_DP
	Common Device Configuration: < None >
	Call Classification: Use System Default
	Media Resource Group List: < None >
	Location: Hub_None
	AAR Group: < None >
	Trunk Service Type: None(Default)
	Tunneled Protocol: None
	QSIG Variant: No Changes
	ASN.1 ROSE OID Encoding: No Changes
	Packet Capture Mode: None
	Packet Capture Duration: 0
	Media Termination Point Required: N
	Retry Video Call as Audio: Y
	Path Replacement Support: N
	Transmit UTF-8 for Calling Party Name: N
	Transmit UTF-8 Names in QSIG APDU: N
	Unattended Port: N
	SRTP Allowed: N
	Consider Traffic on This Trunk Secure: When using both sRTP and TLS
	Route Class Signaling Enabled: Default
	Use Trusted Relay Point: Default
	PSTN Access: N
	Run On All Active Unified CM Nodes: Y
	Intercompany Media Engine
	E.164 Transformation Profile: < None >
	MLPP and Confidential Access Level Information
	MLPP Domain: < None >
	Confidential Access Mode: < None >
	Confidential Access Level: < None >
	Call Routing Information

Trunk (Detailed)	
Name	**Trunk Info**

Remote-Party-Id	Y
Asserted-Identity	Y
Asserted-Type	Default
SIP Privacy	Default
Call Routing Information - Inbound Calls	
Significant Digits	All
Connected Line ID Presentation	Default
Connected Name Presentation	Default
Calling Search Space	< None >
AAR Calling Search Space	< None >
Prefix DN	
Redirecting Diversion Header Delivery - Inbound	N
Incoming Calling Party Settings	
Incoming Number	Default / / < None > / Y
Incoming Called Party Settings	
Incoming Number	Default / / < None > / Y
Connected Party Settings	
Connected Party Transformation CSS	< None >
Use Device Pool Connected Party Transformation CSS	Y
Call Routing Information - Outbound Calls	
Called Party Transformation CSS	< None >
Use Device Pool Called Party Transformation CSS	Y
Calling Party Transformation CSS	< None >
Use Device Pool Calling Party Transformation CSS	Y
Calling Party Selection	Originator
Calling Line ID Presentation	Default
Calling Name Presentation	Default
Calling and Connected Party Info Format	Deliver DN only in connected party
Redirecting Diversion Header Delivery - Outbound	N
Redirecting Party Transformation CSS	< None >
Use Device Pool Redirecting Party Transformation CSS	Y
Call Routing Information - Outbound Calls - Caller Information	
Caller ID DN	
Caller Name	

Trunk (Detailed)

Name	Trunk Info

Maintain Original Caller ID DN and Caller Name in Identity Headers	N
SIP Information	
Destination Address is an SRV	N
Destination	**Destination**

Address	Address IPv6	Port
10.5.1.157		5060

MTP Preferred Originating Codec	711ulaw
BLF Presence Group	Standard Presence group
SIP Trunk Security Profile	Non Secure SIP Trunk Profile
Rerouting Calling Search Space	< None >
Out-Of-Dialog Refer Calling Search Space	< None >
SUBSCRIBE Calling Search Space	< None >
SIP Profile	Standard SIP Profile
DTMF Signaling Method	No Preference
Normalization Script Info	
Script	< None >
Enable Trace	N
Parameters	< No records found >
Recording Information	
Recording Information	< None >
Geolocation Configuration	
Geolocation	< None >
Geolocation Filter	< None >
Send Geolocation Information	N

InterclusterTestTrunk

Device Information	
Product	Inter-Cluster Trunk (Non-Gatekeeper Controlled)
Device Protocol	Inter-Cluster Trunk
Description	a test
Device Pool	DP_1
Common Device Configuration	< None >
Call Classification	Use System Default
Media Resource Group List	MRGL1
Location	Hub_None
AAR Group	< None >
Tunneled Protocol	None
QSIG Variant	No Changes
ASN.1 ROSE OID Encoding	No Changes
Packet Capture Mode	None
Packet Capture Duration	0
Media Termination Point Required	N

Trunk (Detailed)	
Name	**Trunk Info**

Retry Video Call as Audio	Y
Path Replacement Support	N
Transmit UTF-8 for Calling Party Name	N
Unattended Port	N
SRTP Allowed	N
H.235 Pass Through Allowed	N
Enable SAF	N
Use Trusted Relay Point	Default
PSTN Access	N
Run On All Active Unified CM Nodes	N
Intercompany Media Engine	
E.164 Transformation Profile	< None >
Incoming Calling Party Settings	
National Number (Prefix/Strip Digits/CSS/Use Device Pool CSS)	Default / 0 / < None > / Y
International Number (Prefix/Strip Digits/CSS/Use Device Pool CSS)	Default / 0 / < None > / Y
Unknown Number (Prefix/Strip Digits/CSS/Use Device Pool CSS)	Default / 0 / < None > / Y
Subscriber Number (Prefix/Strip Digits/CSS/Use Device Pool CSS)	Default / 0 / < None > / Y
Incoming Called Party Settings	
National Number (Prefix/Strip Digits/CSS/Use Device Pool CSS)	Default / 0 / < None > / Y
International Number (Prefix/Strip Digits/CSS/Use Device Pool CSS)	Default / 0 / < None > / Y
Unknown Number (Prefix/Strip Digits/CSS/Use Device Pool CSS)	Default / 0 / < None > / Y
Subscriber Number (Prefix/Strip Digits/CSS/Use Device Pool CSS)	Default / 0 / < None > / Y
MLPP and Confidential Access Level Information	
MLPP Domain	< None >
MLPP Indication	Default
Confidential Access Mode	< None >
Confidential Access Level	< None >
Call Routing Information - Inbound Calls	
Significant Digits	All
Calling Search Space	< None >
AAR Calling Search Space	< None >
Prefix DN	
Redirecting Number IE Delivery - Inbound	Y
Enable Inbound FastStart	N
Connected Party Settings	
Connected Party Transformation CSS	< None >

Trunk (Detailed)

Name	Trunk Info	
	Use Device Pool Connected Party Transformation CS	Y
	Call Routing Information - Outbound Calls	
	Called Party Transformation CSS	< None >
	Use Device Pool Called Party Transformation CSS	Y
	Calling Party Transformation CSS	< None >
	Use Device Pool Calling Party Transformation CSS	Y
	Calling Party Selection	Originator
	Calling Line ID Presentation	Default
	Called Party IE Number Type Unknown	Cisco CallManager
	Calling Party IE Number Type Unknown	Cisco CallManager
	Called Numbering Plan	Cisco CallManager
	Calling Numbering Plan	Cisco CallManager
	Caller ID DN	
	Display IE Delivery	Y
	Redirecting Number IE Delivery - Outbound	Y
	Redirecting Party Transformation CSS	< None >
	Use Device Pool Redirecting Party Transformation CSS	Y
	Enable Outbound FastStart	N
	Codec For Outbound FastStart	G711 u-law 64K
	Remote Cisco Unified Communications Manager Information	
	Server 1 IP Address/Host Name	10.5.1.120
	UUIE Configuration	
	Passing Precedence Level Through UUIE	N
	Security Access Level	2
	Geolocation Configuration	
	Geolocation	< None >
	Geolocation Filter	< None >
	Send Geolocation Information	N
SIP-CCD	**Device Information**	
	Product	SIP Trunk
	Device Protocol	SIP
	Description	SIP-CCD Call Control Discovery
	Device Pool	DP_1
	Common Device Configuration	< None >
	Call Classification	Use System Default
	Media Resource Group List	MRGL1
	Location	Hub_None
	AAR Group	AARGroupTest
	Trunk Service Type	Call Control Discovery
	Tunneled Protocol	None
	QSIG Variant	No Changes
	ASN.1 ROSE OID Encoding	No Changes

Trunk (Detailed)	
Name	**Trunk Info**

Packet Capture Mode	None
Packet Capture Duration	0
Media Termination Point Required	N
Retry Video Call as Audio	Y
Path Replacement Support	N
Transmit UTF-8 for Calling Party Name	N
Transmit UTF-8 Names in QSIG APDU	N
Unattended Port	N
SRTP Allowed	N
Consider Traffic on This Trunk Secure	When using both sRTP and TLS
Route Class Signaling Enabled	Default
Use Trusted Relay Point	Default
PSTN Access	N
Intercompany Media Engine	
E.164 Transformation Profile	< None >
MLPP and Confidential Access Level Information	
MLPP Domain	< None >
Confidential Access Mode	< None >
Confidential Access Level	< None >
Call Routing Information	
Remote-Party-Id	Y
Asserted-Identity	Y
Asserted-Type	Default
SIP Privacy	Default
Call Routing Information - Inbound Calls	
Significant Digits	All
Connected Line ID Presentation	Default
Connected Name Presentation	Default
Calling Search Space	< None >
AAR Calling Search Space	< None >
Prefix DN	
Redirecting Diversion Header Delivery - Inbound	N
Incoming Calling Party Settings	
Incoming Number	Default / / < None > / Y
Incoming Called Party Settings	
Incoming Number	Default / / < None > / Y
Connected Party Settings	
Connected Party Transformation CSS	< None >
Use Device Pool Connected Party Transformation CSS	Y
Call Routing Information - Outbound Calls	
Called Party Transformation CSS	< None >
Use Device Pool Called Party Transformation CSS	Y
Calling Party Transformation CSS	< None >

Trunk (Detailed)

Name	Trunk Info	
	Use Device Pool Calling Party Transformation CSS	Y
	Calling Party Selection	Originator
	Calling Line ID Presentation	Default
	Calling Name Presentation	Default
	Calling and Connected Party Info Format	Deliver DN only in connected party
	Redirecting Diversion Header Delivery - Outbound	N
	Redirecting Party Transformation CSS	< None >
	Use Device Pool Redirecting Party Transformation CSS	Y
	Call Routing Information - Outbound Calls - Caller Information	
	Caller ID DN	
	Caller Name	
	Maintain Original Caller ID DN and Caller Name in Identity Headers	N
	SIP Information	
	Destination	< No records found >
	MTP Preferred Originating Codec	711ulaw
	BLF Presence Group	Standard Presence group
	SIP Trunk Security Profile	Non Secure SIP Trunk Profile
	Rerouting Calling Search Space	< None >
	Out-Of-Dialog Refer Calling Search Space	< None >
	SUBSCRIBE Calling Search Space	< None >
	SIP Profile	Standard SIP Profile For TelePresence Conferencing
	DTMF Signaling Method	No Preference
	Normalization Script Info	
	Script	< None >
	Enable Trace	N
	Parameters	< No records found >
	Recording Information	
	Recording Information	< None >
	Geolocation Configuration	
	Geolocation	< None >
	Geolocation Filter	< None >
	Send Geolocation Information	N
SIPTrunkCIME	**Device Information**	
	Product	SIP Trunk
	Device Protocol	SIP
	Description	Intercompany media server trunk test
	Device Pool	DP_3
	Common Device Configuration	< None >
	Call Classification	Use System Default
	Media Resource Group List	< None >
	Location	Hub_None
	AAR Group	< None >

Trunk (Detailed)	
Name	**Trunk Info**

Trunk Service Type	Cisco Intercompany Media Engine
Tunneled Protocol	QSIG
QSIG Variant	No Changes
ASN.1 ROSE OID Encoding	No Changes
Packet Capture Mode	None
Packet Capture Duration	0
Media Termination Point Required	N
Retry Video Call as Audio	Y
Path Replacement Support	Y
Transmit UTF-8 for Calling Party Name	N
Transmit UTF-8 Names in QSIG APDU	N
Unattended Port	N
SRTP Allowed	N
Consider Traffic on This Trunk Secure	When using both sRTP and TLS
Route Class Signaling Enabled	Default
Use Trusted Relay Point	Default
MLPP and Confidential Access Level Information	
MLPP Domain	< None >
Confidential Access Mode	< None >
Confidential Access Level	< None >
Call Routing Information	
Remote-Party-Id	Y
Asserted-Identity	Y
Asserted-Type	Default
SIP Privacy	Default
Call Routing Information - Inbound Calls	
Significant Digits	All
Connected Line ID Presentation	Default
Connected Name Presentation	Default
Calling Search Space	< None >
AAR Calling Search Space	< None >
Prefix DN	
Redirecting Diversion Header Delivery - Inbound	N
Incoming Calling Party Settings	
Incoming Number	Default / / < None > / Y
Incoming Called Party Settings	
Incoming Number	Default / / < None > / Y
Connected Party Settings	
Connected Party Transformation CSS	< None >
Use Device Pool Connected Party Transformation CSS	Y
Call Routing Information - Outbound Calls	
Called Party Transformation CSS	< None >
Use Device Pool Called Party Transformation CSS	Y
Calling Party Transformation	< None >

Trunk (Detailed)

Name	Trunk Info	
	CSS	
	Use Device Pool Calling Party Transformation CSS	Y
	Calling Party Selection	Originator
	Calling Line ID Presentation	Default
	Calling Name Presentation	Default
	Calling and Connected Party Info Format	Deliver DN only in connected party
	Redirecting Diversion Header Delivery - Outbound	N
	Redirecting Party Transformation CSS	< None >
	Use Device Pool Redirecting Party Transformation CSS	Y
	Call Routing Information - Outbound Calls - Caller Information	
	Caller ID DN	
	Caller Name	
	Maintain Original Caller ID DN and Caller Name in Identity Headers	N
	SIP Information	
	Destination	< No records found >
	MTP Preferred Originating Codec	711ulaw
	BLF Presence Group	Standard Presence group
	SIP Trunk Security Profile	Non Secure SIP Trunk Profile
	Rerouting Calling Search Space	< None >
	Out-Of-Dialog Refer Calling Search Space	< None >
	SUBSCRIBE Calling Search Space	< None >
	SIP Profile	Standard SIP Profile
	DTMF Signaling Method	No Preference
	Normalization Script Info	
	Script	< None >
	Enable Trace	N
	Parameters	< No records found >
	Recording Information	
	Recording Information	< None >
	Geolocation Configuration	
	Geolocation	< None >
	Geolocation Filter	< None >
	Send Geolocation Information	N
TrunkTest_H.225	**Device Information**	
	Product	H.225 Trunk (Gatekeeper Controlled)
	Device Protocol	H.225
	Description	
	Device Pool	DP_3
	Common Device Configuration	< None >
	Call Classification	Use System Default
	Media Resource Group List	< None >
	Location	Hub_None
	AAR Group	< None >

Trunk (Detailed)	
Name	**Trunk Info**

Tunneled Protocol	None
QSIG Variant	No Changes
ASN.1 ROSE OID Encoding	No Changes
Packet Capture Mode	None
Packet Capture Duration	0
Media Termination Point Required	N
Retry Video Call as Audio	Y
Wait for Far End H.245 Terminal Capability Set	Y
Path Replacement Support	N
Transmit UTF-8 for Calling Party Name	N
Unattended Port	N
SRTP Allowed	N
H.235 Pass Through Allowed	N
Use Trusted Relay Point	Default
PSTN Access	N
Intercompany Media Engine	
E.164 Transformation Profile	< None >
Incoming Calling Party Settings	
National Number (Prefix/Strip Digits/CSS/Use Device Pool CSS)	Default / 0 / < None > / Y
International Number (Prefix/Strip Digits/CSS/Use Device Pool CSS)	Default / 0 / < None > / Y
Unknown Number (Prefix/Strip Digits/CSS/Use Device Pool CSS)	Default / 0 / < None > / Y
Subscriber Number (Prefix/Strip Digits/CSS/Use Device Pool CSS)	Default / 0 / < None > / Y
Incoming Called Party Settings	
National Number (Prefix/Strip Digits/CSS/Use Device Pool CSS)	Default / 0 / < None > / Y
International Number (Prefix/Strip Digits/CSS/Use Device Pool CSS)	Default / 0 / < None > / Y
Unknown Number (Prefix/Strip Digits/CSS/Use Device Pool CSS)	Default / 0 / < None > / Y
Subscriber Number (Prefix/Strip Digits/CSS/Use Device Pool CSS)	Default / 0 / < None > / Y
MLPP and Confidential Access Level Information	
MLPP Domain	< None >
Confidential Access Mode	< None >
Confidential Access Level	< None >
Call Routing Information - Inbound Calls	
Significant Digits	All
Calling Search Space	< None >
AAR Calling Search Space	< None >
Prefix DN	
Redirecting Number IE Delivery	Y

Trunk (Detailed)

Name	Trunk Info	
	- Inbound	
	Enable Inbound FastStart	N
	Connected Party Settings	
	Connected Party Transformation CSS	< None >
	Use Device Pool Connected Party Transformation CS	Y
	Call Routing Information - Outbound Calls	
	Called Party Transformation CSS	< None >
	Use Device Pool Called Party Transformation CSS	Y
	Calling Party Transformation CSS	< None >
	Use Device Pool Calling Party Transformation CSS	Y
	Calling Party Selection	Originator
	Calling Line ID Presentation	Default
	Called Party IE Number Type Unknown	Cisco CallManager
	Calling Party IE Number Type Unknown	Cisco CallManager
	Called Numbering Plan	Cisco CallManager
	Calling Numbering Plan	Cisco CallManager
	Caller ID DN	
	Display IE Delivery	Y
	Redirecting Number IE Delivery - Outbound	Y
	Redirecting Party Transformation CSS	< None >
	Use Device Pool Redirecting Party Transformation CSS	Y
	Enable Outbound FastStart	N
	Codec For Outbound FastStart	G711 u-law 64K
	Gatekeeper Information	
	Gatekeeper Name	10.5.1.120
	Terminal Type	Gateway
	Technology Prefix	
	Zone	
	Geolocation Configuration	
	Geolocation	< None >
	Geolocation Filter	< None >
VOHServer01-SIPTrunk	**Device Information**	
	Product	SIP Trunk
	Device Protocol	SIP
	Description	VOHServer01-SIPTrunk
	Device Pool	DP_3
	Common Device Configuration	< None >
	Call Classification	Use System Default
	Media Resource Group List	< None >
	Location	Hub_None

Trunk (Detailed)		
Name	**Trunk Info**	
	AAR Group	< None >
	Trunk Service Type	None(Default)
	Tunneled Protocol	None
	QSIG Variant	No Changes
	ASN.1 ROSE OID Encoding	No Changes
	Packet Capture Mode	None
	Packet Capture Duration	0
	Media Termination Point Required	N
	Retry Video Call as Audio	Y
	Path Replacement Support	N
	Transmit UTF-8 for Calling Party Name	N
	Transmit UTF-8 Names in QSIG APDU	N
	Unattended Port	N
	SRTP Allowed	N
	Consider Traffic on This Trunk Secure	When using both sRTP and TLS
	Route Class Signaling Enabled	Default
	Use Trusted Relay Point	Default
	PSTN Access	N
	Run On All Active Unified CM Nodes	N
	Intercompany Media Engine	
	E.164 Transformation Profile	< None >
	MLPP and Confidential Access Level Information	
	MLPP Domain	< None >
	Confidential Access Mode	< None >
	Confidential Access Level	< None >
	Call Routing Information	
	Remote-Party-Id	Y
	Asserted-Identity	Y
	Asserted-Type	Default
	SIP Privacy	Default
	Call Routing Information - Inbound Calls	
	Significant Digits	All
	Connected Line ID Presentation	Default
	Connected Name Presentation	Default
	Calling Search Space	< None >
	AAR Calling Search Space	< None >
	Prefix DN	
	Redirecting Diversion	N

Trunk (Detailed)

Name	Trunk Info	
	Header Delivery - Inbound	
	Incoming Calling Party Settings	
	Incoming Number	Default / / < None > / Y
	Incoming Called Party Settings	
	Incoming Number	Default / / < None > / Y
	Connected Party Settings	
	Connected Party Transformation CSS	< None >
	Use Device Pool Connected Party Transformation CSS	Y
	Call Routing Information - Outbound Calls	
	Called Party Transformation CSS	< None >
	Use Device Pool Called Party Transformation CSS	Y
	Calling Party Transformation CSS	< None >
	Use Device Pool Calling Party Transformation CSS	Y
	Calling Party Selection	Originator
	Calling Line ID Presentation	Default
	Calling Name Presentation	Default
	Calling and Connected Party Info Format	Deliver DN only in connected party
	Redirecting Diversion Header Delivery - Outbound	N
	Redirecting Party Transformation CSS	< None >
	Use Device Pool Redirecting Party Transformation CSS	Y
	Call Routing Information - Outbound Calls - Caller Information	
	Caller ID DN	
	Caller Name	
	Maintain Original Caller ID DN and Caller Name in Identity Headers	N
	SIP Information	
	Destination Address is an SRV	N
	Destination	**Destination** **Address** / **Address IPv6** / **Port** 10.1.5.120 / / 34567
	MTP Preferred Originating Codec	711ulaw
	BLF Presence Group	Standard Presence group
	SIP Trunk Security Profile	Non Secure SIP Trunk Profile

Trunk (Detailed)	
Name	**Trunk Info**
	Rerouting Calling Search Space: < None >
	Out-Of-Dialog Refer Calling Search Space: < None >
	SUBSCRIBE Calling Search Space: < None >
	SIP Profile: Standard SIP Profile For TelePresence Conferencing
	DTMF Signaling Method: No Preference
	Normalization Script Info
	Script: cisco-meeting-server-interop
	Enable Trace: N
	Parameters:

Parameters		
Order	Parameter Name	Parameter Value
1	MyParameter	1

Recording Information	
Recording Information	< None >
Geolocation Configuration	
Geolocation	< None >
Geolocation Filter	< None >
Send Geolocation Information	N

6.6 Remote Destination

Remote destinations represent the cellular (or other phones) that are able to accept transfers from the user's desktop phone and can be used to initiate calls using Mobile Voice Access.

< No records found >

6.7 Device Settings

Cisco Unified Communications Manager (CUCM) allows you to configure the following device settings in your telephony system:

- Device Defaults
- Firware Load Information
- Default Device Profile
- Device Profile and subsequent settings
- Common Profile
- Phone Button Template
- Softkey Template
- Phone Services
- SIP Profile
- Common Device Configuration
- Common Phone Profile
- Remote Destinatin Profile
- Feature Control Policy
- Recording Profile
- SIP Normalization Script
- SDP Transparency
- Network Access Profile
- Wireless LAN Profile
- Wireless LAN PRofile Group
- Wi-Fi Hotspot Profile

6.7.1 Device Defaults

Device defaults set the default characteristics of each type of device that registers with a Cisco Unified Communications Manager (CUCM). The device defaults for a device type apply to all auto-registered devices of that type within a CUCM cluster.

When a device auto-registers with a Cisco Unified Communications Manager, it acquires the device default settings for its device type. After a device registers, you can update its configuration individually to change the device settings.

Device Defaults				
Device Type	**Protocol**	**Load**	**Device Pool**	**Phone Template**
7914 14-Button Line Expansion Module	SCCP	S00105000400	Default	
7915 12-Button Line Expansion Module	Protocol Not Specified	B015-1-0-4-2	Default	
7915 24-Button Line Expansion Module	Protocol Not Specified	B015-1-0-4-2	Default	
7916 12-Button Line Expansion Module	Protocol Not Specified	B016-1-0-4-2	Default	
7916 24-Button Line Expansion Module	Protocol Not Specified	B016-1-0-4-2	Default	
Analog Access	Protocol Not Specified	A001C030	Default	
Analog Access WS-X6624	Protocol Not Specified	A00204000013	Default	
Analog Phone	SCCP		Default	Standard Analog
CKEM 36-Button Line Expansion Module	Protocol Not Specified		Default	
CTI Remote Device	CTI Remote Device		Default	
Carrier-integrated Mobile	SIP		Default	Standard Carrier-integrated Mobile
Cisco 12 S	SCCP		Default	Standard 12 S
Cisco 12 SP	SCCP		Default	Standard 12 SP
Cisco 12 SP+	SCCP		Default	Standard 12 SP+
Cisco 30 SP+	SCCP		Default	Standard 30 SP+
Cisco 30 VIP	SCCP		Default	Standard 30 VIP
Cisco 3905	SIP	CP3905.9-4-1SR2-2	Default	Standard 3905 SIP
Cisco 3911	SIP	SIP3951.8-1-4a	Default	Standard 3911 SIP
Cisco 3951	SIP	SIP3951.8-1-4a	Default	Standard 3951 SIP
Cisco 6901	SIP	SIP6901.9-3-1-SR2-3	Default	Standard 6901 SIP
Cisco 6901	SCCP	SCCP6901.9-3-1-SR2-2	Default	Standard 6901 SCCP
Cisco 6911	SCCP	SCCP6911.9-3-1-SR2-3	Default	Standard 6911 SCCP
Cisco 6911	SIP	SIP6911.9-3-1-SR2-4	Default	Standard 6911 SIP
Cisco 6921	SIP	SIP69xx.9-4-1-3SR3	Default	Standard 6921 SIP
Cisco 6921	SCCP	SCCP69xx.9-4-1-3SR3	Default	Standard 6921 SCCP
Cisco 6941	SCCP	SCCP69xx.9-4-1-3SR3	Default	Standard 6941 SCCP
Cisco 6941	SIP	SIP69xx.9-4-1-3SR3	Default	Standard 6941 SIP
Cisco 6945	SIP	SIP6945.9-4-1-3SR3	Default	Standard 6945 SIP
Cisco 6945	SCCP	SCCP6945.9-4-1-3SR3	Default	Standard 6945 SCCP
Cisco 6961	SCCP	SCCP69xx.9-4-1-3SR3	Default	Standard 6961 SCCP
Cisco 6961	SIP	SIP69xx.9-4-1-3SR3	Default	Standard 6961 SIP
Cisco 7811	SIP	sip78xx.12-1-1SR1-4	Default	Standard 7811 SIP
Cisco 7821	SIP	sip78xx.12-1-1SR1-4	Default	Standard 7821 SIP

Device Defaults				
Device Type	**Protocol**	**Load**	**Device Pool**	**Phone Template**
Cisco 7832	SIP	sip7832.12-1-1-12	Default	Standard 7832 SIP
Cisco 7841	SIP	sip78xx.12-1-1SR1-4	Default	Standard 7841 SIP
Cisco 7861	SIP	sip78xx.12-1-1SR1-4	Default	Standard 7861 SIP
Cisco 7902	SCCP		Default	Standard 7902
Cisco 7905	SCCP		Default	Standard 7905 SCCP
Cisco 7905	SIP		Default	Standard 7905 SIP
Cisco 7906	SIP	SIP11.9-4-2SR3-1S	Default	Standard 7906 SIP
Cisco 7906	SCCP	SCCP11.9-4-2SR3-1S	Default	Standard 7906
Cisco 7910	SCCP		Default	Standard 7910
Cisco 7911	SCCP	SCCP11.9-4-2SR3-1S	Default	Standard 7911
Cisco 7911	SIP	SIP11.9-4-2SR3-1S	Default	Standard 7911 SIP
Cisco 7912	SCCP		Default	Standard 7912 SCCP
Cisco 7912	SIP		Default	Standard 7912 SIP
Cisco 7920	SCCP		Default	Standard 7920
Cisco 7921	SCCP		Default	Standard 7921 SCCP
Cisco 7925	SCCP	CP7925G-1.4.8SR1.5	Default	Standard 7925 SCCP
Cisco 7926	SCCP	CP7926G-1.4.8SR1.5	Default	Standard 7926 SCCP
Cisco 7931	SIP	SIP31.9-4-2SR2-2S	Default	Standard 7931 SIP
Cisco 7931	SCCP	SCCP31.9-4-2SR2-2S	Default	Standard 7931 SCCP
Cisco 7935	SCCP		Default	Standard 7935
Cisco 7936	SCCP	cmterm_7936.3-3-21-0	Default	Standard 7936
Cisco 7937	SCCP	apps37sccp.1-4-5-7	Default	Standard 7937
Cisco 7940	SIP	P0S3-8-12-00	Default	Standard 7940 SIP
Cisco 7940	SCCP	P0030801SR02	Default	Standard 7940 SCCP
Cisco 7941	SCCP	SCCP41.9-4-2SR3-1S	Default	Standard 7941 SCCP
Cisco 7941	SIP	SIP41.9-4-2SR3-1S	Default	Standard 7941 SIP
Cisco 7941G-GE	SCCP	SCCP41.9-4-2SR3-1S	Default	Standard 7941G-GE SCCP
Cisco 7941G-GE	SIP	SIP41.9-4-2SR3-1S	Default	Standard 7941G-GE SIP
Cisco 7942	SCCP	SCCP42.9-4-2SR3-1S	Default	Standard 7942G SCCP
Cisco 7942	SIP	SIP42.9-4-2SR3-1S	Default	Standard 7942G SIP
Cisco 7945	SCCP	SCCP45.9-4-2SR3-1S	Default	Standard 7945 SCCP
Cisco 7945	SIP	SIP45.9-4-2SR3-1S	Default	Standard 7945 SIP
Cisco 7960	SIP	P0S3-8-12-00	Default	Standard 7960 SIP
Cisco 7960	SCCP	P0030801SR02	Default	Standard 7960 SCCP
Cisco 7961	SIP	SIP41.9-4-2SR3-1S	Default	Standard 7961 SIP
Cisco 7961	SCCP	SCCP41.9-4-2SR3-1S	Default	Standard 7961 SCCP
Cisco 7961G-GE	SIP	SIP41.9-4-2SR3-1S	Default	Standard 7961G-GE SIP
Cisco 7961G-GE	SCCP	SCCP41.9-4-2SR3-1S	Default	Standard 7961G-GE SCCP
Cisco 7962	SIP	SIP42.9-4-2SR3-1S	Default	Standard 7962G SIP
Cisco 7962	SCCP	SCCP42.9-4-2SR3-1S	Default	Standard 7962G SCCP
Cisco 7965	SIP	SIP45.9-4-2SR3-1S	Default	Standard 7965 SIP
Cisco 7965	SCCP	SCCP45.9-4-2SR3-1S	Default	Standard 7965 SCCP
Cisco 7970	SIP		Default	Standard 7970 SIP
Cisco 7970	SCCP		Default	Standard 7970 SCCP
Cisco 7971	SCCP		Default	Standard 7971 SCCP
Cisco 7971	SIP		Default	Standard 7971 SIP
Cisco 7975	SCCP	SCCP75.9-4-2SR3-1S	Default	Standard 7975 SCCP
Cisco 7975	SIP	SIP75.9-4-2SR3-1S	Default	Standard 7975 SIP

Device Defaults				
Device Type	**Protocol**	**Load**	**Device Pool**	**Phone Template**
Cisco 7985	SCCP	cmterm_7985.4-1-7-0	Default	Standard 7985
Cisco 8811	SIP	sip88xx.12-1-1SR1-4	Default	Standard 8811 SIP
Cisco 8821	SIP	sip8821.11-0-4SR2-15	Default	Standard 8821 SIP
Cisco 8831	SIP	sip8831.10-3-1SR4b-1	Default	Standard 8831 SIP
Cisco 8832	SIP	sip8832.12-1-1-23	Default	Standard 8832 SIP
Cisco 8832NR	SIP	sip8832.12-1-1-23	Default	Standard 8832NR SIP
Cisco 8841	SIP	sip88xx.12-1-1SR1-4	Default	Standard 8841 SIP
Cisco 8845	SIP	sip8845_65.12-1-1SR1-4	Default	Standard 8845 SIP
Cisco 8851	SIP	sip88xx.12-1-1SR1-4	Default	Standard 8851 SIP
Cisco 8851NR	SIP	sip88xx.12-1-1SR1-4	Default	Standard 8851NR SIP
Cisco 8861	SIP	sip88xx.12-1-1SR1-4	Default	Standard 8861 SIP
Cisco 8865	SIP	sip8845_65.12-1-1SR1-4	Default	Standard 8865 SIP
Cisco 8865NR	SIP	sip8845_65.12-1-1SR1-4	Default	Standard 8865NR SIP
Cisco 8941	SCCP	SCCP894x.9-4-2SR3-1	Default	Standard 8941 SCCP
Cisco 8941	SIP	SIP894x.9-4-2SR3-1	Default	Standard 8941 SIP
Cisco 8945	SCCP	SCCP894x.9-4-2SR3-1	Default	Standard 8945 SCCP
Cisco 8945	SIP	SIP894x.9-4-2SR3-1	Default	Standard 8945 SIP
Cisco 8961	SIP	sip8961.9-4-2SR4-1	Default	Standard 8961 SIP
Cisco 9951	SIP	sip9951.9-4-2SR4-1	Default	Standard 9951 SIP
Cisco 9971	SIP	sip9971.9-4-2SR4-1	Default	Standard 9971 SIP
Cisco ATA 186	SCCP	ATA030204SCCP090202A	Default	Standard ATA 186
Cisco ATA 187	SIP	ATA187.9-2-3-1	Default	Standard ATA 187 SIP
Cisco ATA 190	SIP	ATA190.1-2-2-003	Default	Standard ATA 190 SIP
Cisco ATA 191	SIP	ATA191.12-0-1-29	Default	Standard ATA 191 SIP
Cisco Cius	SIP		Default	Standard Cius SIP
Cisco Cius SP	SIP		Default	Standard Cius SP SIP
Cisco Collaboration Mobile Convergence	CTI Remote Device		Default	
Cisco DX650	SIP		Default	Cisco DX650 SIP
Cisco DX70	SIP		Default	Cisco DX70 SIP
Cisco DX80	SIP		Default	Cisco DX80 SIP
Cisco Dual Mode for Android	SIP		Default	Standard Dual Mode for Android
Cisco Dual Mode for iPhone	SIP		Default	Standard Dual Mode for iPhone
Cisco E20	SIP		Default	Standard E20
Cisco IP Communicator	SCCP		Default	Standard CIPC SCCP
Cisco IP Communicator	SIP		Default	Standard CIPC SIP
Cisco Jabber for Tablet	SIP		Default	Standard Jabber for Tablet
Cisco Spark Remote Device	CTI Remote Device		Default	
Cisco TelePresence	SIP		Default	Standard_Cisco_TelePresence
Cisco TelePresence 1000	SIP		Default	Standard_Cisco_TelePresence_1000
Cisco TelePresence 1100	SIP		Default	Standard_Cisco_TelePresence_1100
Cisco TelePresence	SIP		Default	Standard_Cisco_TelePresence_1300-

Device Defaults				
Device Type	**Protocol**	**Load**	**Device Pool**	**Phone Template**
1300-47				47
Cisco TelePresence 1300-65	SIP		Default	Standard_Cisco_TelePresence_1300
Cisco TelePresence 200	SIP		Default	Standard_Cisco_TelePresence_200
Cisco TelePresence 3000	SIP		Default	Standard_Cisco_TelePresence_3000
Cisco TelePresence 3200	SIP		Default	Standard_Cisco_TelePresence_3200
Cisco TelePresence 400	SIP		Default	Standard_Cisco_TelePresence_400
Cisco TelePresence 500-32	SIP		Default	Standard_Cisco_TelePresence_500-32
Cisco TelePresence 500-37	SIP		Default	Standard_Cisco_TelePresence_500
Cisco TelePresence Codec C40	SIP		Default	Standard Cisco TelePresence Codec C40
Cisco TelePresence Codec C60	SIP		Default	Standard Cisco TelePresence C60 Codec
Cisco TelePresence Codec C90	SIP		Default	Standard Cisco TelePresence Codec C90
Cisco TelePresence DX70	SIP		Default	Standard Cisco TelePresence DX70
Cisco TelePresence EX60	SIP		Default	Standard Cisco TelePresence EX60
Cisco TelePresence EX90	SIP		Default	Standard Cisco TelePresence EX90
Cisco TelePresence IX5000	SIP		Default	Cisco_TelePresence_IX5000
Cisco TelePresence MX200	SIP		Default	Standard Cisco TelePresence MX200
Cisco TelePresence MX200 G2	SIP		Default	Standard Cisco TelePresence MX200 G2
Cisco TelePresence MX300	SIP		Default	Standard Cisco TelePresence MX300
Cisco TelePresence MX300 G2	SIP		Default	Standard Cisco TelePresence MX300 G2
Cisco TelePresence MX700	SIP		Default	Standard Cisco TelePresence MX700
Cisco TelePresence MX800	SIP		Default	Standard Cisco TelePresence MX800
Cisco TelePresence MX800 Dual	SIP		Default	Standard Cisco TelePresence MX800 Dual
Cisco TelePresence Profile 42 (C20)	SIP		Default	Standard Cisco TelePresence Profile 42 (C20)
Cisco TelePresence Profile 42 (C40)	SIP		Default	Standard Cisco TelePresence Profile 42 (C40)
Cisco TelePresence Profile 42 (C60)	SIP		Default	Standard Cisco TelePresence Profile 42 (C60)
Cisco TelePresence Profile 52 (C40)	SIP		Default	Standard Cisco TelePresence Profile 52 (C40)
Cisco TelePresence Profile 52 (C60)	SIP		Default	Standard Cisco TelePresence Profile 52 (C60)
Cisco TelePresence Profile 52 Dual (C60)	SIP		Default	Standard Cisco TelePresence Profile 52 Dual (C60)

Device Defaults				
Device Type	**Protocol**	**Load**	**Device Pool**	**Phone Template**
Cisco TelePresence Profile 65 (C60)	SIP		Default	Standard Cisco TelePresence Profile 65 (C60)
Cisco TelePresence Profile 65 Dual (C90)	SIP		Default	Standard Cisco TelePresence Profile 65 Dual (C90)
Cisco TelePresence Quick Set C20	SIP		Default	Standard Cisco TelePresence Quick Set C20
Cisco TelePresence SX10	SIP		Default	Standard Cisco TelePresence SX10
Cisco TelePresence SX20	SIP		Default	Standard Cisco TelePresence SX20
Cisco TelePresence SX80	SIP		Default	Standard Cisco TelePresence SX80
Cisco TelePresence TX1310-65	SIP		Default	Standard_Cisco_TelePresence_1310-65
Cisco TelePresence TX9000	SIP		Default	Standard_Cisco_TelePresence_TX9000
Cisco TelePresence TX9200	SIP		Default	Standard_Cisco_TelePresence_TX9200
Cisco Unified Client Services Framework	SIP		Default	Standard Client Services Framework
Cisco Unified Communications for RTX	SIP		Default	Standard Communications for RTX
Cisco Unified Mobile Communicator	Mobile Smart Client		Default	Standard Cisco Unified Mobile Communicator
Cisco Unified Personal Communicator	SIP		Default	Standard Unified Communicator SIP
Cisco VGC Phone	SCCP		Default	Standard VGC Phone
Cisco VGC Virtual Phone	SCCP		Default	Default VGC Virtual Phone Template
Cisco VXC 6215	SIP		Default	Standard Cisco VXC 6215
Cisco Webex DX80	SIP		Default	Standard Cisco Webex DX80
Cisco Webex Room 55	SIP		Default	Standard Cisco Webex Room 55
Cisco Webex Room 55 Dual	SIP		Default	Standard Cisco Webex Room 55 Dual
Cisco Webex Room 70 Dual	SIP		Default	Standard Cisco Webex Room 70 Dual
Cisco Webex Room 70 Dual G2	SIP		Default	Standard Cisco Webex Room 70 Dual G2
Cisco Webex Room 70 Single	SIP		Default	Standard Cisco Webex Room 70 Single
Cisco Webex Room 70 Single G2	SIP		Default	Standard Cisco Webex Room 70 Single G2
Cisco Webex Room Kit	SIP		Default	Standard Cisco Webex Room Kit
Cisco Webex Room Kit Mini	SIP		Default	Standard Webex Room Kit Mini SIP
Cisco Webex Room Kit Plus	SIP		Default	Standard Cisco Webex Room Kit Plus
Cisco Webex Room Kit Pro	SIP		Default	Standard Cisco Webex Room Kit Pro
Conference Bridge	Protocol Not Specified		Default	
Conference Bridge	Protocol Not	C00104000003	Default	

Device Defaults				
Device Type	**Protocol**	**Load**	**Device Pool**	**Phone Template**
WS-X6608	Specified			
Digital Access	Protocol Not Specified	D001M022	Default	
Digital Access WS-X6608	Protocol Not Specified	D00404000032	Default	
Digital Access+	Protocol Not Specified	D00303010033	Default	
Generic Desktop Video Endpoint	SIP		Default	Generic Desktop Video Endpoint
Generic Multiple Screen Room System	SIP		Default	Generic Multiple Screen Room System
Generic Single Screen Room System	SIP		Default	Generic Single Screen Room System
H.323 Phone	SCCP		Default	
IMS-integrated Mobile (Basic)	SIP		Default	Standard IMS-integrated Mobile (Basic)
IP-STE	SCCP		Default	Standard IP-STE
ISDN BRI Phone	SCCP		Default	ISDN BRI Phone
Load Simulator	Protocol Not Specified		Default	
MGCP Station	Protocol Not Specified		Default	
MGCP Trunk	Protocol Not Specified		Default	
Media Termination Point	Protocol Not Specified		Default	
Media Termination Point Hardware	Protocol Not Specified	M00104000006	Default	
Motorola CN622	Static SIP Mobile Subscriber		Default	StandardCN622
Nokia S60	SCCP		Default	Standard Nokia S60 SCCP
SCCP gateway virtual phone	Protocol Not Specified		Default	
Third-party AS-SIP Endpoint	SIP		Default	Third-party AS-SIP Endpoint
Third-party SIP Device (Advanced)	SIP		Default	Third-party SIP Device (Advanced)
Third-party SIP Device (Basic)	SIP		Default	Third-party SIP Device (Basic)
Transnova S3	SIP		Default	Standard S3
Universal Device Template	SIP		Default	Universal Device Template Button Layout
VKEM 36-Button Line Expansion Module	Protocol Not Specified		Default	

6.7.2 Firmware Load Information

The Firmware Load Information in Cisco Unified Communications Manager locates devices that are not using the default firmware load for their device type.

Each device can have an individually assigned firmware load that overrides the default.

Firmware Load Information	
Device Type	**Device Not Using Default Load**

Firmware Load Information	
Device Type	**Device Not Using Default Load**
7914 14-Button Line Expansion Module	< None >
7915 12-Button Line Expansion Module	< None >
7915 24-Button Line Expansion Module	< None >
7916 12-Button Line Expansion Module	< None >
7916 24-Button Line Expansion Module	< None >
Analog Access	< None >
Analog Access WS-X6624	< None >
Analog Phone	< None >
CTI Remote Device	< None >
Carrier-integrated Mobile	< None >
Cisco 12 S	< None >
Cisco 12 SP	< None >
Cisco 12 SP+	< None >
Cisco 30 SP+	< None >
Cisco 30 VIP	< None >
Cisco 3905	< None >
Cisco 3911	< None >
Cisco 3951	< None >
Cisco 6901	< None >
Cisco 6911	< None >
Cisco 6921	< None >
Cisco 6941	< None >
Cisco 6945	< None >
Cisco 6961	< None >
Cisco 7811	< None >
Cisco 7821	< None >
Cisco 7832	< None >
Cisco 7841	< None >
Cisco 7861	< None >
Cisco 7902	< None >
Cisco 7905	< None >
Cisco 7906	< None >
Cisco 7910	< None >
Cisco 7911	< None >
Cisco 7912	< None >
Cisco 7920	< None >
Cisco 7921	< None >
Cisco 7925	< None >
Cisco 7926	< None >
Cisco 7931	< None >
Cisco 7935	< None >
Cisco 7936	< None >
Cisco 7937	< None >
Cisco 7940	< None >
Cisco 7941	< None >
Cisco 7941G-GE	< None >
Cisco 7942	< None >
Cisco 7945	< None >

Firmware Load Information	
Device Type	**Device Not Using Default Load**
Cisco 7960	< None >
Cisco 7961	< None >
Cisco 7961G-GE	< None >
Cisco 7962	< None >
Cisco 7965	< None >
Cisco 7970	< None >
Cisco 7971	< None >
Cisco 7975	< None >
Cisco 7985	< None >
Cisco 8811	< None >
Cisco 8821	< None >
Cisco 8831	< None >
Cisco 8832	< None >
Cisco 8832NR	< None >
Cisco 8841	< None >
Cisco 8845	< None >
Cisco 8851	< None >
Cisco 8851NR	< None >
Cisco 8861	< None >
Cisco 8865	< None >
Cisco 8865NR	< None >
Cisco 8941	< None >
Cisco 8945	< None >
Cisco 8961	< None >
Cisco 9951	< None >
Cisco 9971	< None >
Cisco ATA 186	< None >
Cisco ATA 187	< None >
Cisco ATA 190	< None >
Cisco ATA 191	< None >
Cisco Cius	< None >
Cisco Cius SP	< None >
Cisco Collaboration Mobile Convergence	< None >
Cisco Conference Bridge (WS-SVC-CMM)	< None >
Cisco DX650	< None >
Cisco DX70	< None >
Cisco DX80	< None >
Cisco Dual Mode for Android	< None >
Cisco Dual Mode for iPhone	< None >
Cisco E20	< None >
Cisco IOS Conference Bridge (HDV2)	< None >
Cisco IOS Guaranteed Audio Video Conference Bridge	< None >
Cisco IOS Heterogeneous Video Conference Bridge	< None >
Cisco IOS Homogeneous Video Conference Bridge	< None >
Cisco IOS Media Termination Point (HDV2)	< None >
Cisco IOS Software Media Termination Point (HDV2)	< None >
Cisco IP Communicator	< None >
Cisco Jabber for Tablet	< None >

Firmware Load Information	
Device Type	**Device Not Using Default Load**
Cisco Media Server (WS-SVC-CMM-MS)	< None >
Cisco Media Termination Point (WS-SVC-CMM)	< None >
Cisco Spark Remote Device	< None >
Cisco TelePresence 1000	< None >
Cisco TelePresence 1100	< None >
Cisco TelePresence 1300-47	< None >
Cisco TelePresence 1300-65	< None >
Cisco TelePresence 3000	< None >
Cisco TelePresence 3200	< None >
Cisco TelePresence 500-32	< None >
Cisco TelePresence 500-37	< None >
Cisco TelePresence Codec C40	< None >
Cisco TelePresence Codec C60	< None >
Cisco TelePresence Codec C90	< None >
Cisco TelePresence DX70	< None >
Cisco TelePresence EX60	< None >
Cisco TelePresence EX90	< None >
Cisco TelePresence IX5000	< None >
Cisco TelePresence MX200	< None >
Cisco TelePresence MX200 G2	< None >
Cisco TelePresence MX300	< None >
Cisco TelePresence MX300 G2	< None >
Cisco TelePresence MX700	< None >
Cisco TelePresence MX800	< None >
Cisco TelePresence MX800 Dual	< None >
Cisco TelePresence Profile 42 (C20)	< None >
Cisco TelePresence Profile 42 (C40)	< None >
Cisco TelePresence Profile 42 (C60)	< None >
Cisco TelePresence Profile 52 (C40)	< None >
Cisco TelePresence Profile 52 (C60)	< None >
Cisco TelePresence Profile 52 Dual (C60)	< None >
Cisco TelePresence Profile 65 (C60)	< None >
Cisco TelePresence Profile 65 Dual (C90)	< None >
Cisco TelePresence Quick Set C20	< None >
Cisco TelePresence SX10	< None >
Cisco TelePresence SX20	< None >
Cisco TelePresence SX80	< None >
Cisco TelePresence TX1310-65	< None >
Cisco TelePresence TX9000	< None >
Cisco TelePresence TX9200	< None >
Cisco Unified Client Services Framework	< None >
Cisco Unified Communications for RTX	< None >
Cisco Unified Mobile Communicator	< None >
Cisco Unified Personal Communicator	< None >
Cisco VGC Phone	< None >
Cisco VGC Virtual Phone	< None >
Cisco VXC 6215	< None >
Cisco Video Conference Bridge (IPVC-35xx)	< None >

Firmware Load Information	
Device Type	**Device Not Using Default Load**
Cisco Webex DX80	< None >
Cisco Webex Room 55	< None >
Cisco Webex Room 55 Dual	< None >
Cisco Webex Room 70 Dual	< None >
Cisco Webex Room 70 Dual G2	< None >
Cisco Webex Room 70 Single	< None >
Cisco Webex Room 70 Single G2	< None >
Cisco Webex Room Kit	< None >
Cisco Webex Room Kit Mini	< None >
Cisco Webex Room Kit Plus	< None >
Cisco Webex Room Kit Pro	< None >
Conference Bridge	< None >
Conference Bridge WS-X6608	< None >
Digital Access	< None >
Digital Access WS-X6608	< None >
Generic Desktop Video Endpoint	< None >
Generic Multiple Screen Room System	< None >
Generic Single Screen Room System	< None >
H.323 Phone	< None >
IMS-integrated Mobile (Basic)	< None >
IP-STE	< None >
ISDN BRI Phone	< None >
Load Simulator	< None >
MGCP Station	< None >
MGCP Trunk	< None >
Media Termination Point	< None >
Media Termination Point Hardware	< None >
Motorola CN622	< None >
SCCP gateway virtual phone	< None >
Third-party AS-SIP Endpoint	< None >
Transnova S3	< None >

6.7.3 Default Device Profile

Use the default device profile for whenever a user logs on to a phone model for which no user device profile exists. To create a default device profile for each phone model that supports Cisco Extension Mobility, use the Default Device Profile Configuration window. The maximum number of default device profiles cannot exceed the number of phone models that support Cisco Extension Mobility.

For example, a user logs on to a Cisco Unified IP Phone 7960, for which there is a user device profile. The user device profile for the user gets downloaded to the phone to which the user logged on. Later, the same user logs on to a Cisco Unified IP Phone 7940, for which he does not have a user device profile. In this case, the default device profile for the 7940 gets downloaded to the phone.

A default device profile comprises the set of attributes (services and/or features) that are associated with a particular device. Device profiles include device type, user locale, phone button template, softkey template, multilevel precedence and preemption (MLPP) information, and IP phone services.

Default Device Configuration		
Model	**Protocol**	**Details**

Default Device Configuration

Model	Protocol	Details
Cisco 7821	SIP	

Default Device Profile Information	
Name	Cisco 7821 SIP
Description	The defaults for the 7821
User MOH Audio Source	1-SampleAudioSource
User Locale	English United States
Phone Button Template	Standard 7821 SIP
Softkey Template	Standard User
Privacy	Off
Always Use Prime Line	Default
Always Use Prime Line for Voice Message	Default
Ignore Presentation Indicators	N
Do Not Disturb	N
DND Option	Use Common Phone Profile Setting
DND Incoming Call Alert	< None >
Extension Mobility Cross Cluster CSS	< None >
MLPP and Confidential Access Level Information	
MLPP Domain	< None >
MLPP Indication	Default
MLPP Preemption	Default

Model	Protocol	Details
Cisco 7861	SIP	

Default Device Profile Information	
Name	Cisco 7861 SIP
Description	
User MOH Audio Source	< None >
User Locale	< None >
Phone Button Template	Standard 7861 SIP
Softkey Template	< None >
Privacy	Default
Always Use Prime Line	Default
Always Use Prime Line for Voice Message	Default
Ignore Presentation Indicators	N
Do Not Disturb	N
DND Option	Use Common Phone Profile Setting
DND Incoming Call Alert	< None >
Extension Mobility Cross Cluster CSS	< None >
MLPP and Confidential Access Level Information	
MLPP Domain	< None >
MLPP Indication	Default
MLPP Preemption	Default

Model	Protocol	Details
Cisco 7931	SCCP	

Default Device Profile Information	
Name	Cisco 7931 SCCP
Description	
User MOH Audio Source	< None >
User Locale	< None >
Phone Button Template	Standard 7931 SCCP
Softkey Template	< None >
Privacy	Default
Single Button Barge	Default

Default Device Configuration		
Model	**Protocol**	**Details**
		Join Across Lines: Default Always Use Prime Line: Default Always Use Prime Line for Voice Message: Default Ignore Presentation Indicators: N Do Not Disturb: N DND Option: Use Common Phone Profile Setting DND Incoming Call Alert: < None > Extension Mobility Cross Cluster CSS: < None > **MLPP and Confidential Access Level Information** MLPP Domain: < None > MLPP Indication: Default MLPP Preemption: Default
Cisco 7940	SCCP	**Default Device Profile Information** Name: Cisco 7940 SCCP Description: User MOH Audio Source: < None > User Locale: < None > Phone Button Template: Standard 7940 SCCP Softkey Template: < None > Privacy: Default Join Across Lines: Default Always Use Prime Line: Default Always Use Prime Line for Voice Message: Default Ignore Presentation Indicators: N Do Not Disturb: N DND Option: Ringer Off DND Incoming Call Alert: < None > Extension Mobility Cross Cluster CSS: < None > **MLPP and Confidential Access Level Information** MLPP Domain: < None > MLPP Indication: Default MLPP Preemption: Default
Cisco 7942	SCCP	**Default Device Profile Information** Name: Cisco 7942 SCCP Description: User MOH Audio Source: < None > User Locale: < None > Phone Button Template: Standard 7942G SCCP Softkey Template: Cisco Manager with Feature Hardkeys Privacy: Default Single Button Barge: Default Join Across Lines: Default Always Use Prime Line: Default Always Use Prime Line for Voice Message: Default Ignore Presentation Indicators: N Do Not Disturb: N

Default Device Configuration		
Model	**Protocol**	**Details**
		DND Option: Use Common Phone Profile Setting DND Incoming Call Alert: < None > Extension Mobility Cross Cluster CSS: < None > **MLPP and Confidential Access Level Information** MLPP Domain: < None > MLPP Indication: Default MLPP Preemption: Default
Cisco 7945	SCCP	**Default Device Profile Information** Name: ModelProfileForcf85ca08-0888-3704-4b8a-565abc96f2e Description: User MOH Audio Source: < None > User Locale: < None > Phone Button Template: Universal Device Template Button Layout Softkey Template: < None > Privacy: Default Single Button Barge: Default Join Across Lines: Default Always Use Prime Line: Default Always Use Prime Line for Voice Message: Default Ignore Presentation Indicators: N Do Not Disturb: N DND Option: Ringer Off DND Incoming Call Alert: < None > Extension Mobility Cross Cluster CSS: < None > **MLPP and Confidential Access Level Information** MLPP Domain: < None > MLPP Indication: Default MLPP Preemption: Default
Cisco 7965	SCCP	**Default Device Profile Information** Name: Cisco 7965 SCCP Description: User MOH Audio Source: < None > User Locale: < None > Phone Button Template: Standard 7965 SCCP Softkey Template: Standard User Privacy: Default Single Button Barge: Default Join Across Lines: Default Always Use Prime Line: Default Always Use Prime Line for Voice Message: Default Ignore Presentation Indicators: N Do Not Disturb: N DND Option: Use Common Phone Profile Setting DND Incoming Call Alert: < None > Extension Mobility Cross Cluster CSS: < None > **MLPP and Confidential Access Level Information**

Default Device Configuration		
Model	**Protocol**	**Details**
		MLPP Domain: < None >
		MLPP Indication: Default
		MLPP Preemption: Default
Cisco 8841	SIP	**Default Device Profile Information**
		Name: Cisco 8841 SIP
		Description:
		User MOH Audio Source: 1-SampleAudioSource
		User Locale: English United States
		Phone Button Template: Standard 8841 SIP
		Softkey Template: < None >
		Privacy: Default
		Always Use Prime Line: Default
		Always Use Prime Line for Voice Message: Default
		Ignore Presentation Indicators: N
		Do Not Disturb: N
		DND Option: Use Common Phone Profile Setting
		DND Incoming Call Alert: < None >
		Extension Mobility Cross Cluster CSS: < None >
		MLPP and Confidential Access Level Information
		MLPP Domain: < None >
		MLPP Indication: Default
		MLPP Preemption: Default
Cisco 9971	SIP	**Default Device Profile Information**
		Name: Cisco 9971 SIP
		Description:
		User MOH Audio Source: < None >
		User Locale: < None >
		Phone Button Template: Standard 9971 SIP
		Softkey Template: < None >
		Privacy: Default
		Always Use Prime Line: Default
		Always Use Prime Line for Voice Message: Default
		Ignore Presentation Indicators: N
		Do Not Disturb: N
		DND Option: Use Common Phone Profile Setting
		DND Incoming Call Alert: < None >
		Extension Mobility Cross Cluster CSS: < None >
		MLPP and Confidential Access Level Information
		MLPP Domain: < None >
		MLPP Indication: Default
		MLPP Preemption: Default

6.7.4 Device Profile

Device profiles contain phone settings which are applied to a phone when a user logs into a phone with the Cisco Extension Mobility feature. The Cisco Extension Mobility feature dynamically configures a phone according to the current user.

After a user logs in, the phone adopts the individual user default device profile information, including line numbers, speed dials, services links, and other user-specific properties of a phone.

6.7.4.1 Device Profile Filter

This report has been generated with the following filter applied.If there is a filter configured, not all objects may be be listed.

Device Profile filter(s)	
Filter	No Filter is defined

6.7.4.2 Cisco 7965 (1)

Cisco 7965

Device Profile	Base settings	
UDP_bwayne7965	Description	
	Model	Cisco 7965
	Protocol	SCCP
	Button Template	Standard 7965 SCCP
	Softkey Template	< None >

Lines

#	Extension	Partition	CSS	Linetext	Alerting Name	External Mask	Pickup Grp	max/busy	VM Profile	CF All	CF Busy	CF NoAnswer	CFNA [secs]
Line 1	7965	P_1	CSS_1					4/2	< None >	/ < None >	/ < None >	/ < None >	

6.7.4.3 Cisco 8865 (1)

Cisco 8865

Device Profile	Base settings	
dp_gclooney	Description	
	Model	Cisco 8865
	Protocol	SIP
	Button Template	Standard 8865 SIP
	Softkey Template	< None >

Lines

#	Extension	Partition	CSS	Linetext	Alerting Name	External Mask	Pickup Grp	max/busy	VM Profile	CF All	CF Busy	CF NoAnswer	CFNA [secs]
Line 1	886599	< None >	< None >					6/2	< None >	/ < None >	/ < None >	/ < None >	

6.7.4.4 Cisco 9971 (2)

Cisco 9971

Device Profile	Base settings	Lines
UDP_9971		

Base settings	
Description	
Model	Cisco 9971
Protocol	SIP
Button Template	Standard 9971 SIP
Softkey Template	< None >

#	Extension	Partition	CSS	Linetext	Alerting Name	External Mask	Pickup Grp	max/busy	VM Profile	CF All	CF Busy	CF NoAnswer	CFNA [secs]
Line 1	997100	< None >	< None >					4/2	< None >	/ < None >	/ < None >	/ < None >	
Line 2	997101	< None >	< None >					4/2	< None >	/ < None >	/ < None >	/ < None >	

UDP_bwayne9971

Base settings	
Description	
Model	Cisco 9971
Protocol	SIP
Button Template	Standard 9971 SIP
Softkey Template	< None >

#	Extension	Partition	CSS	Linetext	Alerting Name	External Mask	Pickup Grp	max/busy	VM Profile	CF All	CF Busy	CF NoAnswer	CFNA [secs]
Line 1	9971	P_1	CSS_1	9971 on 120 EM Bruce				4/2	< None >	/ < None >	/ < None >	/ < None >	

6.7.4.5 Subscribed Services

The following table lists the subscribed IP services and parameters for each Device Profile:

< No records found >

6.7.4.6 Speed Dials

The following Speed Dials are configured per Device Profile:

Speed Dials					
Device Name	**Button Number**	**Index**	**Number**	**Label**	**ASCII Label**
UDP_bwayne7965	3	1	7941	Try 7941	
UDP_bwayne7965	4	2	7975	Try 7975	

6.7.4.7 Busy Lamp Field Speed Dials

The following Busy Lamp Field Speed Dials are configured per Device Profile:

< No records found >

6.7.4.8 Busy Lamp Field Directed Call Parks

The following Busy Lamp Field Directed Call Parks are configured per Device Profile:

< No records found >

6.7.5 Phone Button Template

Cisco Unified Communications Manager (CUCM) includes several default phone button templates. When adding phones, you can assign one of these templates to the phones or create a new template.

Creating and using templates provides a fast way to assign a common button configuration to a large number of phones. For example, if users in your company do not use the conference feature, you can create a template that reassigns this button to a different feature, such as speed dial.

Phone Button Template

Name	Model	IsStandard	Protocol	Button Information
Cisco DX650 SIP	Cisco DX650	Y	SIP	

Button	Feature	Label
1	Line	Line1
2	Line	Line2
3	Redial	Redial
4	Speed Dial	Speed Dial2
5	Speed Dial	Speed Dial3
6	Speed Dial	Speed Dial4
7	Speed Dial	Speed Dial5
8	Speed Dial	Speed Dial6
9	Speed Dial	Speed Dial7
10	Speed Dial	Speed Dial8
11	Speed Dial	Speed Dial9
12	Speed Dial	Speed Dial10
13	Speed Dial	Speed Dial11
14	Speed Dial	Speed Dial12
15	Speed Dial	Speed Dial13

Cisco DX70 SIP	Cisco DX70	Y	SIP	

Button	Feature	Label
1	Line	Line1
2	Line	Line2
3	Redial	Redial
4	Speed Dial	Speed Dial1
5	Speed Dial	Speed Dial2
6	Speed Dial	Speed Dial3
7	Speed Dial	Speed Dial4
8	Speed Dial	Speed Dial5
9	Speed Dial	Speed Dial6
10	Speed Dial	Speed Dial7
11	Speed Dial	Speed Dial8
12	Speed Dial	Speed Dial9
13	Speed Dial	Speed Dial10
14	Speed Dial	Speed Dial11
15	Speed Dial	Speed Dial12

Cisco DX80 SIP	Cisco DX80	Y	SIP	

Button	Feature	Label
1	Line	Line1
2	Line	Line2
3	Redial	Redial
4	Speed Dial	Speed Dial1
5	Speed Dial	Speed Dial2
6	Speed Dial	Speed Dial3
7	Speed Dial	Speed Dial4
8	Speed Dial	Speed Dial5

Phone Button Template

Name	Model	IsStandard	Protocol	Button Information		
				9	Speed Dial	Speed Dial6
				10	Speed Dial	Speed Dial7
				11	Speed Dial	Speed Dial8
				12	Speed Dial	Speed Dial9
				13	Speed Dial	Speed Dial10
				14	Speed Dial	Speed Dial11
				15	Speed Dial	Speed Dial12
Cisco_TelePresence_IX5000	Cisco TelePresence IX5000	Y	SIP	**Button**	**Feature**	**Label**
				1	Line	Line
				2	Line	Line
				3	Speed Dial	Speed Dial 1
				4	Speed Dial	Speed Dial 2
				5	Speed Dial	Speed Dial 3
				6	Speed Dial	Speed Dial 4
				7	Speed Dial	Speed Dial 5
				8	Speed Dial	Speed Dial 6
				9	Speed Dial	Speed Dial 7
				10	Speed Dial	Speed Dial 8
				11	Speed Dial	Speed Dial 9
				12	Speed Dial	Speed Dial 10
				13	Speed Dial	Speed Dial 11
				14	Speed Dial	Speed Dial 12
				15	Speed Dial	Speed Dial 13
				16	Speed Dial	Speed Dial 14
				17	Speed Dial	Speed Dial 15
				18	Speed Dial	Speed Dial 16
				19	Speed Dial	Speed Dial 17
				20	Speed Dial	Speed Dial 18
				21	Speed Dial	Speed Dial 19
				22	Speed Dial	Speed Dial 20
				23	Speed Dial	Speed Dial 21
				24	Speed Dial	Speed Dial 22
				25	Speed Dial	Speed Dial 23
				26	Speed Dial	Speed Dial 24
				27	Speed Dial	Speed Dial 25
				28	Speed Dial	Speed Dial 26
				29	Speed Dial	Speed Dial 27
				30	Speed Dial	Speed Dial 28
				31	Speed Dial	Speed Dial 29
				32	Speed Dial	Speed Dial 30
				33	Speed Dial	Speed Dial 31
				34	Speed Dial	Speed Dial 32
				35	Speed Dial	Speed Dial 33
				36	Speed Dial	Speed Dial 34
				37	Speed Dial	Speed Dial 35
				38	Speed Dial	Speed Dial 36
				39	Speed Dial	Speed Dial 37
				40	Speed Dial	Speed Dial 38

Phone Button Template

Name	Model	IsStandard	Protocol	Button Information
				41 Speed Dial Speed Dial 39 42 Speed Dial Speed Dial 40
Default VGC Virtual Phone Template	Cisco VGC Virtual Phone	Y	SCCP	Button: 1, Feature: Line, Label: Line 1
Generic Desktop Video Endpoint	Generic Desktop Video Endpoint	Y	SIP	Button: 1, Feature: Line, Label: Line 2, Line, Line 3, Line, Line 4, Line, Line 5, Line, Line 6, Line, Line 7, Line, Line 8, Line, Line
Generic Multiple Screen Room System	Generic Multiple Screen Room System	Y	SIP	Button: 1, Feature: Line, Label: Line 2, Line, Line 3, Line, Line 4, Line, Line 5, Line, Line 6, Line, Line 7, Line, Line 8, Line, Line
Generic Single Screen Room System	Generic Single Screen Room System	Y	SIP	Button: 1, Feature: Line, Label: Line 2, Line, Line 3, Line, Line 4, Line, Line 5, Line, Line 6, Line, Line 7, Line, Line 8, Line, Line
ISDN BRI Phone	ISDN BRI Phone	Y	SCCP	Button: 1, Feature: Line, Label: Line
Standard 12 S	Cisco 12 S	Y	SCCP	Button: 1, Feature: Line, Label: Line 1 2, Line, Line 2 3, Redial, Redial 4, Speed Dial, Speed Dial 1 5, Speed Dial, Speed Dial 2 6, Speed Dial, Speed Dial 3 7, Hold, Hold 8, Transfer, Transfer 9, Forward All, Forward All 10, Call Park, Call Park 11, Message Waiting, Message Waiting 12, Conference, Conference

Phone Button Template

Name	Model	IsStandard	Protocol	Button Information
Standard 12 SP	Cisco 12 SP	Y	SCCP	

Button	Feature	Label
1	Line	Line 1
2	Line	Line 2
3	Redial	Redial
4	Speed Dial	Speed Dial 1
5	Speed Dial	Speed Dial 2
6	Speed Dial	Speed Dial 3
7	Hold	Hold
8	Transfer	Transfer
9	Forward All	Forward All
10	Call Park	Call Park
11	Message Waiting	Message Waiting
12	Conference	Conference

Name	Model	IsStandard	Protocol	Button Information
Standard 12 SP+	Cisco 12 SP+	Y	SCCP	

Button	Feature	Label
1	Line	Line 1
2	Line	Line 2
3	Redial	Redial
4	Speed Dial	Speed Dial 1
5	Speed Dial	Speed Dial 2
6	Speed Dial	Speed Dial 3
7	Hold	Hold
8	Transfer	Transfer
9	Forward All	Forward All
10	Call Park	Call Park
11	Message Waiting	Message Waiting
12	Conference	Conference

Name	Model	IsStandard	Protocol	Button Information
Standard 30 SP+	Cisco 30 SP+	Y	SCCP	

Button	Feature	Label
1	Line	Line 1
2	Line	Line 2
3	Line	Line 3
4	Line	Line 4
5	Call Park	Call Park
6	None	None
7	None	None
8	None	None
9	Speed Dial	Speed Dial 1
10	Speed Dial	Speed Dial 2
11	Speed Dial	Speed Dial 3
12	Speed Dial	Speed Dial 4
13	Speed Dial	Speed Dial 5
14	Message Waiting	Message Waiting
15	Forward All	Forward All
16	Conference	Conference
17	None	None
18	None	None
19	None	None
20	None	None
21	None	None

Phone Button Template

Name	Model	IsStandard	Protocol	Button Information
				22 Speed Dial Speed Dial 6 23 Speed Dial Speed Dial 7 24 Speed Dial Speed Dial 8 25 Speed Dial Speed Dial 9 26 AEC AEC
Standard 30 VIP	Cisco 30 VIP	Y	SCCP	Button Feature Label 1 Line Line 1 2 Line Line 2 3 Line Line 3 4 Line Line 4 5 Call Park Call Park 6 None None 7 None None 8 None None 9 Speed Dial Speed Dial 1 10 Speed Dial Speed Dial 2 11 Speed Dial Speed Dial 3 12 Speed Dial Speed Dial 4 13 Speed Dial Speed Dial 5 14 Message Waiting Message Waiting 15 Forward All Forward All 16 Conference Conference 17 None None 18 None None 19 None None 20 None None 21 None None 22 Speed Dial Speed Dial 6 23 Speed Dial Speed Dial 7 24 Speed Dial Speed Dial 8 25 Speed Dial Speed Dial 9 26 Speed Dial Speed Dial 10
Standard 3905 SIP	Cisco 3905	Y	SIP	Button Feature Label 1 Line Line
Standard 3911 SIP	Cisco 3911	Y	SIP	Button Feature Label 1 Line Line 2 None None
Standard 3951 SIP	Cisco 3951	Y	SIP	Button Feature Label 1 Line Line 1 2 Line Line 2
Standard 6901 SCCP	Cisco 6901	Y	SCCP	Button Feature Label 1 Line Line
Standard 6901 SIP	Cisco 6901	Y	SIP	Button Feature Label 1 Line Line
Standard 6911 SCCP	Cisco 6911	Y	SCCP	Button Feature Label 1 Line Line

Phone Button Template

Name	Model	IsStandard	Protocol	Button Information		
				2	Speed Dial	Speed Dial
				3	Speed Dial	Speed Dial
				4	Speed Dial	Speed Dial
				5	Speed Dial	Speed Dial
				6	Speed Dial	Speed Dial
				7	Speed Dial	Speed Dial
				8	Speed Dial	Speed Dial
				9	Speed Dial	Speed Dial
				10	Speed Dial	Speed Dial
Standard 6911 SIP	Cisco 6911	Y	SIP	**Button**	**Feature**	**Label**
				1	Line	Line
				2	Speed Dial	Speed Dial
				3	Speed Dial	Speed Dial
				4	Speed Dial	Speed Dial
				5	Speed Dial	Speed Dial
				6	Speed Dial	Speed Dial
				7	Speed Dial	Speed Dial
				8	Speed Dial	Speed Dial
				9	Speed Dial	Speed Dial
				10	Speed Dial	Speed Dial
Standard 6921 SCCP	Cisco 6921	Y	SCCP	**Button**	**Feature**	**Label**
				1	Line	Line
				2	Line	Line
				3	Speed Dial	Speed Dial
				4	Speed Dial	Speed Dial
				5	Speed Dial	Speed Dial
				6	Speed Dial	Speed Dial
				7	Speed Dial	Speed Dial
				8	Speed Dial	Speed Dial
Standard 6921 SIP	Cisco 6921	Y	SIP	**Button**	**Feature**	**Label**
				1	Line	Line
				2	Line	Line
				3	Speed Dial	Speed Dial
				4	Speed Dial	Speed Dial
				5	Speed Dial	Speed Dial
				6	Speed Dial	Speed Dial
				7	Speed Dial	Speed Dial
				8	Speed Dial	Speed Dial
Standard 6941 SCCP	Cisco 6941	Y	SCCP	**Button**	**Feature**	**Label**
				1	Line	Line
				2	Line	Line
				3	Line	Line
				4	Line	Line
				5	Speed Dial	Speed Dial
				6	Speed Dial	Speed Dial
				7	Speed Dial	Speed Dial
				8	Speed Dial	Speed Dial

Phone Button Template						
Name	**Model**	**IsStandard**	**Protocol**	**Button Information**		
				9	Speed Dial	Speed Dial
				10	Speed Dial	Speed Dial
Standard 6941 SIP	Cisco 6941	Y	SIP	**Button**	**Feature**	**Label**
				1	Line	Line
				2	Line	Line
				3	Line	Line
				4	Line	Line
				5	Speed Dial	Speed Dial
				6	Speed Dial	Speed Dial
				7	Speed Dial	Speed Dial
				8	Speed Dial	Speed Dial
				9	Speed Dial	Speed Dial
				10	Speed Dial	Speed Dial
Standard 6945 SCCP	Cisco 6945	Y	SCCP	**Button**	**Feature**	**Label**
				1	Line	Line
				2	Line	Line
				3	Line	Line
				4	Line	Line
				5	Speed Dial	Speed Dial
				6	Speed Dial	Speed Dial
				7	Speed Dial	Speed Dial
				8	Speed Dial	Speed Dial
				9	Speed Dial	Speed Dial
				10	Speed Dial	Speed Dial
Standard 6945 SIP	Cisco 6945	Y	SIP	**Button**	**Feature**	**Label**
				1	Line	Line
				2	Line	Line
				3	Line	Line
				4	Line	Line
				5	Speed Dial	Speed Dial
				6	Speed Dial	Speed Dial
				7	Speed Dial	Speed Dial
				8	Speed Dial	Speed Dial
				9	Speed Dial	Speed Dial
				10	Speed Dial	Speed Dial
Standard 6961 SCCP	Cisco 6961	Y	SCCP	**Button**	**Feature**	**Label**
				1	Line	Line
				2	Line	Line
				3	Line	Line
				4	Line	Line
				5	Line	Line
				6	Line	Line
				7	Line	Line
				8	Line	Line
				9	Line	Line
				10	Line	Line
				11	Line	Line

Phone Button Template

Name	Model	IsStandard	Protocol	Button Information		
				12	Line	Line
				13	Speed Dial	Speed Dial
				14	Speed Dial	Speed Dial
				15	Speed Dial	Speed Dial
				16	Speed Dial	Speed Dial
				17	Speed Dial	Speed Dial
				18	Speed Dial	Speed Dial
Standard 6961 SIP	Cisco 6961	Y	SIP	**Button**	**Feature**	**Label**
				1	Line	Line
				2	Line	Line
				3	Line	Line
				4	Line	Line
				5	Line	Line
				6	Line	Line
				7	Line	Line
				8	Line	Line
				9	Line	Line
				10	Line	Line
				11	Line	Line
				12	Line	Line
				13	Speed Dial	Speed Dial
				14	Speed Dial	Speed Dial
				15	Speed Dial	Speed Dial
				16	Speed Dial	Speed Dial
				17	Speed Dial	Speed Dial
				18	Speed Dial	Speed Dial
Standard 7811 SIP	Cisco 7811	Y	SIP	**Button**	**Feature**	**Label**
				1	Line	Line
				2	Speed Dial	Speed Dial
				3	Speed Dial	Speed Dial
				4	Speed Dial	Speed Dial
				5	Speed Dial	Speed Dial
				6	Speed Dial	Speed Dial
				7	Speed Dial	Speed Dial
Standard 7821 SIP	Cisco 7821	Y	SIP	**Button**	**Feature**	**Label**
				1	Line	Line
				2	Line	Line
				3	Speed Dial	Speed Dial
				4	Speed Dial	Speed Dial
				5	Speed Dial	Speed Dial
				6	Speed Dial	Speed Dial
				7	Speed Dial	Speed Dial
				8	Speed Dial	Speed Dial
Standard 7832 SIP	Cisco 7832	Y	SIP	**Button**	**Feature**	**Label**
				1	Line	Line1
				2	Speed Dial	Speed Dial
				3	Speed Dial	Speed Dial

Phone Button Template				
Name	**Model**	**IsStandard**	**Protocol**	**Button Information**
				4 Speed Dial Speed Dial 5 Speed Dial Speed Dial 6 Speed Dial Speed Dial 7 Speed Dial Speed Dial
Standard 7841 SIP	Cisco 7841	Y	SIP	**Button Feature Label** 1 Line Line 2 Line Line 3 Line Line 4 Line Line 5 Speed Dial Speed Dial 6 Speed Dial Speed Dial 7 Speed Dial Speed Dial 8 Speed Dial Speed Dial 9 Speed Dial Speed Dial 10 Speed Dial Speed Dial
Standard 7861 SIP	Cisco 7861	Y	SIP	**Button Feature Label** 1 Line Line 2 Line Line 3 Line Line 4 Line Line 5 Line Line 6 Line Line 7 Line Line 8 Line Line 9 Line Line 10 Line Line 11 Line Line 12 Line Line 13 Line Line 14 Line Line 15 Line Line 16 Line Line 17 Speed Dial Speed Dial 18 Speed Dial Speed Dial 19 Speed Dial Speed Dial 20 Speed Dial Speed Dial 21 Speed Dial Speed Dial 22 Speed Dial Speed Dial
Standard 7902	Cisco 7902	Y	SCCP	**Button Feature Label** 1 Line Line 1 2 Speed Dial Speed Dial 3 Speed Dial Speed Dial 4 Speed Dial Speed Dial 5 Speed Dial Speed Dial 6 Hold Hold 7 Settings Settings
Standard 7905 SCCP	Cisco 7905	Y	SCCP	**Button Feature Label**

Phone Button Template

Name	Model	IsStandard	Protocol	Button Information
				1 Line Line 1 2 Speed Dial Speed Dial 3 Speed Dial Speed Dial 4 Speed Dial Speed Dial 5 Speed Dial Speed Dial
Standard 7905 SIP	Cisco 7905	Y	SIP	Button Feature Label 1 Line Line 1
Standard 7906	Cisco 7906	Y	SCCP	Button Feature Label 1 Line Line 1 2 None None 3 Speed Dial Speed Dial 4 Speed Dial Speed Dial 5 Speed Dial Speed Dial 6 Speed Dial Speed Dial
Standard 7906 SIP	Cisco 7906	Y	SIP	Button Feature Label 1 Line Line 1 2 None None 3 Speed Dial Speed Dial 4 Speed Dial Speed Dial 5 Speed Dial Speed Dial 6 Speed Dial Speed Dial
Standard 7910	Cisco 7910	Y	SCCP	Button Feature Label 1 Line Line 1 2 Hold Hold 3 Transfer Transfer 4 Settings Settings 5 Message Waiting Message Waiting 6 Conference Conference 7 Forward All Forward All 8 Speed Dial Speed Dial 1 9 Speed Dial Speed Dial 2 10 Redial Redial
Standard 7911	Cisco 7911	Y	SCCP	Button Feature Label 1 Line Line 1 2 None None 3 Speed Dial Speed Dial 4 Speed Dial Speed Dial 5 Speed Dial Speed Dial 6 Speed Dial Speed Dial
Standard 7911 SIP	Cisco 7911	Y	SIP	Button Feature Label 1 Line Line 1 2 None None 3 Speed Dial Speed Dial 4 Speed Dial Speed Dial 5 Speed Dial Speed Dial 6 Speed Dial Speed Dial

Phone Button Template

Name	Model	IsStandard	Protocol	Button Information
Standard 7912 SCCP	Cisco 7912	Y	SCCP	

Button	Feature	Label
1	Line	Line 1
2	Speed Dial	Speed Dial
3	Speed Dial	Speed Dial
4	Speed Dial	Speed Dial
5	Speed Dial	Speed Dial

Name	Model	IsStandard	Protocol	Button Information
Standard 7912 SIP	Cisco 7912	Y	SIP	

Button	Feature	Label
1	Line	Line 1

Name	Model	IsStandard	Protocol	Button Information
Standard 7920	Cisco 7920	Y	SCCP	

Button	Feature	Label
1	Line	Line 1
2	Line	Line 2
3	Speed Dial	Speed Dial 1
4	Speed Dial	Speed Dial 2
5	Speed Dial	Speed Dial 3
6	Speed Dial	Speed Dial 4

Name	Model	IsStandard	Protocol	Button Information
Standard 7921 SCCP	Cisco 7921	Y	SCCP	

Button	Feature	Label
1	Line	Line
2	Line	Line
3	Speed Dial	Speed Dial
4	Speed Dial	Speed Dial
5	Speed Dial	Speed Dial
6	Speed Dial	Speed Dial

Name	Model	IsStandard	Protocol	Button Information
Standard 7925 SCCP	Cisco 7925	Y	SCCP	

Button	Feature	Label
1	Line	Line
2	Line	Line
3	Speed Dial	Speed Dial
4	Speed Dial	Speed Dial
5	Speed Dial	Speed Dial
6	Speed Dial	Speed Dial

Name	Model	IsStandard	Protocol	Button Information
Standard 7926 SCCP	Cisco 7926	Y	SCCP	

Button	Feature	Label
1	Line	Line
2	Line	Line
3	Speed Dial	Speed Dial
4	Speed Dial	Speed Dial
5	Speed Dial	Speed Dial
6	Speed Dial	Speed Dial

Name	Model	IsStandard	Protocol	Button Information
Standard 7931 SCCP	Cisco 7931	Y	SCCP	

Button	Feature	Label
1	Line	Line 1
2	Line	Line 2
3	Line	Line 3
4	Line	Line 4
5	Line	Line 5
6	Line	Line 6
7	Line	Line 7
8	Line	Line 8
9	Speed Dial	Speed Dial 1
10	Speed Dial	Speed Dial 2

Phone Button Template

Name	Model	IsStandard	Protocol	Button Information
				11 Speed Dial Speed Dial 3 12 Speed Dial Speed Dial 4 13 Speed Dial BLF Speed Dial BLF 1 14 Speed Dial BLF Speed Dial BLF 2 15 Speed Dial BLF Speed Dial BLF 3 16 Speed Dial BLF Speed Dial BLF 4 17 None None 18 None None 19 None None 20 None None 21 Messages Messages 22 Directories Directories 23 Headset Headset 24 Application Menu Application Menu
Standard 7931 SIP	Cisco 7931	Y	SIP	Button Feature Label 1 Line Line 1 2 Line Line 2 3 Line Line 3 4 Line Line 4 5 Line Line 5 6 Line Line 6 7 Line Line 7 8 Line Line 8 9 Speed Dial Speed Dial 1 10 Speed Dial Speed Dial 2 11 Speed Dial Speed Dial 3 12 Speed Dial Speed Dial 4 13 Speed Dial BLF Speed Dial BLF 1 14 Speed Dial BLF Speed Dial BLF 2 15 Speed Dial BLF Speed Dial BLF 3 16 Speed Dial BLF Speed Dial BLF 4 17 None None 18 None None 19 None None 20 None None 21 Messages Messages 22 Directories Directories 23 Headset Headset 24 Application Menu Application Menu
Standard 7935	Cisco 7935	Y	SCCP	Button Feature Label 1 Line Line 1
Standard 7936	Cisco 7936	Y	SCCP	Button Feature Label 1 Line Line 1
Standard 7937	Cisco 7937	Y	SCCP	Button Feature Label 1 Line Line 2 None None 3 Speed Dial Speed Dial

Phone Button Template

Name	Model	IsStandard	Protocol	Button Information
				4 Speed Dial Speed Dial 5 Speed Dial Speed Dial 6 Speed Dial Speed Dial 7 Speed Dial Speed Dial 8 Speed Dial Speed Dial 9 Speed Dial Speed Dial 10 Speed Dial Speed Dial 11 Speed Dial Speed Dial 12 Speed Dial Speed Dial
Standard 7940 SCCP	Cisco 7940	Y	SCCP	Button Feature Label 1 Line Line 1 2 Speed Dial Speed Dial
Standard 7940 SIP	Cisco 7940	Y	SIP	Button Feature Label 1 Line Line 1 2 Line Line 2
Standard 7941 SCCP	Cisco 7941	Y	SCCP	Button Feature Label 1 Line Line 2 Line Line
Standard 7941 SIP	Cisco 7941	Y	SIP	Button Feature Label 1 Line Line 2 Line Line
Standard 7941G-GE SCCP	Cisco 7941G-GE	Y	SCCP	Button Feature Label 1 Line Line 2 Line Line
Standard 7941G-GE SIP	Cisco 7941G-GE	Y	SIP	Button Feature Label 1 Line Line 2 Line Line
Standard 7942G SCCP	Cisco 7942	Y	SCCP	Button Feature Label 1 Line Line 2 Line Line
Standard 7942G SIP	Cisco 7942	Y	SIP	Button Feature Label 1 Line Line 2 Line Line
Standard 7945 SCCP	Cisco 7945	Y	SCCP	Button Feature Label 1 Line Line 2 Line Line
Standard 7945 SIP	Cisco 7945	Y	SIP	Button Feature Label 1 Line Line 2 Line Line
Standard 7960 SCCP	Cisco 7960	Y	SCCP	Button Feature Label 1 Line Line 1 2 Line Line 2 3 Speed Dial Speed Dial 1 4 Speed Dial Speed Dial 2 5 Speed Dial Speed Dial 3

Phone Button Template

Name	Model	IsStandard	Protocol	Button Information
				6 | Speed Dial | Speed Dial 4
Standard 7960 SIP	Cisco 7960	Y	SIP	
Standard 7961 SCCP	Cisco 7961	Y	SCCP	
Standard 7961 SIP	Cisco 7961	Y	SIP	
Standard 7961G-GE SCCP	Cisco 7961G-GE	Y	SCCP	
Standard 7961G-GE SIP	Cisco 7961G-GE	Y	SIP	
Standard 7962G SCCP	Cisco 7962	Y	SCCP	
Standard 7962G SIP	Cisco 7962	Y	SIP	

Standard 7960 SIP

Button	Feature	Label
1	Line	Line 1
2	Line	Line 2
3	Line	Line 3
4	Line	Line 4
5	Line	Line 5
6	Line	Line 6

Standard 7961 SCCP

Button	Feature	Label
1	Line	Line
2	Line	Line
3	Speed Dial	Speed Dial1
4	Speed Dial	Speed Dial2
5	Speed Dial	Speed Dial3
6	Speed Dial	Speed Dial4

Standard 7961 SIP

Button	Feature	Label
1	Line	Line
2	Line	Line
3	Speed Dial	Speed Dial1
4	Speed Dial	Speed Dial2
5	Speed Dial	Speed Dial3
6	Speed Dial	Speed Dial4

Standard 7961G-GE SCCP

Button	Feature	Label
1	Line	Line
2	Line	Line
3	Speed Dial	Speed Dial1
4	Speed Dial	Speed Dial2
5	Speed Dial	Speed Dial3
6	Speed Dial	Speed Dial4

Standard 7961G-GE SIP

Button	Feature	Label
1	Line	Line
2	Line	Line
3	Speed Dial	Speed Dial1
4	Speed Dial	Speed Dial2
5	Speed Dial	Speed Dial3
6	Speed Dial	Speed Dial4

Standard 7962G SCCP

Button	Feature	Label
1	Line	Line
2	Line	Line
3	Speed Dial	Speed Dial1
4	Speed Dial	Speed Dial2
5	Speed Dial	Speed Dial3
6	Speed Dial	Speed Dial4

Standard 7962G SIP

Button	Feature	Label
1	Line	Line
2	Line	Line

Phone Button Template

Name	Model	IsStandard	Protocol	Button Information
				3 Speed Dial Speed Dial1 4 Speed Dial Speed Dial2 5 Speed Dial Speed Dial3 6 Speed Dial Speed Dial4
Standard 7965 SCCP	Cisco 7965	Y	SCCP	Button Feature Label 1 Line Line 2 Line Line 3 Speed Dial Speed Dial1 4 Speed Dial Speed Dial2 5 Speed Dial Speed Dial3 6 Speed Dial Speed Dial4
Standard 7965 SIP	Cisco 7965	Y	SIP	Button Feature Label 1 Line Line 2 Line Line 3 Speed Dial Speed Dial1 4 Speed Dial Speed Dial2 5 Speed Dial Speed Dial3 6 Speed Dial Speed Dial4
Standard 7970 SCCP	Cisco 7970	Y	SCCP	Button Feature Label 1 Line Line1 2 Line Line2 3 Speed Dial Speed Dial 1 4 Speed Dial Speed Dial 2 5 Speed Dial Speed Dial 3 6 Speed Dial Speed Dial 4 7 Speed Dial Speed Dial 5 8 Speed Dial Speed Dial 6
Standard 7970 SIP	Cisco 7970	Y	SIP	Button Feature Label 1 Line Line1 2 Line Line2 3 Speed Dial Speed Dial 1 4 Speed Dial Speed Dial 2 5 Speed Dial Speed Dial 3 6 Speed Dial Speed Dial 4 7 Speed Dial Speed Dial 5 8 Speed Dial Speed Dial 6
Standard 7971 SCCP	Cisco 7971	Y	SCCP	Button Feature Label 1 Line Line 1 2 Line Line 2 3 Speed Dial Speed Dial 1 4 Speed Dial Speed Dial 2 5 Speed Dial Speed Dial 3 6 Speed Dial Speed Dial 4 7 Speed Dial Speed Dial 5 8 Speed Dial Speed Dial 6
Standard 7971 SIP	Cisco 7971	Y	SIP	Button Feature Label 1 Line Line 1

Phone Button Template

Name	Model	IsStandard	Protocol	Button Information		
				2	Line	Line 2
				3	Speed Dial	Speed Dial 1
				4	Speed Dial	Speed Dial 2
				5	Speed Dial	Speed Dial 3
				6	Speed Dial	Speed Dial 4
				7	Speed Dial	Speed Dial 5
				8	Speed Dial	Speed Dial 6
Standard 7975 SCCP	Cisco 7975	Y	SCCP	**Button**	**Feature**	**Label**
				1	Line	Line 1
				2	Line	Line 2
				3	Speed Dial	Speed Dial 1
				4	Speed Dial	Speed Dial 2
				5	Speed Dial	Speed Dial 3
				6	Speed Dial	Speed Dial 4
				7	Speed Dial	Speed Dial 5
				8	Speed Dial	Speed Dial 6
Standard 7975 SIP	Cisco 7975	Y	SIP	**Button**	**Feature**	**Label**
				1	Line	Line 1
				2	Line	Line 2
				3	Speed Dial	Speed Dial 1
				4	Speed Dial	Speed Dial 2
				5	Speed Dial	Speed Dial 3
				6	Speed Dial	Speed Dial 4
				7	Speed Dial	Speed Dial 5
				8	Speed Dial	Speed Dial 6
Standard 7985	Cisco 7985	Y	SCCP	**Button**	**Feature**	**Label**
				1	Line	Line1
				2	Line	Line
				3	Speed Dial	Speed Dial
				4	Speed Dial	Speed Dial
				5	Speed Dial	Speed Dial
				6	Speed Dial	Speed Dial
				7	Speed Dial	Speed Dial
				8	Speed Dial	Speed Dial
Standard 8811 SIP	Cisco 8811	Y	SIP	**Button**	**Feature**	**Label**
				1	Line	Line
				2	Line	Line
				3	Speed Dial	Speed Dial
				4	Speed Dial	Speed Dial
				5	Speed Dial	Speed Dial
				6	Speed Dial	Speed Dial
				7	Speed Dial	Speed Dial
				8	Speed Dial	Speed Dial
				9	Speed Dial	Speed Dial
				10	Speed Dial	Speed Dial
Standard 8821 SIP	Cisco 8821	Y	SIP	**Button**	**Feature**	**Label**
				1	Line	Line

Phone Button Template				
Name	**Model**	**IsStandard**	**Protocol**	**Button Information**
				2 Line Line 3 Speed Dial Speed Dial 4 Speed Dial Speed Dial 5 Speed Dial Speed Dial 6 Speed Dial Speed Dial
Standard 8831 SIP	Cisco 8831	Y	SIP	**Button Feature Label** 1 Line Line 1 2 None None 3 Speed Dial Speed Dial 4 Speed Dial Speed Dial 5 Speed Dial Speed Dial 6 Speed Dial Speed Dial 7 Speed Dial Speed Dial 8 Speed Dial Speed Dial 9 Speed Dial Speed Dial 10 Speed Dial Speed Dial 11 Speed Dial Speed Dial 12 Speed Dial Speed Dial
Standard 8832 SIP	Cisco 8832	Y	SIP	**Button Feature Label** 1 Line Line 2 Speed Dial Speed Dial 3 Speed Dial Speed Dial 4 Speed Dial Speed Dial 5 Speed Dial Speed Dial 6 Speed Dial Speed Dial 7 Speed Dial Speed Dial
Standard 8832NR SIP	Cisco 8832NR	Y	SIP	**Button Feature Label** 1 Line Line 2 Speed Dial Speed Dial 3 Speed Dial Speed Dial 4 Speed Dial Speed Dial 5 Speed Dial Speed Dial 6 Speed Dial Speed Dial 7 Speed Dial Speed Dial
Standard 8841 SIP	Cisco 8841	Y	SIP	**Button Feature Label** 1 Line Line 2 Line Line 3 Speed Dial Speed Dial 4 Speed Dial Speed Dial 5 Speed Dial Speed Dial 6 Speed Dial Speed Dial 7 Speed Dial Speed Dial 8 Speed Dial Speed Dial 9 Speed Dial Speed Dial 10 Speed Dial Speed Dial
Standard 8845 SIP	Cisco 8845	Y	SIP	**Button Feature Label** 1 Line Line

Phone Button Template

Name	Model	IsStandard	Protocol	Button Information		
				2	Line	Line
				3	Speed Dial	Speed Dial
				4	Speed Dial	Speed Dial
				5	Speed Dial	Speed Dial
				6	Speed Dial	Speed Dial
				7	Speed Dial	Speed Dial
				8	Speed Dial	Speed Dial
				9	Speed Dial	Speed Dial
				10	Speed Dial	Speed Dial
Standard 8851 SIP	Cisco 8851	Y	SIP	**Button**	**Feature**	**Label**
				1	Line	Line
				2	Line	Line
				3	Speed Dial	Speed Dial
				4	Speed Dial	Speed Dial
				5	Speed Dial	Speed Dial
				6	Speed Dial	Speed Dial
				7	Speed Dial	Speed Dial
				8	Speed Dial	Speed Dial
				9	Speed Dial	Speed Dial
				10	Speed Dial	Speed Dial
Standard 8851NR SIP	Cisco 8851NR	Y	SIP	**Button**	**Feature**	**Label**
				1	Line	Line
				2	Line	Line
				3	Speed Dial	Speed Dial
				4	Speed Dial	Speed Dial
				5	Speed Dial	Speed Dial
				6	Speed Dial	Speed Dial
				7	Speed Dial	Speed Dial
				8	Speed Dial	Speed Dial
				9	Speed Dial	Speed Dial
				10	Speed Dial	Speed Dial
Standard 8861 SIP	Cisco 8861	Y	SIP	**Button**	**Feature**	**Label**
				1	Line	Line
				2	Line	Line
				3	Speed Dial	Speed Dial
				4	Speed Dial	Speed Dial
				5	Speed Dial	Speed Dial
				6	Speed Dial	Speed Dial
				7	Speed Dial	Speed Dial
				8	Speed Dial	Speed Dial
				9	Speed Dial	Speed Dial
				10	Speed Dial	Speed Dial
Standard 8865 SIP	Cisco 8865	Y	SIP	**Button**	**Feature**	**Label**
				1	Line	Line
				2	Line	Line
				3	Speed Dial	Speed Dial
				4	Speed Dial	Speed Dial

Phone Button Template

Name	Model	IsStandard	Protocol	Button Information		
				5	Speed Dial	Speed Dial
				6	Speed Dial	Speed Dial
				7	Speed Dial	Speed Dial
				8	Speed Dial	Speed Dial
				9	Speed Dial	Speed Dial
				10	Speed Dial	Speed Dial
Standard 8865NR SIP	Cisco 8865NR	Y	SIP	**Button**	**Feature**	**Label**
				1	Line	Line
				2	Line	Line
				3	Speed Dial	Speed Dial
				4	Speed Dial	Speed Dial
				5	Speed Dial	Speed Dial
				6	Speed Dial	Speed Dial
				7	Speed Dial	Speed Dial
				8	Speed Dial	Speed Dial
				9	Speed Dial	Speed Dial
				10	Speed Dial	Speed Dial
Standard 8941 SCCP	Cisco 8941	Y	SCCP	**Button**	**Feature**	**Label**
				1	Line	Line
				2	Line	Line
				3	Line	Line
				4	Line	Line
				5	Speed Dial	Speed Dial
				6	Speed Dial	Speed Dial
				7	Speed Dial	Speed Dial
				8	Speed Dial	Speed Dial
				9	Speed Dial	Speed Dial
				10	Speed Dial	Speed Dial
Standard 8941 SIP	Cisco 8941	Y	SIP	**Button**	**Feature**	**Label**
				1	Line	Line
				2	Line	Line
				3	Line	Line
				4	Line	Line
				5	Speed Dial	Speed Dial
				6	Speed Dial	Speed Dial
				7	Speed Dial	Speed Dial
				8	Speed Dial	Speed Dial
				9	Speed Dial	Speed Dial
				10	Speed Dial	Speed Dial
Standard 8945 SCCP	Cisco 8945	Y	SCCP	**Button**	**Feature**	**Label**
				1	Line	Line
				2	Line	Line
				3	Line	Line
				4	Line	Line
				5	Speed Dial	Speed Dial
				6	Speed Dial	Speed Dial
				7	Speed Dial	Speed Dial

Phone Button Template

Name	Model	IsStandard	Protocol	Button Information
				8 Speed Dial Speed Dial 9 Speed Dial Speed Dial 10 Speed Dial Speed Dial
Standard 8945 SIP	Cisco 8945	Y	SIP	Button Feature Label 1 Line Line 2 Line Line 3 Line Line 4 Line Line 5 Speed Dial Speed Dial 6 Speed Dial Speed Dial 7 Speed Dial Speed Dial 8 Speed Dial Speed Dial 9 Speed Dial Speed Dial 10 Speed Dial Speed Dial
Standard 8961 SIP	Cisco 8961	Y	SIP	Button Feature Label 1 Line Line1 2 Line Line2 3 Speed Dial Speed Dial 1 4 Speed Dial Speed Dial 2 5 Speed Dial Speed Dial 3
Standard 9951 SIP	Cisco 9951	Y	SIP	Button Feature Label 1 Line Line1 2 Line Line2 3 Speed Dial Speed Dial 1 4 Speed Dial Speed Dial 2 5 Speed Dial Speed Dial 3
Standard 9971 SIP	Cisco 9971	Y	SIP	Button Feature Label 1 Line Line1 2 Line Line2 3 Speed Dial Speed Dial 1 4 Speed Dial Speed Dial 2 5 Speed Dial Speed Dial 3 6 Speed Dial Speed Dial 4
Standard ATA 186	Cisco ATA 186	Y	SCCP	Button Feature Label 1 Line Line 1 2 Speed Dial Speed Dial 1 3 Speed Dial Speed Dial 2 4 Speed Dial Speed Dial 3 5 Speed Dial Speed Dial 4 6 Speed Dial Speed Dial 5 7 Speed Dial Speed Dial 6 8 Speed Dial Speed Dial 7 9 Speed Dial Speed Dial 8 10 Speed Dial Speed Dial 9
Standard ATA 187 SIP	Cisco ATA 187	Y	SIP	Button Feature Label 1 Line Line 2 Speed Dial Speed Dial

Phone Button Template

Name	Model	IsStandard	Protocol	Button Information
				3 Speed Dial Speed Dial 1 4 Speed Dial Speed Dial 2 5 Speed Dial Speed Dial 3 6 Speed Dial Speed Dial 4 7 Speed Dial Speed Dial 5 8 Speed Dial Speed Dial 6 9 Speed Dial Speed Dial 7 10 Speed Dial Speed Dial 8
Standard ATA 190 SIP	Cisco ATA 190	Y	SIP	Button Feature Label 1 Line Line 2 Speed Dial Speed Dial 3 Speed Dial Speed Dial 1 4 Speed Dial Speed Dial 2 5 Speed Dial Speed Dial 3 6 Speed Dial Speed Dial 4 7 Speed Dial Speed Dial 5 8 Speed Dial Speed Dial 6 9 Speed Dial Speed Dial 7 10 Speed Dial Speed Dial 8
Standard ATA 191 SIP	Cisco ATA 191	Y	SIP	Button Feature Label 1 Line Line 2 Speed Dial Speed Dial 3 Speed Dial Speed Dial 1 4 Speed Dial Speed Dial 2 5 Speed Dial Speed Dial 3 6 Speed Dial Speed Dial 4 7 Speed Dial Speed Dial 5 8 Speed Dial Speed Dial 6 9 Speed Dial Speed Dial 7 10 Speed Dial Speed Dial 8
Standard Analog	Analog Phone	Y	SCCP	Button Feature Label 1 Line Line
Standard CIPC SCCP	Cisco IP Communicator	Y	SCCP	Button Feature Label 1 Line Line 1 2 Line Line 2 3 Speed Dial Speed Dial 1 4 Speed Dial Speed Dial 2 5 Speed Dial Speed Dial 3 6 Speed Dial Speed Dial 4 7 Speed Dial Speed Dial 5 8 Speed Dial Speed Dial 6
Standard CIPC SIP	Cisco IP Communicator	Y	SIP	Button Feature Label 1 Line Line 1 2 Line Line 2 3 Speed Dial Speed Dial 1 4 Speed Dial Speed Dial 2 5 Speed Dial Speed Dial 3

Phone Button Template				
Name	**Model**	**IsStandard**	**Protocol**	**Button Information**
				6 Speed Dial Speed Dial 4 7 Speed Dial Speed Dial 5 8 Speed Dial Speed Dial 6
Standard Carrier-integrated Mobile	Carrier-integrated Mobile	Y	SIP	**Button** **Feature** **Label** 1 Line Line
Standard Cisco TelePresence C60 Codec	Cisco TelePresence Codec C60	Y	SIP	**Button** **Feature** **Label** 1 Line Line
Standard Cisco TelePresence Codec C40	Cisco TelePresence Codec C40	Y	SIP	**Button** **Feature** **Label** 1 Line Line
Standard Cisco TelePresence Codec C90	Cisco TelePresence Codec C90	Y	SIP	**Button** **Feature** **Label** 1 Line Line
Standard Cisco TelePresence DX70	Cisco TelePresence DX70	Y	SIP	**Button** **Feature** **Label** 1 Line Line
Standard Cisco TelePresence EX60	Cisco TelePresence EX60	Y	SIP	**Button** **Feature** **Label** 1 Line Line
Standard Cisco TelePresence EX90	Cisco TelePresence EX90	Y	SIP	**Button** **Feature** **Label** 1 Line Line
Standard Cisco TelePresence MX200	Cisco TelePresence MX200	Y	SIP	**Button** **Feature** **Label** 1 Line Line
Standard Cisco TelePresence MX200 G2	Cisco TelePresence MX200 G2	Y	SIP	**Button** **Feature** **Label** 1 Line Line
Standard Cisco TelePresence MX300	Cisco TelePresence MX300	Y	SIP	**Button** **Feature** **Label** 1 Line Line
Standard Cisco TelePresence MX300 G2	Cisco TelePresence MX300 G2	Y	SIP	**Button** **Feature** **Label** 1 Line Line
Standard Cisco TelePresence MX700	Cisco TelePresence MX700	Y	SIP	**Button** **Feature** **Label** 1 Line Line
Standard Cisco TelePresence MX800	Cisco TelePresence MX800	Y	SIP	**Button** **Feature** **Label** 1 Line Line
Standard Cisco TelePresence MX800 Dual	Cisco TelePresence MX800 Dual	Y	SIP	**Button** **Feature** **Label** 1 Line Line
Standard Cisco TelePresence Profile 42 (C20)	Cisco TelePresence Profile 42 (C20)	Y	SIP	**Button** **Feature** **Label** 1 Line Line
Standard Cisco TelePresence Profile 42 (C40)	Cisco TelePresence Profile 42 (C40)	Y	SIP	**Button** **Feature** **Label** 1 Line Line
Standard Cisco TelePresence Profile 42 (C60)	Cisco TelePresence Profile 42 (C60)	Y	SIP	**Button** **Feature** **Label** 1 Line Line
Standard Cisco TelePresence Profile 52 (C40)	Cisco TelePresence Profile 52 (C40)	Y	SIP	**Button** **Feature** **Label** 1 Line Line
Standard Cisco TelePresence Profile 52 (C60)	Cisco TelePresence	Y	SIP	**Button** **Feature** **Label**

Phone Button Template				
Name	**Model**	**IsStandard**	**Protocol**	**Button Information**
	Profile 52 (C60)			1 Line Line
Standard Cisco TelePresence Profile 52 Dual (C60)	Cisco TelePresence Profile 52 Dual (C60)	Y	SIP	**Button** **Feature** **Label** 1 Line Line
Standard Cisco TelePresence Profile 65 (C60)	Cisco TelePresence Profile 65 (C60)	Y	SIP	**Button** **Feature** **Label** 1 Line Line
Standard Cisco TelePresence Profile 65 Dual (C90)	Cisco TelePresence Profile 65 Dual (C90)	Y	SIP	**Button** **Feature** **Label** 1 Line Line
Standard Cisco TelePresence Quick Set C20	Cisco TelePresence Quick Set C20	Y	SIP	**Button** **Feature** **Label** 1 Line Line
Standard Cisco TelePresence SX10	Cisco TelePresence SX10	Y	SIP	**Button** **Feature** **Label** 1 Line Line
Standard Cisco TelePresence SX20	Cisco TelePresence SX20	Y	SIP	**Button** **Feature** **Label** 1 Line Line
Standard Cisco TelePresence SX80	Cisco TelePresence SX80	Y	SIP	**Button** **Feature** **Label** 1 Line Line
Standard Cisco Unified Mobile Communicator	Cisco Unified Mobile Communicator	Y	Mobile Smart Client	**Button** **Feature** **Label** 1 Line Line 1 2 Line Line 2
Standard Cisco VXC 6215	Cisco VXC 6215	Y	SIP	**Button** **Feature** **Label** 1 Line Line
Standard Cisco Webex DX80	Cisco Webex DX80	Y	SIP	**Button** **Feature** **Label** 1 Line Line
Standard Cisco Webex Room 55	Cisco Webex Room 55	Y	SIP	**Button** **Feature** **Label** 1 Line Line
Standard Cisco Webex Room 55 Dual	Cisco Webex Room 55 Dual	Y	SIP	**Button** **Feature** **Label** 1 Line Line
Standard Cisco Webex Room 70 Dual	Cisco Webex Room 70 Dual	Y	SIP	**Button** **Feature** **Label** 1 Line Line
Standard Cisco Webex Room 70 Dual G2	Cisco Webex Room 70 Dual G2	Y	SIP	**Button** **Feature** **Label** 1 Line Line
Standard Cisco Webex Room 70 Single	Cisco Webex Room 70 Single	Y	SIP	**Button** **Feature** **Label** 1 Line Line
Standard Cisco Webex Room 70 Single G2	Cisco Webex Room 70 Single G2	Y	SIP	**Button** **Feature** **Label** 1 Line Line
Standard Cisco Webex Room Kit	Cisco Webex Room Kit	Y	SIP	**Button** **Feature** **Label** 1 Line Line
Standard Cisco Webex Room Kit Plus	Cisco Webex Room Kit Plus	Y	SIP	**Button** **Feature** **Label** 1 Line Line
Standard Cisco Webex Room Kit Pro	Cisco Webex Room Kit Pro	Y	SIP	**Button** **Feature** **Label** 1 Line Line

Phone Button Template

Name	Model	IsStandard	Protocol	Button Information
Standard Cius SIP	Cisco Cius	Y	SIP	
Standard Cius SP SIP	Cisco Cius SP	Y	SIP	
Standard Client Services Framework	Cisco Unified Client Services Framework	Y	SIP	
Standard Communications for RTX	Cisco Unified Communications for RTX	Y	SIP	
Standard Dual Mode for Android	Cisco Dual Mode for Android	Y	SIP	
Standard Dual Mode for iPhone	Cisco Dual Mode for iPhone	Y	SIP	
Standard E20	Cisco E20	Y	SIP	
Standard IMS-integrated Mobile (Basic)	IMS-integrated Mobile (Basic)	Y	SIP	
Standard IP-STE	IP-STE	Y	SCCP	
Standard Jabber for Tablet	Cisco Jabber for Tablet	Y	SIP	
Standard Nokia S60 SCCP	Nokia S60	Y	SCCP	
Standard S3	Transnova S3	Y	SIP	

Standard Cius SIP

Button	Feature	Label
1	Line	Line1
2	Line	Line2
3	Speed Dial	Speed Dial 1
4	Speed Dial	Speed Dial 2
5	Speed Dial	Speed Dial 3
6	Speed Dial	Speed Dial 4

Standard Cius SP SIP

Button	Feature	Label
1	Line	Line1
2	Line	Line2
3	Speed Dial	Speed Dial 1
4	Speed Dial	Speed Dial 2
5	Speed Dial	Speed Dial 3
6	Speed Dial	Speed Dial 4

Standard Client Services Framework

Button	Feature	Label
1	Line	Line
2	Line	Line
3	Line	Line
4	Line	Line
5	Line	Line
6	Line	Line
7	Line	Line
8	Line	Line

Standard Communications for RTX

Button	Feature	Label
1	Line	Line

Standard Dual Mode for Android

Button	Feature	Label
1	Line	Line

Standard Dual Mode for iPhone

Button	Feature	Label
1	Line	Line

Standard E20

Button	Feature	Label
1	Line	Line

Standard IMS-integrated Mobile (Basic)

Button	Feature	Label
1	Line	Line

Standard IP-STE

Button	Feature	Label
1	Line	Line
2	None	None

Standard Jabber for Tablet

Button	Feature	Label
1	Line	Line

Standard Nokia S60 SCCP

Button	Feature	Label
1	Line	Line
2	Line	Line

Standard S3

Button	Feature	Label
1	Line	Line
2	Line	Line
3	Line	Line

Phone Button Template

Name	Model	IsStandard	Protocol	Button Information
				4 | Line | Line
Standard Unified Communicator SIP	Cisco Unified Personal Communicator	Y	SIP	Button: 1, Feature: Line, Label: Line
Standard Usage Profile	Usage Profile	Y	SCCP	Button: 1, Feature: Line, Label: Line 1 Button: 2, Feature: Line, Label: Line 2 Button: 3, Feature: Speed Dial, Label: Speed Dial 1 Button: 4, Feature: Speed Dial, Label: Speed Dial 2 Button: 5, Feature: Speed Dial, Label: Speed Dial 3 Button: 6, Feature: Speed Dial, Label: Speed Dial 4 Button: 7, Feature: Speed Dial, Label: Speed Dial 5 Button: 8, Feature: Speed Dial, Label: Speed Dial 6 Button: 9, Feature: Speed Dial, Label: Speed Dial 7 Button: 10, Feature: Speed Dial, Label: Speed Dial 8 Button: 11, Feature: Speed Dial, Label: Speed Dial 9 Button: 12, Feature: Speed Dial, Label: Speed Dial 10
Standard VGC Phone	Cisco VGC Phone	Y	SCCP	Button: 1, Feature: Line, Label: Line 1 Button: 2, Feature: Speed Dial, Label: Speed Dial 1 Button: 3, Feature: Speed Dial, Label: Speed Dial 2 Button: 4, Feature: Speed Dial, Label: Speed Dial 3 Button: 5, Feature: Speed Dial, Label: Speed Dial 4 Button: 6, Feature: Speed Dial, Label: Speed Dial 5 Button: 7, Feature: Speed Dial, Label: Speed Dial 6 Button: 8, Feature: Speed Dial, Label: Speed Dial 7 Button: 9, Feature: Speed Dial, Label: Speed Dial 8 Button: 10, Feature: Speed Dial, Label: Speed Dial 9
Standard Webex Room Kit Mini SIP	Cisco Webex Room Kit Mini	Y	SIP	Button: 1, Feature: Line, Label: Line
StandardCN622	Motorola CN622	Y	Static SIP Mobile Subscriber	Button: 1, Feature: None, Label: None Button: 2, Feature: None, Label: None Button: 3, Feature: None, Label: None Button: 4, Feature: None, Label: None Button: 5, Feature: None, Label: None Button: 6, Feature: None, Label: None
Standard_Cisco_TelePresence	Cisco TelePresence	Y	SIP	Button: 1, Feature: Line, Label: Line Button: 2, Feature: Line, Label: Line Button: 3, Feature: Speed Dial, Label: Speed Dial 1 Button: 4, Feature: Speed Dial, Label: Speed Dial 2 Button: 5, Feature: Speed Dial, Label: Speed Dial 3 Button: 6, Feature: Speed Dial, Label: Speed Dial 4 Button: 7, Feature: Speed Dial, Label: Speed Dial 5 Button: 8, Feature: Speed Dial, Label: Speed Dial 6 Button: 9, Feature: Speed Dial, Label: Speed Dial 7 Button: 10, Feature: Speed Dial, Label: Speed Dial 8

Phone Button Template				
Name	**Model**	**IsStandard**	**Protocol**	**Button Information**

11	Speed Dial	Speed Dial 9
12	Speed Dial	Speed Dial 10
13	Speed Dial	Speed Dial 11
14	Speed Dial	Speed Dial 12
15	Speed Dial	Speed Dial 13
16	Speed Dial	Speed Dial 14
17	Speed Dial	Speed Dial 15
18	Speed Dial	Speed Dial 16
19	Speed Dial	Speed Dial 17
20	Speed Dial	Speed Dial 18
21	Speed Dial	Speed Dial 19
22	Speed Dial	Speed Dial 20
23	Speed Dial	Speed Dial 21
24	Speed Dial	Speed Dial 22
25	Speed Dial	Speed Dial 23
26	Speed Dial	Speed Dial 24
27	Speed Dial	Speed Dial 25
28	Speed Dial	Speed Dial 26
29	Speed Dial	Speed Dial 27
30	Speed Dial	Speed Dial 28
31	Speed Dial	Speed Dial 29
32	Speed Dial	Speed Dial 30
33	Speed Dial	Speed Dial 31
34	Speed Dial	Speed Dial 32
35	Speed Dial	Speed Dial 33
36	Speed Dial	Speed Dial 34
37	Speed Dial	Speed Dial 35
38	Speed Dial	Speed Dial 36
39	Speed Dial	Speed Dial 37
40	Speed Dial	Speed Dial 38
41	Speed Dial	Speed Dial 39
42	Speed Dial	Speed Dial 40

Standard_Cisco_TelePresence_1000	Cisco TelePresence 1000	Y	SIP	

Button	Feature	Label
1	Line	Line
2	Line	Line
3	Speed Dial	Speed Dial 1
4	Speed Dial	Speed Dial 2
5	Speed Dial	Speed Dial 3
6	Speed Dial	Speed Dial 4
7	Speed Dial	Speed Dial 5
8	Speed Dial	Speed Dial 6
9	Speed Dial	Speed Dial 7
10	Speed Dial	Speed Dial 8
11	Speed Dial	Speed Dial 9
12	Speed Dial	Speed Dial 10
13	Speed Dial	Speed Dial 11
14	Speed Dial	Speed Dial 12
15	Speed Dial	Speed Dial 13

Phone Button Template

Name	Model	IsStandard	Protocol	Button Information		
				16	Speed Dial	Speed Dial 14
				17	Speed Dial	Speed Dial 15
				18	Speed Dial	Speed Dial 16
				19	Speed Dial	Speed Dial 17
				20	Speed Dial	Speed Dial 18
				21	Speed Dial	Speed Dial 19
				22	Speed Dial	Speed Dial 20
				23	Speed Dial	Speed Dial 21
				24	Speed Dial	Speed Dial 22
				25	Speed Dial	Speed Dial 23
				26	Speed Dial	Speed Dial 24
				27	Speed Dial	Speed Dial 25
				28	Speed Dial	Speed Dial 26
				29	Speed Dial	Speed Dial 27
				30	Speed Dial	Speed Dial 28
				31	Speed Dial	Speed Dial 29
				32	Speed Dial	Speed Dial 30
				33	Speed Dial	Speed Dial 31
				34	Speed Dial	Speed Dial 32
				35	Speed Dial	Speed Dial 33
				36	Speed Dial	Speed Dial 34
				37	Speed Dial	Speed Dial 35
				38	Speed Dial	Speed Dial 36
				39	Speed Dial	Speed Dial 37
				40	Speed Dial	Speed Dial 38
				41	Speed Dial	Speed Dial 39
				42	Speed Dial	Speed Dial 40
Standard_Cisco_TelePresence_1100	Cisco TelePresence 1100	Y	SIP	**Button**	**Feature**	**Label**
				1	Line	Line
				2	Line	Line
				3	Speed Dial	Speed Dial 1
				4	Speed Dial	Speed Dial 2
				5	Speed Dial	Speed Dial 3
				6	Speed Dial	Speed Dial 4
				7	Speed Dial	Speed Dial 5
				8	Speed Dial	Speed Dial 6
				9	Speed Dial	Speed Dial 7
				10	Speed Dial	Speed Dial 8
				11	Speed Dial	Speed Dial 9
				12	Speed Dial	Speed Dial 10
				13	Speed Dial	Speed Dial 11
				14	Speed Dial	Speed Dial 12
				15	Speed Dial	Speed Dial 13
				16	Speed Dial	Speed Dial 14
				17	Speed Dial	Speed Dial 15
				18	Speed Dial	Speed Dial 16
				19	Speed Dial	Speed Dial 17
				20	Speed Dial	Speed Dial 18

Phone Button Template

Name	Model	IsStandard	Protocol	Button Information
				21 Speed Dial Speed Dial 19 22 Speed Dial Speed Dial 20 23 Speed Dial Speed Dial 21 24 Speed Dial Speed Dial 22 25 Speed Dial Speed Dial 23 26 Speed Dial Speed Dial 24 27 Speed Dial Speed Dial 25 28 Speed Dial Speed Dial 26 29 Speed Dial Speed Dial 27 30 Speed Dial Speed Dial 28 31 Speed Dial Speed Dial 29 32 Speed Dial Speed Dial 30 33 Speed Dial Speed Dial 31 34 Speed Dial Speed Dial 32 35 Speed Dial Speed Dial 33 36 Speed Dial Speed Dial 34 37 Speed Dial Speed Dial 35 38 Speed Dial Speed Dial 36 39 Speed Dial Speed Dial 37 40 Speed Dial Speed Dial 38 41 Speed Dial Speed Dial 39 42 Speed Dial Speed Dial 40
Standard_Cisco_TelePresence_1300	Cisco TelePresence 1300-65	Y	SIP	Button Feature Label 1 Line Line 2 Line Line 3 Speed Dial Speed Dial 1 4 Speed Dial Speed Dial 2 5 Speed Dial Speed Dial 3 6 Speed Dial Speed Dial 4 7 Speed Dial Speed Dial 5 8 Speed Dial Speed Dial 6 9 Speed Dial Speed Dial 7 10 Speed Dial Speed Dial 8 11 Speed Dial Speed Dial 9 12 Speed Dial Speed Dial 10 13 Speed Dial Speed Dial 11 14 Speed Dial Speed Dial 12 15 Speed Dial Speed Dial 13 16 Speed Dial Speed Dial 14 17 Speed Dial Speed Dial 15 18 Speed Dial Speed Dial 16 19 Speed Dial Speed Dial 17 20 Speed Dial Speed Dial 18 21 Speed Dial Speed Dial 19 22 Speed Dial Speed Dial 20 23 Speed Dial Speed Dial 21 24 Speed Dial Speed Dial 22 25 Speed Dial Speed Dial 23

Phone Button Template				
Name	**Model**	**IsStandard**	**Protocol**	**Button Information**
				26 Speed Dial Speed Dial 24 27 Speed Dial Speed Dial 25 28 Speed Dial Speed Dial 26 29 Speed Dial Speed Dial 27 30 Speed Dial Speed Dial 28 31 Speed Dial Speed Dial 29 32 Speed Dial Speed Dial 30 33 Speed Dial Speed Dial 31 34 Speed Dial Speed Dial 32 35 Speed Dial Speed Dial 33 36 Speed Dial Speed Dial 34 37 Speed Dial Speed Dial 35 38 Speed Dial Speed Dial 36 39 Speed Dial Speed Dial 37 40 Speed Dial Speed Dial 38 41 Speed Dial Speed Dial 39 42 Speed Dial Speed Dial 40
Standard_Cisco_TelePresence_1300-47	Cisco TelePresence 1300-47	Y	SIP	**Button / Feature / Label** 1 Line Line 2 Line Line 3 Speed Dial Speed Dial 1 4 Speed Dial Speed Dial 2 5 Speed Dial Speed Dial 3 6 Speed Dial Speed Dial 4 7 Speed Dial Speed Dial 5 8 Speed Dial Speed Dial 6 9 Speed Dial Speed Dial 7 10 Speed Dial Speed Dial 8 11 Speed Dial Speed Dial 9 12 Speed Dial Speed Dial 10 13 Speed Dial Speed Dial 11 14 Speed Dial Speed Dial 12 15 Speed Dial Speed Dial 13 16 Speed Dial Speed Dial 14 17 Speed Dial Speed Dial 15 18 Speed Dial Speed Dial 16 19 Speed Dial Speed Dial 17 20 Speed Dial Speed Dial 18 21 Speed Dial Speed Dial 19 22 Speed Dial Speed Dial 20 23 Speed Dial Speed Dial 21 24 Speed Dial Speed Dial 22 25 Speed Dial Speed Dial 23 26 Speed Dial Speed Dial 24 27 Speed Dial Speed Dial 25 28 Speed Dial Speed Dial 26 29 Speed Dial Speed Dial 27 30 Speed Dial Speed Dial 28

Phone Button Template

Name	Model	IsStandard	Protocol	Button Information		
				31	Speed Dial	Speed Dial 29
				32	Speed Dial	Speed Dial 30
				33	Speed Dial	Speed Dial 31
				34	Speed Dial	Speed Dial 32
				35	Speed Dial	Speed Dial 33
				36	Speed Dial	Speed Dial 34
				37	Speed Dial	Speed Dial 35
				38	Speed Dial	Speed Dial 36
				39	Speed Dial	Speed Dial 37
				40	Speed Dial	Speed Dial 38
				41	Speed Dial	Speed Dial 39
				42	Speed Dial	Speed Dial 40
Standard_Cisco_TelePresence_1310-65	Cisco TelePresence TX1310-65	Y	SIP	**Button**	**Feature**	**Label**
				1	Line	Line
				2	Line	Line
				3	Speed Dial	Speed Dial 1
				4	Speed Dial	Speed Dial 2
				5	Speed Dial	Speed Dial 3
				6	Speed Dial	Speed Dial 4
				7	Speed Dial	Speed Dial 5
				8	Speed Dial	Speed Dial 6
				9	Speed Dial	Speed Dial 7
				10	Speed Dial	Speed Dial 8
				11	Speed Dial	Speed Dial 9
				12	Speed Dial	Speed Dial 10
				13	Speed Dial	Speed Dial 11
				14	Speed Dial	Speed Dial 12
				15	Speed Dial	Speed Dial 13
				16	Speed Dial	Speed Dial 14
				17	Speed Dial	Speed Dial 15
				18	Speed Dial	Speed Dial 16
				19	Speed Dial	Speed Dial 17
				20	Speed Dial	Speed Dial 18
				21	Speed Dial	Speed Dial 19
				22	Speed Dial	Speed Dial 20
				23	Speed Dial	Speed Dial 21
				24	Speed Dial	Speed Dial 22
				25	Speed Dial	Speed Dial 23
				26	Speed Dial	Speed Dial 24
				27	Speed Dial	Speed Dial 25
				28	Speed Dial	Speed Dial 26
				29	Speed Dial	Speed Dial 27
				30	Speed Dial	Speed Dial 28
				31	Speed Dial	Speed Dial 29
				32	Speed Dial	Speed Dial 30
				33	Speed Dial	Speed Dial 31
				34	Speed Dial	Speed Dial 32
				35	Speed Dial	Speed Dial 33

Phone Button Template

Name	Model	IsStandard	Protocol	Button Information		
				36	Speed Dial	Speed Dial 34
				37	Speed Dial	Speed Dial 35
				38	Speed Dial	Speed Dial 36
				39	Speed Dial	Speed Dial 37
				40	Speed Dial	Speed Dial 38
				41	Speed Dial	Speed Dial 39
				42	Speed Dial	Speed Dial 40
Standard_Cisco_TelePresence_200	Cisco TelePresence 200	Y	SIP	**Button**	**Feature**	**Label**
				1	Line	Line
				2	Line	Line
				3	Speed Dial	Speed Dial 1
				4	Speed Dial	Speed Dial 2
				5	Speed Dial	Speed Dial 3
				6	Speed Dial	Speed Dial 4
				7	Speed Dial	Speed Dial 5
				8	Speed Dial	Speed Dial 6
				9	Speed Dial	Speed Dial 7
				10	Speed Dial	Speed Dial 8
				11	Speed Dial	Speed Dial 9
				12	Speed Dial	Speed Dial 10
				13	Speed Dial	Speed Dial 11
				14	Speed Dial	Speed Dial 12
				15	Speed Dial	Speed Dial 13
				16	Speed Dial	Speed Dial 14
				17	Speed Dial	Speed Dial 15
				18	Speed Dial	Speed Dial 16
				19	Speed Dial	Speed Dial 17
				20	Speed Dial	Speed Dial 18
				21	Speed Dial	Speed Dial 19
				22	Speed Dial	Speed Dial 20
				23	Speed Dial	Speed Dial 21
				24	Speed Dial	Speed Dial 22
				25	Speed Dial	Speed Dial 23
				26	Speed Dial	Speed Dial 24
				27	Speed Dial	Speed Dial 25
				28	Speed Dial	Speed Dial 26
				29	Speed Dial	Speed Dial 27
				30	Speed Dial	Speed Dial 28
				31	Speed Dial	Speed Dial 29
				32	Speed Dial	Speed Dial 30
				33	Speed Dial	Speed Dial 31
				34	Speed Dial	Speed Dial 32
				35	Speed Dial	Speed Dial 33
				36	Speed Dial	Speed Dial 34
				37	Speed Dial	Speed Dial 35
				38	Speed Dial	Speed Dial 36
				39	Speed Dial	Speed Dial 37
				40	Speed Dial	Speed Dial 38

Phone Button Template

Name	Model	IsStandard	Protocol	Button Information		
				41	Speed Dial	Speed Dial 39
				42	Speed Dial	Speed Dial 40
Standard_Cisco_TelePresence_3000	Cisco TelePresence 3000	Y	SIP	**Button**	**Feature**	**Label**
				1	Line	Line
				2	Line	Line
				3	Speed Dial	Speed Dial 1
				4	Speed Dial	Speed Dial 2
				5	Speed Dial	Speed Dial 3
				6	Speed Dial	Speed Dial 4
				7	Speed Dial	Speed Dial 5
				8	Speed Dial	Speed Dial 6
				9	Speed Dial	Speed Dial 7
				10	Speed Dial	Speed Dial 8
				11	Speed Dial	Speed Dial 9
				12	Speed Dial	Speed Dial 10
				13	Speed Dial	Speed Dial 11
				14	Speed Dial	Speed Dial 12
				15	Speed Dial	Speed Dial 13
				16	Speed Dial	Speed Dial 14
				17	Speed Dial	Speed Dial 15
				18	Speed Dial	Speed Dial 16
				19	Speed Dial	Speed Dial 17
				20	Speed Dial	Speed Dial 18
				21	Speed Dial	Speed Dial 19
				22	Speed Dial	Speed Dial 20
				23	Speed Dial	Speed Dial 21
				24	Speed Dial	Speed Dial 22
				25	Speed Dial	Speed Dial 23
				26	Speed Dial	Speed Dial 24
				27	Speed Dial	Speed Dial 25
				28	Speed Dial	Speed Dial 26
				29	Speed Dial	Speed Dial 27
				30	Speed Dial	Speed Dial 28
				31	Speed Dial	Speed Dial 29
				32	Speed Dial	Speed Dial 30
				33	Speed Dial	Speed Dial 31
				34	Speed Dial	Speed Dial 32
				35	Speed Dial	Speed Dial 33
				36	Speed Dial	Speed Dial 34
				37	Speed Dial	Speed Dial 35
				38	Speed Dial	Speed Dial 36
				39	Speed Dial	Speed Dial 37
				40	Speed Dial	Speed Dial 38
				41	Speed Dial	Speed Dial 39
				42	Speed Dial	Speed Dial 40
Standard_Cisco_TelePresence_3200	Cisco TelePresence 3200	Y	SIP	**Button**	**Feature**	**Label**
				1	Line	Line
				2	Line	Line

Phone Button Template

Name	Model	IsStandard	Protocol	Button Information		
				3	Speed Dial	Speed Dial 1
				4	Speed Dial	Speed Dial 2
				5	Speed Dial	Speed Dial 3
				6	Speed Dial	Speed Dial 4
				7	Speed Dial	Speed Dial 5
				8	Speed Dial	Speed Dial 6
				9	Speed Dial	Speed Dial 7
				10	Speed Dial	Speed Dial 8
				11	Speed Dial	Speed Dial 9
				12	Speed Dial	Speed Dial 10
				13	Speed Dial	Speed Dial 11
				14	Speed Dial	Speed Dial 12
				15	Speed Dial	Speed Dial 13
				16	Speed Dial	Speed Dial 14
				17	Speed Dial	Speed Dial 15
				18	Speed Dial	Speed Dial 16
				19	Speed Dial	Speed Dial 17
				20	Speed Dial	Speed Dial 18
				21	Speed Dial	Speed Dial 19
				22	Speed Dial	Speed Dial 20
				23	Speed Dial	Speed Dial 21
				24	Speed Dial	Speed Dial 22
				25	Speed Dial	Speed Dial 23
				26	Speed Dial	Speed Dial 24
				27	Speed Dial	Speed Dial 25
				28	Speed Dial	Speed Dial 26
				29	Speed Dial	Speed Dial 27
				30	Speed Dial	Speed Dial 28
				31	Speed Dial	Speed Dial 29
				32	Speed Dial	Speed Dial 30
				33	Speed Dial	Speed Dial 31
				34	Speed Dial	Speed Dial 32
				35	Speed Dial	Speed Dial 33
				36	Speed Dial	Speed Dial 34
				37	Speed Dial	Speed Dial 35
				38	Speed Dial	Speed Dial 36
				39	Speed Dial	Speed Dial 37
				40	Speed Dial	Speed Dial 38
				41	Speed Dial	Speed Dial 39
				42	Speed Dial	Speed Dial 40
Standard_Cisco_TelePresence_400	Cisco TelePresence 400	Y	SIP	**Button**	**Feature**	**Label**
				1	Line	Line
				2	Line	Line
				3	Speed Dial	Speed Dial 1
				4	Speed Dial	Speed Dial 2
				5	Speed Dial	Speed Dial 3
				6	Speed Dial	Speed Dial 4
				7	Speed Dial	Speed Dial 5

Phone Button Template				
Name	**Model**	**IsStandard**	**Protocol**	**Button Information**
				8 Speed Dial Speed Dial 6 9 Speed Dial Speed Dial 7 10 Speed Dial Speed Dial 8 11 Speed Dial Speed Dial 9 12 Speed Dial Speed Dial 10 13 Speed Dial Speed Dial 11 14 Speed Dial Speed Dial 12 15 Speed Dial Speed Dial 13 16 Speed Dial Speed Dial 14 17 Speed Dial Speed Dial 15 18 Speed Dial Speed Dial 16 19 Speed Dial Speed Dial 17 20 Speed Dial Speed Dial 18 21 Speed Dial Speed Dial 19 22 Speed Dial Speed Dial 20 23 Speed Dial Speed Dial 21 24 Speed Dial Speed Dial 22 25 Speed Dial Speed Dial 23 26 Speed Dial Speed Dial 24 27 Speed Dial Speed Dial 25 28 Speed Dial Speed Dial 26 29 Speed Dial Speed Dial 27 30 Speed Dial Speed Dial 28 31 Speed Dial Speed Dial 29 32 Speed Dial Speed Dial 30 33 Speed Dial Speed Dial 31 34 Speed Dial Speed Dial 32 35 Speed Dial Speed Dial 33 36 Speed Dial Speed Dial 34 37 Speed Dial Speed Dial 35 38 Speed Dial Speed Dial 36 39 Speed Dial Speed Dial 37 40 Speed Dial Speed Dial 38 41 Speed Dial Speed Dial 39 42 Speed Dial Speed Dial 40
Standard_Cisco_TelePresence_500	Cisco TelePresence 500-37	Y	SIP	**Button** **Feature** **Label** 1 Line Line 2 Line Line 3 Speed Dial Speed Dial 1 4 Speed Dial Speed Dial 2 5 Speed Dial Speed Dial 3 6 Speed Dial Speed Dial 4 7 Speed Dial Speed Dial 5 8 Speed Dial Speed Dial 6 9 Speed Dial Speed Dial 7 10 Speed Dial Speed Dial 8 11 Speed Dial Speed Dial 9 12 Speed Dial Speed Dial 10

Phone Button Template				
Name	**Model**	**IsStandard**	**Protocol**	**Button Information**
				13 Speed Dial Speed Dial 11 14 Speed Dial Speed Dial 12 15 Speed Dial Speed Dial 13 16 Speed Dial Speed Dial 14 17 Speed Dial Speed Dial 15 18 Speed Dial Speed Dial 16 19 Speed Dial Speed Dial 17 20 Speed Dial Speed Dial 18 21 Speed Dial Speed Dial 19 22 Speed Dial Speed Dial 20 23 Speed Dial Speed Dial 21 24 Speed Dial Speed Dial 22 25 Speed Dial Speed Dial 23 26 Speed Dial Speed Dial 24 27 Speed Dial Speed Dial 25 28 Speed Dial Speed Dial 26 29 Speed Dial Speed Dial 27 30 Speed Dial Speed Dial 28 31 Speed Dial Speed Dial 29 32 Speed Dial Speed Dial 30 33 Speed Dial Speed Dial 31 34 Speed Dial Speed Dial 32 35 Speed Dial Speed Dial 33 36 Speed Dial Speed Dial 34 37 Speed Dial Speed Dial 35 38 Speed Dial Speed Dial 36 39 Speed Dial Speed Dial 37 40 Speed Dial Speed Dial 38 41 Speed Dial Speed Dial 39 42 Speed Dial Speed Dial 40
Standard_Cisco_TelePresence_500-32	Cisco TelePresence 500-32	Y	SIP	**Button** **Feature** **Label** 1 Line Line 2 Line Line 3 Speed Dial Speed Dial 1 4 Speed Dial Speed Dial 2 5 Speed Dial Speed Dial 3 6 Speed Dial Speed Dial 4 7 Speed Dial Speed Dial 5 8 Speed Dial Speed Dial 6 9 Speed Dial Speed Dial 7 10 Speed Dial Speed Dial 8 11 Speed Dial Speed Dial 9 12 Speed Dial Speed Dial 10 13 Speed Dial Speed Dial 11 14 Speed Dial Speed Dial 12 15 Speed Dial Speed Dial 13 16 Speed Dial Speed Dial 14 17 Speed Dial Speed Dial 15

Phone Button Template

Name	Model	IsStandard	Protocol	Button Information		
				18	Speed Dial	Speed Dial 16
				19	Speed Dial	Speed Dial 17
				20	Speed Dial	Speed Dial 18
				21	Speed Dial	Speed Dial 19
				22	Speed Dial	Speed Dial 20
				23	Speed Dial	Speed Dial 21
				24	Speed Dial	Speed Dial 22
				25	Speed Dial	Speed Dial 23
				26	Speed Dial	Speed Dial 24
				27	Speed Dial	Speed Dial 25
				28	Speed Dial	Speed Dial 26
				29	Speed Dial	Speed Dial 27
				30	Speed Dial	Speed Dial 28
				31	Speed Dial	Speed Dial 29
				32	Speed Dial	Speed Dial 30
				33	Speed Dial	Speed Dial 31
				34	Speed Dial	Speed Dial 32
				35	Speed Dial	Speed Dial 33
				36	Speed Dial	Speed Dial 34
				37	Speed Dial	Speed Dial 35
				38	Speed Dial	Speed Dial 36
				39	Speed Dial	Speed Dial 37
				40	Speed Dial	Speed Dial 38
				41	Speed Dial	Speed Dial 39
				42	Speed Dial	Speed Dial 40
Standard_Cisco_TelePresence_TX9000	Cisco TelePresence TX9000	Y	SIP	**Button**	**Feature**	**Label**
				1	Line	Line
				2	Line	Line
				3	Speed Dial	Speed Dial 1
				4	Speed Dial	Speed Dial 2
				5	Speed Dial	Speed Dial 3
				6	Speed Dial	Speed Dial 4
				7	Speed Dial	Speed Dial 5
				8	Speed Dial	Speed Dial 6
				9	Speed Dial	Speed Dial 7
				10	Speed Dial	Speed Dial 8
				11	Speed Dial	Speed Dial 9
				12	Speed Dial	Speed Dial 10
				13	Speed Dial	Speed Dial 11
				14	Speed Dial	Speed Dial 12
				15	Speed Dial	Speed Dial 13
				16	Speed Dial	Speed Dial 14
				17	Speed Dial	Speed Dial 15
				18	Speed Dial	Speed Dial 16
				19	Speed Dial	Speed Dial 17
				20	Speed Dial	Speed Dial 18
				21	Speed Dial	Speed Dial 19
				22	Speed Dial	Speed Dial 20

Phone Button Template				
Name	**Model**	**IsStandard**	**Protocol**	**Button Information**

23	Speed Dial	Speed Dial 21
24	Speed Dial	Speed Dial 22
25	Speed Dial	Speed Dial 23
26	Speed Dial	Speed Dial 24
27	Speed Dial	Speed Dial 25
28	Speed Dial	Speed Dial 26
29	Speed Dial	Speed Dial 27
30	Speed Dial	Speed Dial 28
31	Speed Dial	Speed Dial 29
32	Speed Dial	Speed Dial 30
33	Speed Dial	Speed Dial 31
34	Speed Dial	Speed Dial 32
35	Speed Dial	Speed Dial 33
36	Speed Dial	Speed Dial 34
37	Speed Dial	Speed Dial 35
38	Speed Dial	Speed Dial 36
39	Speed Dial	Speed Dial 37
40	Speed Dial	Speed Dial 38
41	Speed Dial	Speed Dial 39
42	Speed Dial	Speed Dial 40

Name	Model	IsStandard	Protocol	Button Information
Standard_Cisco_TelePresence_TX9200	Cisco TelePresence TX9200	Y	SIP	

Button	Feature	Label
1	Line	Line
2	Line	Line
3	Speed Dial	Speed Dial 1
4	Speed Dial	Speed Dial 2
5	Speed Dial	Speed Dial 3
6	Speed Dial	Speed Dial 4
7	Speed Dial	Speed Dial 5
8	Speed Dial	Speed Dial 6
9	Speed Dial	Speed Dial 7
10	Speed Dial	Speed Dial 8
11	Speed Dial	Speed Dial 9
12	Speed Dial	Speed Dial 10
13	Speed Dial	Speed Dial 11
14	Speed Dial	Speed Dial 12
15	Speed Dial	Speed Dial 13
16	Speed Dial	Speed Dial 14
17	Speed Dial	Speed Dial 15
18	Speed Dial	Speed Dial 16
19	Speed Dial	Speed Dial 17
20	Speed Dial	Speed Dial 18
21	Speed Dial	Speed Dial 19
22	Speed Dial	Speed Dial 20
23	Speed Dial	Speed Dial 21
24	Speed Dial	Speed Dial 22
25	Speed Dial	Speed Dial 23
26	Speed Dial	Speed Dial 24
27	Speed Dial	Speed Dial 25

Phone Button Template

Name	Model	IsStandard	Protocol	Button Information
				28 Speed Dial Speed Dial 26 29 Speed Dial Speed Dial 27 30 Speed Dial Speed Dial 28 31 Speed Dial Speed Dial 29 32 Speed Dial Speed Dial 30 33 Speed Dial Speed Dial 31 34 Speed Dial Speed Dial 32 35 Speed Dial Speed Dial 33 36 Speed Dial Speed Dial 34 37 Speed Dial Speed Dial 35 38 Speed Dial Speed Dial 36 39 Speed Dial Speed Dial 37 40 Speed Dial Speed Dial 38 41 Speed Dial Speed Dial 39 42 Speed Dial Speed Dial 40
Third-party AS-SIP Endpoint	Third-party AS-SIP Endpoint	Y	SIP	Button Feature Label 1 Line Line 2 Line Line
Third-party SIP Device (Advanced)	Third-party SIP Device (Advanced)	Y	SIP	Button Feature Label 1 Line Line 2 Line Line 3 Line Line 4 Line Line 5 Line Line 6 Line Line 7 Line Line 8 Line Line
Third-party SIP Device (Basic)	Third-party SIP Device (Basic)	Y	SIP	Button Feature Label 1 Line Line 1
Universal Device Template Button Layout	Universal Device Template	Y	SIP	Button Feature Label 1 Line Line
7965 SIP with KEM 79XX	Cisco 7965	N	SIP	Button Feature Label 1 Line Line 2 Line Line 3 Speed Dial Speed Dial1 4 Speed Dial Speed Dial2 5 Speed Dial Speed Dial3 6 Speed Dial Speed Dial4 7 Redial Redial 8 Speed Dial Speed Dial 9 Hold Hold 10 Transfer Transfer 11 Forward All Forward All 12 Privacy Privacy 13 Call Park BLF Call Park BLF 14 Intercom Intercom 15 Malicious Call Malicious Call

Phone Button Template

Name	Model	IsStandard	Protocol	Button Information

	Identification	Identification
16	Meet Me Conference	Meet Me Conference
17	Conference	Conference
18	Call Park	Call Park
19	Call Pickup	Call Pickup
20	Do Not Disturb	Do Not Disturb
21	None	
22	None	
23	None	
24	None	
25	None	
26	None	
27	None	
28	None	
29	None	
30	None	
31	None	
32	None	
33	None	
34	None	
35	None	
36	None	
37	None	
38	None	
39	None	
40	None	
41	None	
42	None	
43	None	
44	None	
45	None	
46	None	
47	None	
48	None	
49	None	
50	None	
51	None	
52	None	
53	None	
54	None	

Name	Model	IsStandard	Protocol	Button Information
7975 SIP with KEM 79XX	Cisco 7965	N	SIP	

Button	Feature	Label
1	Line	Line
2	Line	Line
3	Speed Dial	Speed Dial1
4	Speed Dial	Speed Dial2
5	Speed Dial	Speed Dial3
6	Speed Dial	Speed Dial4
7	Redial	Redial

Phone Button Template				
Name	**Model**	**IsStandard**	**Protocol**	**Button Information**

8	Speed Dial	Speed Dial
9	Hold	Hold
10	Transfer	Transfer
11	Forward All	Forward All
12	Privacy	Privacy
13	Call Park BLF	Call Park BLF
14	Intercom	Intercom
15	Malicious Call Identification	Malicious Call Identification
16	Meet Me Conference	Meet Me Conference
17	Conference	Conference
18	Call Park	Call Park
19	Call Pickup	Call Pickup
20	Do Not Disturb	Do Not Disturb
21	None	
22	None	
23	None	
24	None	
25	None	
26	None	
27	None	
28	None	
29	None	
30	None	
31	None	
32	None	
33	None	
34	None	
35	None	
36	None	
37	None	
38	None	
39	None	
40	None	
41	None	
42	None	
43	None	
44	None	
45	None	
46	None	
47	None	
48	None	
49	None	
50	None	
51	None	
52	None	
53	None	
54	None	

8851 SIP with KEM	Cisco 8851	N	SIP	**Button** / **Feature** / **Label**

Phone Button Template						
Name	**Model**	**IsStandard**	**Protocol**	**Button Information**		
				1	Line	Line
				2	Line	Line
				3	Line	Line
				4	Line	Line
				5	Speed Dial	Speed Dial
				6	Speed Dial	Speed Dial
				7	Speed Dial	Speed Dial
				8	Speed Dial	Speed Dial
				9	Speed Dial	Speed Dial
				10	Speed Dial	Speed Dial
				11	None	
				12	Privacy	Privacy
				13	Service URL	Service URL
				14	Speed Dial BLF	Speed Dial BLF
				15	Call Park BLF	Call Park BLF
				16	Intercom	Intercom
				17	Malicious Call Identification	Malicious Call Identification
				18	Meet Me Conference	Meet Me Conference
				19	Call Park	Call Park
				20	Call Pickup	Call Pickup
				21	Group Call Pickup	Group Call Pickup
				22	Mobility	Mobility
				23	Do Not Disturb	Do Not Disturb
				24	Quality Reporting Tool	Quality Reporting Tool
				25	CallBack	CallBack
				26	Other Pickup	Other Pickup
				27	Hunt Group Logout	Hunt Group Logout
				28	None	
				29	None	
				30	None	
				31	None	
				32	None	
				33	None	
				34	None	
				35	None	
				36	None	
				37	None	
				38	None	
				39	None	
				40	None	
				41	None	
				42	None	
				43	None	
				44	None	
				45	Queue Status	Queue Status
				46	None	
				47	None	

Phone Button Template

Name	Model	IsStandard	Protocol	Button Information
				48 None 49 None 50 None 51 None 52 None 53 None 54 None 55 None 56 None 57 None 58 None 59 None 60 None 61 None 62 None 63 None 64 None 65 None 66 None 67 None 68 None 69 None 70 None 71 None 72 None 73 None 74 None 75 None 76 None 77 None 78 None 79 None 80 None 81 None 82 None
8865 SIP with Video KEM	Cisco 8865	N	SIP	Button Feature Label 1 Line Line 2 Line Line 3 Speed Dial Speed Dial 4 Speed Dial Speed Dial 5 Speed Dial Speed Dial 6 Speed Dial Speed Dial 7 Speed Dial Speed Dial 8 Speed Dial Speed Dial 9 Speed Dial Speed Dial 10 Speed Dial Speed Dial 11 None 12 None

Phone Button Template						
Name	**Model**	**IsStandard**	**Protocol**	**Button Information**		
				13	None	
				14	Call Park	Call Park
				15	Call Pickup	Call Pickup
				16	Do Not Disturb	Do Not Disturb
				17	CallBack	CallBack
				18	Speed Dial	Speed Dial
				19	None	
				20	None	
				21	None	
				22	None	
				23	None	
				24	None	
				25	None	
				26	None	
				27	None	
				28	None	
				29	None	
				30	None	
				31	None	
				32	None	
				33	None	
				34	Quality Reporting Tool	Quality Reporting Tool
				35	None	
				36	None	
				37	None	
				38	None	
				39	Meet Me Conference	Meet Me Conference
				40	None	
				41	None	
				42	None	
				43	None	
				44	None	
				45	None	
				46	None	
				47	None	
				48	None	
				49	None	
				50	Speed Dial	Speed Dial
				51	All Calls	All Calls
				52	None	
				53	None	
				54	None	
				55	None	
				56	None	
				57	None	
				58	None	
				59	None	
				60	None	

Phone Button Template						
Name	Model	IsStandard	Protocol	Button Information		
				61	None	
				62	Speed Dial	Speed Dial
				63	None	
				64	None	
				65	None	
				66	None	
				67	None	
				68	None	
				69	None	
				70	None	
				71	None	
				72	None	
				73	None	
				74	None	
				75	None	
				76	None	
				77	None	
				78	None	
				79	None	
				80	None	
				81	None	
				82	None	
				83	None	
				84	None	
				85	None	
				86	None	
				87	None	
				88	None	
				89	None	
				90	None	
				91	None	
				92	None	
				93	None	
				94	None	
				95	None	
				96	None	
				97	None	
				98	None	
				99	None	
				100	None	
				101	None	
				102	None	
				103	None	
				104	None	
				105	None	
				106	None	
				107	None	
				108	None	
				109	None	

Phone Button Template

Name	Model	IsStandard	Protocol	Button Information
				110 None 111 None 112 None 113 None 114 None 115 None 116 None 117 None 118 None
9971 SIP with C-KEM	Cisco 9971	N	SIP	

Button	Feature	Label
1	Line	Line1
2	Line	Line2
3	Speed Dial	Speed Dial 1
4	Speed Dial	Speed Dial 2
5	Speed Dial	Speed Dial 3
6	Speed Dial	Speed Dial 4
7	None	
8	None	
9	None	
10	None	
11	Meet Me Conference	Meet Me Conference
12	Call Park	Call Park
13	Call Pickup	Call Pickup
14	None	
15	None	
16	None	
17	None	
18	None	
19	None	
20	Speed Dial	Speed Dial
21	Speed Dial	Speed Dial
22	None	
23	None	
24	Speed Dial	Speed Dial
25	None	
26	None	
27	None	
28	None	
29	None	
30	Answer Oldest	Answer Oldest
31	All Calls	All Calls
32	CallBack	CallBack
33	None	
34	None	
35	None	
36	None	
37	None	
38	None	

Phone Button Template						
Name	**Model**	**IsStandard**	**Protocol**	**Button Information**		
				39	None	
				40	Speed Dial	Speed Dial
				41	None	
				42	None	
				43	None	
				44	None	
				45	None	
				46	None	
				47	None	
				48	None	
				49	None	
				50	None	
				51	None	
				52	None	
				53	None	
				54	None	
				55	None	
				56	None	
				57	Other Pickup	Other Pickup
				58	None	
				59	None	
				60	None	
				61	None	
				62	None	
				63	None	
				64	None	
				65	None	
				66	None	
				67	None	
				68	Do Not Disturb	Do Not Disturb
				69	None	
				70	None	
				71	None	
				72	None	
				73	None	
				74	None	
				75	None	
				76	None	
				77	None	
				78	None	
				79	None	
				80	None	
				81	None	
				82	None	
				83	None	
				84	Queue Status	Queue Status
				85	None	
				86	None	
				87	None	

Phone Button Template

Name	Model	IsStandard	Protocol	Button Information
				88 None 89 None 90 None 91 None 92 None 93 None 94 None 95 None 96 None 97 None 98 None 99 None 100 None 101 None 102 None 103 None 104 None 105 None 106 None 107 None 108 None 109 None 110 None 111 None 112 None 113 None 114 None
SEP00070E16C0C7-SCCP-Individual Template	Cisco 7941	N	SCCP	Button: 1, Feature: Line, Label: Line 1 Button: 2, Feature: Intercom, Label: Intercom 1
SEP08CC6830C21C-SIP-Individual Template	Cisco 9971	N	SIP	Button: 1, Feature: Line, Label: Line1 Button: 2, Feature: Line, Label: Line2 Button: 3, Feature: Speed Dial, Label: Speed Dial 1 Button: 4, Feature: Speed Dial, Label: Speed Dial 2 Button: 5, Feature: Speed Dial, Label: Speed Dial 3 Button: 6, Feature: Speed Dial, Label: Speed Dial 4 7 None 8 None 9 None 10 None 11 None 12 None 13 None 14 None 15 None 16 None 17 None

Phone Button Template						
Name	Model	IsStandard	Protocol	Button Information		
				18	None	
				19	None	
				20	None	
				21	None	
				22	None	
				23	None	
				24	None	
				25	None	
				26	None	
				27	None	
				28	None	
				29	None	
				30	None	
				31	None	
				32	None	
				33	None	
				34	None	
				35	None	
				36	None	
				37	None	
				38	None	
				39	None	
				40	None	
				41	None	
				42	None	
				43	None	
				44	None	
				45	None	
				46	None	
				47	None	
				48	None	
				49	None	
				50	None	
				51	None	
				52	None	
				53	None	
				54	None	
				55	None	
				56	None	
				57	None	
				58	None	
				59	None	
				60	None	
				61	None	
				62	None	
				63	None	
				64	None	
				65	None	
				66	None	

Phone Button Template						
Name	Model	IsStandard	Protocol	Button Information		
				67	None	
				68	None	
				69	None	
				70	None	
				71	None	
				72	None	
				73	None	
				74	None	
				75	None	
				76	None	
				77	None	
				78	None	
				79	None	
				80	None	
				81	None	
				82	None	
				83	None	
				84	None	
				85	None	
				86	None	
				87	None	
				88	None	
				89	None	
				90	None	
				91	None	
				92	None	
				93	None	
				94	None	
				95	None	
				96	None	
				97	None	
				98	None	
				99	None	
				100	None	
				101	None	
				102	None	
				103	None	
				104	None	
				105	None	
				106	None	
				107	None	
				108	None	
				109	None	
				110	None	
				111	None	
				112	None	
				113	None	
				114	None	

Phone Button Template

Name	Model	IsStandard	Protocol	Button Information
SEP6CFA8902CFE1-SIP-Individual Template	Cisco 7861	N	SIP	

Button	Feature	Label
1	Line	Line
2	Line	Line
3	Line	Line
4	Line	Line
5	Line	Line
6	Line	Line
7	Line	Line
8	Line	Line
9	Line	Line
10	Line	Line
11	Line	Line
12	Line	Line
13	Line	Line
14	Line	Line
15	Line	Line
16	Line	Line
17	Speed Dial	Speed Dial
18	Speed Dial	Speed Dial
19	Speed Dial	Speed Dial
20	Speed Dial	Speed Dial
21	Speed Dial	Speed Dial
22	Speed Dial	Speed Dial

Name	Model	IsStandard	Protocol	Button Information
SEPB000B4BB3F54-SIP-Individual Template	Cisco 8851	N	SIP	

Button	Feature	Label
1	Line	Line
2	Line	Line
3	Line	Line
4	Line	Line
5	Speed Dial	Speed Dial
6	Speed Dial	Speed Dial
7	Line	Line
8	Speed Dial	Speed Dial
9	Speed Dial	Speed Dial
10	Speed Dial	Speed Dial
11	Line	Line
12	Privacy	Privacy
13	Service URL	Service URL
14	Speed Dial BLF	Speed Dial BLF
15	Call Park BLF	Call Park BLF
16	Intercom	Intercom
17	Malicious Call Identification	Malicious Call Identification
18	Meet Me Conference	Meet Me Conference
19	Call Park	Call Park
20	Call Pickup	Call Pickup
21	Group Call Pickup	Group Call Pickup
22	Mobility	Mobility
23	Do Not Disturb	Do Not Disturb
24	Quality Reporting	Quality Reporting

Phone Button Template				
Name	**Model**	**IsStandard**	**Protocol**	**Button Information**

	Tool	Tool
25	CallBack	CallBack
26	Other Pickup	Other Pickup
27	Hunt Group Logout	Hunt Group Logout
28	All Calls	All Calls
29	None	
30	None	
31	None	
32	None	
33	None	
34	None	
35	None	
36	None	
37	None	
38	None	
39	None	
40	None	
41	None	
42	None	
43	None	
44	None	
45	None	
46	None	
47	None	
48	None	
49	None	
50	None	
51	None	
52	None	
53	None	
54	None	
55	None	
56	None	
57	None	
58	None	
59	None	
60	None	
61	None	
62	None	
63	None	
64	None	
65	None	
66	None	
67	None	
68	None	
69	None	
70	None	
71	None	
72	None	

Phone Button Template

Name	Model	IsStandard	Protocol	Button Information
				73 None 74 None 75 None 76 None 77 None 78 None 79 None 80 None 81 None 82 None
SEPD824BDBBEC46-SCCP-Individual Template	Cisco 7975	N	SCCP	

Button	Feature	Label
1	Line	Line 1
2	Line	Line 2
3	Speed Dial	Speed Dial 1
4	Speed Dial	Speed Dial 2
5	Speed Dial	Speed Dial 3
6	Intercom	Intercom 1
7	None	None
8	None	None
9	None	None
10	None	None
11	None	None
12	None	None
13	None	None
14	None	None
15	None	None
16	None	None
17	None	None
18	None	None
19	None	None
20	None	None
21	None	None
22	None	None
23	None	None
24	None	None
25	None	None
26	None	None
27	None	None
28	None	None
29	None	None
30	None	None
31	None	None
32	None	None
33	None	None
34	None	None
35	None	None
36	None	None
37	None	None

Phone Button Template				
Name	**Model**	**IsStandard**	**Protocol**	**Button Information**
				38 None None 39 None None 40 None None 41 None None 42 None None 43 None None 44 None None 45 None None 46 None None 47 None None 48 None None 49 None None 50 None None 51 None None 52 None None 53 None None 54 None None 55 None None 56 None None
Standard 7975 SCCP with intercom button	Cisco 7975	N	SCCP	**Button** **Feature** **Label** 1 Line Line 1 2 Line Line 2 3 Speed Dial Speed Dial 1 4 Intercom Intercom 5 Speed Dial Speed Dial 3 6 Speed Dial Speed Dial 4 7 Speed Dial Speed Dial 5 8 Speed Dial Speed Dial 6 9 None 10 None 11 None 12 None 13 None 14 None 15 None 16 None 17 None 18 None 19 None 20 None 21 None 22 None 23 None 24 None 25 None 26 None 27 None 28 None

Phone Button Template				
Name	**Model**	**IsStandard**	**Protocol**	**Button Information**
				29 None 30 None 31 None 32 None 33 None 34 None 35 None 36 None 37 None 38 None 39 None 40 None 41 None 42 None 43 None 44 None 45 None 46 None 47 None 48 None 49 None 50 None 51 None 52 None 53 None 54 None 55 None 56 None
Standard 8941 SIP with intercom button test	Cisco 8941	N	SIP	**Button / Feature / Label** 1 Line Line 2 Line Line 3 Line Line 4 Intercom Intercom 5 Speed Dial Speed Dial 6 Speed Dial Speed Dial 7 Speed Dial Speed Dial 8 Speed Dial Speed Dial 9 Speed Dial Speed Dial 10 Speed Dial Speed Dial

6.7.6 Softkey Template

Softkey templates include softkey settings that are associated with applications such as Cisco Unified Communications Manager Assistant or call-processing features such as Cisco Call Back on the Cisco Unified IP Phones.

Cisco Unified Communications Manager (CUCM) supports two types of softkey templates: standard and nonstandard. Standard softkey templates in the Cisco Unified Communications Manager (CUCM) database contain the recommended selection and positioning of the softkeys for an application.

Softkey Template

Template Name	Description	Selected Softkeys (ordered by position)
Cisco Protected Phone with Feature Hardkeys (S)	Standard template for Protected Phone - features (Hold, Transfer, etc.) on hardkeys	**Connected** 0 Undefined 1 End Call **Connected Conference** 0 Undefined 1 End Call 2 Conference **Connected No Feature** 0 Undefined 1 End Call **Connected Transfer** 0 Undefined 1 End Call 2 Transfer **Digits After First** 0 Backward 1 End Call **Off Hook** 0 Redial 1 End Call 2 Forward All **Off Hook With Feature** 0 Redial 1 End Call **On Hold** 0 Resume **On Hook** 0 Redial 1 NewCall 2 Forward All **Remote In Use** 0 Undefined 1 NewCall **Ring In** 0 Answer **Ring Out** 0 Undefined 1 End Call
Cisco Chaperone Phone with Feature Hardkeys (S)	Standard template for Chaperone Phone - features (Hold, Transfer, etc.) on hardkeys	**Connected** 0 Undefined 1 End Call 2 Record **Connected Conference** 0 Undefined 1 End Call 2 Conference **Connected No Feature** 0 Undefined 1 End Call **Connected Transfer** 0 Undefined

Softkey Template		
Template Name	**Description**	**Selected Softkeys (ordered by position)**
		1 End Call 2 Transfer **Digits After First** 0 Backward 1 End Call **Off Hook** 0 Redial 1 End Call **Off Hook With Feature** 0 Redial 1 End Call **On Hold** 0 Resume 1 NewCall **On Hook** 0 Redial 1 NewCall **Remote In Use** 0 Barge 1 NewCall **Ring In** 0 Answer **Ring Out** 0 Undefined 1 End Call
Cisco Feature with Feature Hardkeys (S)	Standard template for CM Combined Feature phones - features (Hold, Transfer, etc.) on hardkeys	**Connected** 0 Undefined 1 End Call 2 Park 3 Conference List 4 Toggle Malicious Call Trace **Connected Conference** 0 Undefined 1 End Call 2 Conference **Connected No Feature** 0 Undefined 1 End Call **Connected Transfer** 0 Undefined 1 End Call 2 Transfer **Digits After First** 0 Backward 1 End Call **Off Hook** 0 Redial 1 End Call 2 Forward All 3 Pick Up

Softkey Template		
Template Name	**Description**	**Selected Softkeys (ordered by position)**
		4 Group Pick Up 5 Meet Me **Off Hook With Feature** 0 Redial 1 End Call **On Hold** 0 Resume 1 NewCall **On Hook** 0 Redial 1 NewCall 2 Forward All **Remote In Use** 0 Barge 1 NewCall **Ring In** 0 Answer **Ring Out** 0 Undefined 1 End Call
Cisco User with Feature Hardkeys (S)	Standard template for phones - features (Hold, Transfer, etc.) on hardkeys	**Connected** 0 Undefined 1 End Call 2 Park 3 Conference List **Connected Conference** 0 Undefined 1 End Call 2 Conference **Connected No Feature** 0 Undefined 1 End Call **Connected Transfer** 0 Undefined 1 End Call 2 Transfer **Digits After First** 0 Backward 1 End Call **Off Hook** 0 Redial 1 End Call 2 Forward All 3 Pick Up 4 Group Pick Up 5 Meet Me **Off Hook With Feature** 0 Redial 1 End Call **On Hold**

Softkey Template		
Template Name	**Description**	**Selected Softkeys (ordered by position)**
		0 Resume 1 NewCall **On Hook** 0 Redial 1 NewCall 2 Forward All **Remote In Use** 0 Barge 1 NewCall **Ring In** 0 Answer **Ring Out** 0 Undefined 1 End Call
Standard User (S)	Standard template for phones - features (Hold, Transfer, etc.) on softkeys	**Connected** 0 Hold 1 End Call 2 Transfer 3 Park 4 Conference 5 Conference List 6 Select 7 Join 8 Direct Transfer 9 Video Mode Command **Connected Conference** 0 Undefined 1 End Call 2 Conference **Connected No Feature** 0 Undefined 1 End Call **Connected Transfer** 0 Undefined 1 End Call 2 Transfer **Digits After First** 0 Backward 1 End Call **Off Hook** 0 Redial 1 End Call 2 Forward All 3 Pick Up 4 Group Pick Up 5 Meet Me **Off Hook With Feature** 0 Redial 1 End Call **On Hold**

Softkey Template		
Template Name	**Description**	**Selected Softkeys (ordered by position)**
		0 Resume 1 NewCall 2 Direct Transfer 3 Select 4 Join **On Hook** 0 Redial 1 NewCall 2 Forward All **Remote In Use** 0 Barge 1 NewCall **Ring In** 0 Answer **Ring Out** 0 Undefined 1 End Call
Public Conference User (S)	Standard template for public conference rooms – (Recents, Favorites, Contacts) on idle softkeys	**Connected** 0 Hold 1 End Call 2 Conference 3 Conference List 4 Transfer 5 Settings **Connected Conference** 0 Undefined 1 End Call 2 Conference **Connected No Feature** 0 Undefined 1 End Call 2 Settings **Connected Transfer** 0 Undefined 1 End Call 2 Transfer **Digits After First** 0 Backward 1 End Call **Off Hook** 0 Recents 1 End Call 2 Favorites 3 Contacts **Off Hook With Feature** 0 Recents 1 End Call 2 Favorites **On Hold** 0 Resume

Softkey Template		
Template Name	**Description**	**Selected Softkeys (ordered by position)**
		1 NewCall 2 Settings **On Hook** 0 Recents 1 NewCall 2 Favorites 3 Contacts 4 Applications 5 Settings **Remote In Use** 0 NewCall 1 Conference Barge 2 Recents 3 Favorites 4 Contacts 5 Applications 6 Settings **Ring In** 0 Answer **Ring Out** 0 Undefined 1 End Call
Personal Conference User (S)	Standard template for personal office – public conference features + (Redial, DND, forward all, etc) on idle softkeys	**Connected** 0 Hold 1 End Call 2 Conference 3 Conference List 4 Transfer 5 Settings **Connected Conference** 0 Undefined 1 End Call 2 Conference **Connected No Feature** 0 Undefined 1 End Call 2 Settings **Connected Transfer** 0 Undefined 1 End Call 2 Transfer **Digits After First** 0 Backward 1 End Call **Off Hook** 0 Recents 1 End Call 2 Favorites 3 Contacts **Off Hook With Feature**

Softkey Template		
Template Name	**Description**	**Selected Softkeys (ordered by position)**
		0 Recents 1 End Call 2 Favorites **On Hold** 0 Resume 1 NewCall 2 Settings **On Hook** 0 Redial 1 NewCall 2 Favorites 3 Recents 4 Contacts 5 Messages 6 Forward All 7 Toggle Do Not Disturb 8 Applications 9 Settings **Remote In Use** 0 NewCall 1 Conference Barge 2 Favorites 3 Recents 4 Contacts 5 Messages 6 Applications 7 Settings **Ring In** 0 Answer 1 Toggle Do Not Disturb **Ring Out** 0 Undefined 1 End Call
Cisco Manager with Feature Hardkeys (S)	Standard template for proxy mode manager phones - features (Hold, Transfer, etc.) on hardkeys	**Connected** 0 Undefined 1 End Call 2 Intercept 3 Redirect 4 Conference List 5 Transfer to Voice Mail 6 Toggle Do Not Disturb 7 Park 8 Toggle Send All Calls 9 Toggle Watch On/Off **Connected Conference** 0 Intercept 1 End Call 2 Conference **Connected No Feature** 0 Undefined

Softkey Template		
Template Name	**Description**	**Selected Softkeys (ordered by position)**
		1 End Call
		Connected Transfer
		0 Intercept
		1 End Call
		2 Transfer
		Digits After First
		0 Backward
		1 End Call
		2 Intercept
		Off Hook
		0 Redial
		1 End Call
		2 Intercept
		3 Pick Up
		4 Group Pick Up
		5 Forward All
		6 Meet Me
		Off Hook With Feature
		0 Redial
		1 End Call
		2 Intercept
		On Hold
		0 Resume
		1 NewCall
		2 Intercept
		3 Transfer to Voice Mail
		4 Redirect
		5 Toggle Do Not Disturb
		6 Toggle Watch On/Off
		On Hook
		0 Redial
		1 NewCall
		2 Intercept
		3 Toggle Do Not Disturb
		4 Forward All
		5 Toggle Send All Calls
		6 Toggle Watch On/Off
		Remote In Use
		0 Barge
		1 NewCall
		Ring In
		0 Answer
		1 Redirect
		2 Intercept
		3 Transfer to Voice Mail
		4 Toggle Send All Calls
		5 Toggle Do Not Disturb
		6 Toggle Watch On/Off
		Ring Out
		0 Undefined

Softkey Template		
Template Name	**Description**	**Selected Softkeys (ordered by position)**
		1 End Call 2 Intercept
Cisco Assistant with Feature Hardkeys (S)	Standard template for assistant phones - features (Hold, Transfer, etc.) on hardkeys	**Connected** 0 Undefined 1 End Call 2 Redirect 3 Conference List 4 Transfer to Voice Mail 5 Park **Connected Conference** 0 Undefined 1 End Call 2 Conference **Connected No Feature** 0 Undefined 1 End Call **Connected Transfer** 0 Undefined 1 End Call 2 Transfer **Digits After First** 0 Backward 1 End Call **Off Hook** 0 Redial 1 End Call 2 Forward All 3 Pick Up 4 Group Pick Up 5 Meet Me **Off Hook With Feature** 0 Redial 1 End Call **On Hold** 0 Resume 1 NewCall 2 Redirect 3 Transfer to Voice Mail **On Hook** 0 Redial 1 NewCall 2 Forward All **Remote In Use** 0 Barge 1 NewCall **Ring In** 0 Answer 1 Redirect 2 Transfer to Voice Mail **Ring Out**

Softkey Template		
Template Name	**Description**	**Selected Softkeys (ordered by position)**
		0 Undefined 1 End Call
Cisco Shared Mode Manager with Feature Hardkeys (S)	Standard template for shared mode manager phones - features (Hold, Transfer, etc.) on hardkeys	**Connected** 0 Undefined 1 End Call 2 Redirect 3 Conference List 4 Transfer to Voice Mail 5 Toggle Do Not Disturb 6 Park **Connected Conference** 0 Undefined 1 End Call 2 Conference **Connected No Feature** 0 Undefined 1 End Call **Connected Transfer** 0 Undefined 1 End Call 2 Transfer **Digits After First** 0 Backward 1 End Call **Off Hook** 0 Redial 1 End Call 2 Pick Up 3 Group Pick Up 4 Forward All 5 Meet Me **Off Hook With Feature** 0 Redial 1 End Call **On Hold** 0 Resume 1 NewCall 2 Transfer to Voice Mail 3 Redirect 4 Toggle Do Not Disturb **On Hook** 0 Redial 1 NewCall 2 Toggle Do Not Disturb 3 Forward All **Remote In Use** 0 Barge 1 NewCall **Ring In** 0 Answer

Softkey Template		
Template Name	**Description**	**Selected Softkeys (ordered by position)**
		1 Redirect 2 Transfer to Voice Mail 3 Toggle Do Not Disturb **Ring Out** 0 Undefined 1 End Call

6.7.7 Phone Services

Cisco Unified IP Phone Services comprise XML applications that enable the display of interactive content with text and graphics on Cisco Unified IP Phones.

IP Phone Services are either statically assigned by the administrator to phones or device profiles or users can subscribe to IP Phone Services on the CCM user pages.

Phone Services

Name	Service Information	Service Parameter Information
Australia Directory	**Service Information** Service Description: Service URL: http://10.5.1.169/webgui/directory.aspx?dg=Australia Secure-Service URL: Service Category: XML Service Service Type: Standard IP Phone Service Service Vendor: Service Version: Enterprise Subscription: N Enabled: Y	< No records found >
Australia Directory localhost	**Service Information** Service Description: Service URL: http://localhost/directory.aspx?dg=Australia Secure-Service URL: Service Category: XML Service Service Type: Standard IP Phone Service Service Vendor: Service Version: Enterprise Subscription: N Enabled: Y	< No records found >
Corporate Directory	**Service Information** Service Description: Corporate Directory Service URL: Application:Cisco/CorporateDirectory Secure-Service URL: Service Category: XML Service Service Type: Directories Service Vendor: Service Version: Enterprise Subscription: Y Enabled: Y	< No records found >
EM Login	**Service Information** Service Description:	< No records found >

Phone Services

Name	Service Information	Service Parameter Information
	Service URL: http://10.5.1.120/emapp/EMAppServlet?device=#DEVICENAME# Secure-Service URL: Service Category: XML Service Service Type: Standard IP Phone Service Service Vendor: Service Version: Enterprise Subscription: N Enabled: Y	
EM Logout	**Service Information** Service Description: Service URL: http://10.5.1.120/emapp/EMAppServlet?device=#DEVICENAME# Secure-Service URL: Service Category: XML Service Service Type: Standard IP Phone Service Service Vendor: Service Version: Enterprise Subscription: N Enabled: N	< No records found >
Intercom Calls	**Service Information** Service Description: Intercom Calls Service URL: Application:Cisco/IntercomCalls Secure-Service URL: Service Category: XML Service Service Type: Directories Service Vendor: Service Version: Enterprise Subscription: N Enabled: Y	< No records found >
Missed Calls	**Service Information** Service Description: Missed Calls Service URL: Application:Cisco/MissedCalls Secure-Service URL: Service Category: XML Service Service Type: Directories Service Vendor: Service Version: Enterprise Subscription: Y Enabled: Y	< No records found >

Phone Services

Name	Service Information		Service Parameter Information
Personal Directory	**Service Information**		< No records found >
	Service Description	Personal Directory	
	Service URL	Application:Cisco/PersonalDirectory	
	Secure-Service URL		
	Service Category	XML Service	
	Service Type	Directories	
	Service Vendor		
	Service Version		
	Enterprise Subscription	Y	
	Enabled	Y	
Placed Calls	**Service Information**		< No records found >
	Service Description	Placed Calls	
	Service URL	Application:Cisco/PlacedCalls	
	Secure-Service URL		
	Service Category	XML Service	
	Service Type	Directories	
	Service Vendor		
	Service Version		
	Enterprise Subscription	Y	
	Enabled	Y	
Received Calls	**Service Information**		< No records found >
	Service Description	Received Calls	
	Service URL	Application:Cisco/ReceivedCalls	
	Secure-Service URL		
	Service Category	XML Service	
	Service Type	Directories	
	Service Vendor		
	Service Version		
	Enterprise Subscription	Y	
	Enabled	Y	
Uplinx Enterprise Directory Info	**Service Information**		< No records found >
	Service Description		
	Service URL	http://10.5.1.169/webgui/directory.aspx?dg=89	
	Secure-Service URL		
	Service Category	XML Service	
	Service Type	Standard IP Phone Service	
	Service Vendor		
	Service Version		
	Enterprise Subscription	N	
	Enabled	Y	
Voicemail	**Service Information**		< No records found >
	Service Description	Voicemail	
	Service URL	Application:Cisco/Voicemail	
	Secure-Service URL		
	Service Category	XML Service	
	Service Type	Messages	
	Service Vendor		
	Service Version		
	Enterprise Subscription	Y	

Phone Services			
Name	**Service Information**		**Service Parameter Information**
	Enabled	Y	

6.7.8 SIP Profile

A SIP profile comprises the set of SIP attributes that are associated with SIP trunks and SIP endpoints. SIP profiles include information such as name, description, timing, retry, call pickup URI, and so on. The profiles contain some standard entries that cannot be deleted or changed.

SIP Profile		
SIP Profile Name	**Details**	
Standard SIP Profile (S)	**SIP Profile Information**	
	Description	Default SIP Profile
	Default MTP Telephony Event Payload Type	101
	Early Offer for G.Clear Calls	Disabled
	User-Agent and Server header information	Send Unified CM Version Information as User-Agent Header
	Version in User Agent and Server Header	Major And Minor
	Dial String Interpretation	Phone number consists of characters 0-9, *, #, and + (others treated as URI addresses)
	Confidential Access Level Headers	Disabled
	Redirect by Application	N
	Disable Early Media on 180	N
	Outgoing T.38 INVITE include audio mline	N
	Use Fully Qualified Domain Name in SIP Requests	N
	Assured Services SIP conformance	N
	Offer valid IP and Send/Receive mode only for T.38 Fax Relay	N
	Enable External QoS	N
	SIP Profile Information - SDP Information	
	SDP Session-level Bandwidth Modifier for Early Offer and Re-invites	TIAS and AS
	SDP Transparency Profile	< None >
	Accept Audio Codec Preferences in Received Offer	Default
	Require SDP Inactive Exchange for Mid-Call Media Change	N
	Allow RR/RS bandwidth modifier (RFC 3556)	N
	Parameters used in Phone	
	Timer Invite Expires (seconds)	180
	Timer Register Delta (seconds)	5
	Timer Register Expires (seconds)	3600
	Timer T1 (msec)	500
	Timer T2 (msec)	4000
	Retry INVITE	6
	Retry Non-INVITE	10
	Media Port Ranges	Common Port Range for Audio and Video

SIP Profile

SIP Profile Name	Details	
	Start Media Port	16384
	Stop Media Port	32766
	DSCP for Audio Calls	Use System Default
	DSCP for Video Calls	Use System Default
	DSCP for Audio Portion of Video Calls	Use System Default
	DSCP for TelePresence Calls	Use System Default
	DSCP for Audio Portion of TelePresence Calls	Use System Default
	Call Pickup URI	x-cisco-serviceuri-pickup
	Call Pickup Group Other URI	x-cisco-serviceuri-opickup
	Call Pickup Group URI	x-cisco-serviceuri-gpickup
	Meet Me Service URI	x-cisco-serviceuri-meetme
	User Info	None
	DTMF DB Level	Nominal
	Call Hold Ring Back	Off
	Anonymous Call Block	Off
	Caller ID Blocking	Off
	Do Not Disturb Control	User
	Telnet Level for 7940 and 7960	Disabled
	Resource Priority Namespace	< None >
	Timer Keep Alive Expires (seconds)	120
	Timer Subscribe Expires (seconds)	120
	Timer Subscribe Delta (seconds)	5
	Maximum Redirections	70
	Off Hook To First Digit Timer (milliseconds)	15000
	Call Forward URI	x-cisco-serviceuri-cfwdall
	Abbreviated Dial URI	x-cisco-serviceuri-abbrdial
	Conference Join Enabled	Y
	RFC 2543 Hold	N
	Semi Attended Transfer	Y
	Enable VAD	N
	Stutter Message Waiting	N
	MLPP User Authorization	N
	Normalization Script	
	Normalization Script	< None >
	Enable Trace	N
	Incoming Requests FROM URI Settings	
	Caller ID DN	
	Caller Name	
	Trunk Specific Configuration	
	Reroute Incoming Request to new Trunk based on	Never
	RSVP Over SIP	Local RSVP
	Resource Priority Namespace List	< None >
	Fall back to local RSVP	Y
	SIP Rel1XX Options	Disabled
	Video Call Traffic Class	Mixed

SIP Profile

SIP Profile Name	Details	
	Calling Line Identification Presentation	Default
	Session Refresh Method	Invite
	Enable ANAT	N
	Deliver Conference Bridge Identifier	N
	Early Offer support for voice and video calls (insert MTP if needed)	Y
	Allow Passthrough of Configured Line Device Caller Information	N
	Reject Anonymous Incoming Calls	N
	Reject Anonymous Outgoing Calls	N
	Send ILS Learned Destination Route String	N
	SIP OPTIONS Ping	
	Enable OPTIONS Ping to monitor destination status for Trunks with Service Type "None (Default)"	N
	Ping Interval for In-service and Partially In-service Trunks (seconds)	60
	Ping Interval for Out-of-service Trunks (seconds)	120
	Ping Retry Timer (milliseconds)	500
	Ping Retry Count	6
	SDP Information	
	Send send-receive SDP in mid-call INVITE	N
	Allow Presentation Sharing using BFCP	N
	Allow iX Application Media	N
	Allow multiple codecs in answer SDP	N
	Connect Inbound Call before Playing Queuing Announcement	N
Standard SIP Profile For Cisco VCS (S)	**SIP Profile Information**	
	Description	Default SIP Profile For Cisco Video Communication Server
	Default MTP Telephony Event Payload Type	101
	Early Offer for G.Clear Calls	Disabled
	User-Agent and Server header information	Send Unified CM Version Information as User-Agent Header
	Version in User Agent and Server Header	Major And Minor
	Dial String Interpretation	Phone number consists of characters 0-9, *, #, and + (others treated as URI addresses)
	Confidential Access Level Headers	Disabled
	Redirect by Application	Y
	Disable Early Media on 180	N
	Outgoing T.38 INVITE include audio mline	N

SIP Profile

SIP Profile Name	Details	
	Use Fully Qualified Domain Name in SIP Requests	Y
	Assured Services SIP conformance	N
	Offer valid IP and Send/Receive mode only for T.38 Fax Relay	N
	Enable External QoS	N
	SIP Profile Information - SDP Information	
	SDP Session-level Bandwidth Modifier for Early Offer and Re-invites	TIAS and AS
	SDP Transparency Profile	Pass all unknown SDP attributes
	Accept Audio Codec Preferences in Received Offer	Default
	Require SDP Inactive Exchange for Mid-Call Media Change	N
	Allow RR/RS bandwidth modifier (RFC 3556)	N
	Parameters used in Phone	
	Timer Invite Expires (seconds)	180
	Timer Register Delta (seconds)	5
	Timer Register Expires (seconds)	3600
	Timer T1 (msec)	500
	Timer T2 (msec)	4000
	Retry INVITE	6
	Retry Non-INVITE	10
	Media Port Ranges	Common Port Range for Audio and Video
	Start Media Port	16384
	Stop Media Port	32766
	DSCP for Audio Calls	Use System Default
	DSCP for Video Calls	Use System Default
	DSCP for Audio Portion of Video Calls	Use System Default
	DSCP for TelePresence Calls	Use System Default
	DSCP for Audio Portion of TelePresence Calls	Use System Default
	Call Pickup URI	x-cisco-serviceuri-pickup
	Call Pickup Group Other URI	x-cisco-serviceuri-opickup
	Call Pickup Group URI	x-cisco-serviceuri-gpickup
	Meet Me Service URI	x-cisco-serviceuri-meetme
	User Info	None
	DTMF DB Level	Nominal
	Call Hold Ring Back	Off
	Anonymous Call Block	Off
	Caller ID Blocking	Off
	Do Not Disturb Control	User
	Telnet Level for 7940 and 7960	Disabled
	Resource Priority Namespace	< None >
	Timer Keep Alive Expires (seconds)	120

SIP Profile

SIP Profile Name	Details	
	Timer Subscribe Expires (seconds)	120
	Timer Subscribe Delta (seconds)	5
	Maximum Redirections	70
	Off Hook To First Digit Timer (milliseconds)	15000
	Call Forward URI	x-cisco-serviceuri-cfwdall
	Abbreviated Dial URI	x-cisco-serviceuri-abbrdial
	Conference Join Enabled	Y
	RFC 2543 Hold	N
	Semi Attended Transfer	Y
	Enable VAD	N
	Stutter Message Waiting	N
	MLPP User Authorization	N
	Normalization Script	
	Normalization Script	< None >
	Enable Trace	N
	Incoming Requests FROM URI Settings	
	Caller ID DN	
	Caller Name	
	Trunk Specific Configuration	
	Reroute Incoming Request to new Trunk based on	Never
	RSVP Over SIP	Local RSVP
	Resource Priority Namespace List	< None >
	Fall back to local RSVP	Y
	SIP Rel1XX Options	Disabled
	Video Call Traffic Class	Immersive
	Calling Line Identification Presentation	Default
	Session Refresh Method	Invite
	Enable ANAT	N
	Deliver Conference Bridge Identifier	N
	Early Offer support for voice and video calls (insert MTP if needed)	Y
	Allow Passthrough of Configured Line Device Caller Information	N
	Reject Anonymous Incoming Calls	N
	Reject Anonymous Outgoing Calls	N
	Send ILS Learned Destination Route String	N
	SIP OPTIONS Ping	
	Enable OPTIONS Ping to monitor destination status for Trunks with Service Type "None (Default)"	Y
	Ping Interval for In-service and Partially In-service Trunks (seconds)	60

SIP Profile

SIP Profile Name	Details	
	Ping Interval for Out-of-service Trunks (seconds)	120
	Ping Retry Timer (milliseconds)	500
	Ping Retry Count	6
	SDP Information	
	Send send-receive SDP in mid-call INVITE	N
	Allow Presentation Sharing using BFCP	Y
	Allow iX Application Media	Y
	Allow multiple codecs in answer SDP	Y
	Connect Inbound Call before Playing Queuing Announcement	N
Standard SIP Profile For TelePresence Conferencing (S)	**SIP Profile Information**	
	Description	Default SIP Profile For Cisco TelePresence Conferencing
	Default MTP Telephony Event Payload Type	101
	Early Offer for G.Clear Calls	Disabled
	User-Agent and Server header information	Pass Through Received Information as User-Agent and Server H
	Version in User Agent and Server Header	Major And Minor
	Dial String Interpretation	Phone number consists of characters 0-9, *, #, and + (others treated as URI addresses)
	Confidential Access Level Headers	Disabled
	Redirect by Application	N
	Disable Early Media on 180	N
	Outgoing T.38 INVITE include audio mline	N
	Use Fully Qualified Domain Name in SIP Requests	Y
	Assured Services SIP conformance	N
	Offer valid IP and Send/Receive mode only for T.38 Fax Relay	N
	Enable External QoS	N
	SIP Profile Information - SDP Information	
	SDP Session-level Bandwidth Modifier for Early Offer and Re-invites	TIAS and AS
	SDP Transparency Profile	Pass all unknown SDP attributes
	Accept Audio Codec Preferences in Received Offer	Default
	Require SDP Inactive Exchange for Mid-Call Media Change	N
	Allow RR/RS bandwidth modifier (RFC 3556)	N
	Parameters used in Phone	
	Timer Invite Expires (seconds)	180
	Timer Register Delta (seconds)	5

SIP Profile

SIP Profile Name	Details	
	Timer Register Expires (seconds)	3600
	Timer T1 (msec)	500
	Timer T2 (msec)	4000
	Retry INVITE	6
	Retry Non-INVITE	10
	Media Port Ranges	Common Port Range for Audio and Video
	Start Media Port	16384
	Stop Media Port	32766
	DSCP for Audio Calls	Use System Default
	DSCP for Video Calls	Use System Default
	DSCP for Audio Portion of Video Calls	Use System Default
	DSCP for TelePresence Calls	Use System Default
	DSCP for Audio Portion of TelePresence Calls	Use System Default
	Call Pickup URI	x-cisco-serviceuri-pickup
	Call Pickup Group Other URI	x-cisco-serviceuri-opickup
	Call Pickup Group URI	x-cisco-serviceuri-gpickup
	Meet Me Service URI	x-cisco-serviceuri-meetme
	User Info	None
	DTMF DB Level	Nominal
	Call Hold Ring Back	Off
	Anonymous Call Block	Off
	Caller ID Blocking	Off
	Do Not Disturb Control	User
	Telnet Level for 7940 and 7960	Disabled
	Resource Priority Namespace	< None >
	Timer Keep Alive Expires (seconds)	120
	Timer Subscribe Expires (seconds)	120
	Timer Subscribe Delta (seconds)	5
	Maximum Redirections	70
	Off Hook To First Digit Timer (milliseconds)	15000
	Call Forward URI	x-cisco-serviceuri-cfwdall
	Abbreviated Dial URI	x-cisco-serviceuri-abbrdial
	Conference Join Enabled	Y
	RFC 2543 Hold	N
	Semi Attended Transfer	Y
	Enable VAD	N
	Stutter Message Waiting	N
	MLPP User Authorization	N
	Normalization Script	
	Normalization Script	< None >
	Enable Trace	N
	Incoming Requests FROM URI Settings	
	Caller ID DN	
	Caller Name	
	Trunk Specific Configuration	

SIP Profile

SIP Profile Name	Details	
	Reroute Incoming Request to new Trunk based on	Never
	RSVP Over SIP	Local RSVP
	Resource Priority Namespace List	< None >
	Fall back to local RSVP	Y
	SIP Rel1XX Options	Disabled
	Video Call Traffic Class	Desktop
	Calling Line Identification Presentation	Default
	Session Refresh Method	Invite
	Enable ANAT	N
	Deliver Conference Bridge Identifier	Y
	Early Offer support for voice and video calls (insert MTP if needed)	Y
	Allow Passthrough of Configured Line Device Caller Information	N
	Reject Anonymous Incoming Calls	N
	Reject Anonymous Outgoing Calls	N
	Send ILS Learned Destination Route String	N
	SIP OPTIONS Ping	
	Enable OPTIONS Ping to monitor destination status for Trunks with Service Type "None (Default)"	Y
	Ping Interval for In-service and Partially In-service Trunks (seconds)	60
	Ping Interval for Out-of-service Trunks (seconds)	120
	Ping Retry Timer (milliseconds)	500
	Ping Retry Count	6
	SDP Information	
	Send send-receive SDP in mid-call INVITE	N
	Allow Presentation Sharing using BFCP	Y
	Allow iX Application Media	Y
	Allow multiple codecs in answer SDP	Y
	Connect Inbound Call before Playing Queuing Announcement	N
Standard SIP Profile For TelePresence Endpoint (S)	**SIP Profile Information**	
	Description	Default SIP Profile For Cisco TelePresence Endpoint
	Default MTP Telephony Event Payload Type	101
	Early Offer for G.Clear Calls	Disabled
	User-Agent and Server header information	Pass Through Received Information as User-Agent and Server H
	Version in User Agent and	Major And Minor

SIP Profile

SIP Profile Name	Details	
	Server Header	
	Dial String Interpretation	Phone number consists of characters 0-9, *, #, and + (others treated as URI addresses)
	Confidential Access Level Headers	Disabled
	Redirect by Application	N
	Disable Early Media on 180	N
	Outgoing T.38 INVITE include audio mline	N
	Use Fully Qualified Domain Name in SIP Requests	Y
	Assured Services SIP conformance	N
	Offer valid IP and Send/Receive mode only for T.38 Fax Relay	N
	Enable External QoS	N
	SIP Profile Information - SDP Information	
	SDP Session-level Bandwidth Modifier for Early Offer and Re-invites	TIAS and AS
	SDP Transparency Profile	Pass all unknown SDP attributes
	Accept Audio Codec Preferences in Received Offer	Default
	Require SDP Inactive Exchange for Mid-Call Media Change	N
	Allow RR/RS bandwidth modifier (RFC 3556)	N
	Parameters used in Phone	
	Timer Invite Expires (seconds)	180
	Timer Register Delta (seconds)	5
	Timer Register Expires (seconds)	3600
	Timer T1 (msec)	500
	Timer T2 (msec)	4000
	Retry INVITE	6
	Retry Non-INVITE	10
	Media Port Ranges	Common Port Range for Audio and Video
	Start Media Port	16384
	Stop Media Port	32766
	DSCP for Audio Calls	Use System Default
	DSCP for Video Calls	Use System Default
	DSCP for Audio Portion of Video Calls	Use System Default
	DSCP for TelePresence Calls	Use System Default
	DSCP for Audio Portion of TelePresence Calls	Use System Default
	Call Pickup URI	x-cisco-serviceuri-pickup
	Call Pickup Group Other URI	x-cisco-serviceuri-opickup
	Call Pickup Group URI	x-cisco-serviceuri-gpickup
	Meet Me Service URI	x-cisco-serviceuri-meetme
	User Info	None
	DTMF DB Level	Nominal
	Call Hold Ring Back	Off

SIP Profile

SIP Profile Name	Details	
	Anonymous Call Block	Off
	Caller ID Blocking	Off
	Do Not Disturb Control	User
	Telnet Level for 7940 and 7960	Disabled
	Resource Priority Namespace	< None >
	Timer Keep Alive Expires (seconds)	120
	Timer Subscribe Expires (seconds)	120
	Timer Subscribe Delta (seconds)	5
	Maximum Redirections	70
	Off Hook To First Digit Timer (milliseconds)	15000
	Call Forward URI	x-cisco-serviceuri-cfwdall
	Abbreviated Dial URI	x-cisco-serviceuri-abbrdial
	Conference Join Enabled	Y
	RFC 2543 Hold	N
	Semi Attended Transfer	Y
	Enable VAD	N
	Stutter Message Waiting	N
	MLPP User Authorization	N
	Normalization Script	
	Normalization Script	< None >
	Enable Trace	N
	Incoming Requests FROM URI Settings	
	Caller ID DN	
	Caller Name	
	Trunk Specific Configuration	
	Reroute Incoming Request to new Trunk based on	Never
	RSVP Over SIP	Local RSVP
	Resource Priority Namespace List	< None >
	Fall back to local RSVP	Y
	SIP Rel1XX Options	Disabled
	Video Call Traffic Class	Desktop
	Calling Line Identification Presentation	Default
	Session Refresh Method	Invite
	Enable ANAT	N
	Deliver Conference Bridge Identifier	Y
	Early Offer support for voice and video calls (insert MTP if needed)	Y
	Allow Passthrough of Configured Line Device Caller Information	N
	Reject Anonymous Incoming Calls	N
	Reject Anonymous Outgoing Calls	N
	Send ILS Learned Destination	N

SIP Profile

SIP Profile Name	Details	
	Route String	
	SIP OPTIONS Ping	
	Enable OPTIONS Ping to monitor destination status for Trunks with Service Type "None (Default)"	Y
	Ping Interval for In-service and Partially In-service Trunks (seconds)	60
	Ping Interval for Out-of-service Trunks (seconds)	120
	Ping Retry Timer (milliseconds)	500
	Ping Retry Count	6
	SDP Information	
	Send send-receive SDP in mid-call INVITE	N
	Allow Presentation Sharing using BFCP	Y
	Allow iX Application Media	Y
	Allow multiple codecs in answer SDP	Y
	Connect Inbound Call before Playing Queuing Announcement	N
Standard SIP Profile for Mobile Device (S)	**SIP Profile Information**	
	Description	Default SIP Profile for Mobile Device
	Default MTP Telephony Event Payload Type	101
	Early Offer for G.Clear Calls	Disabled
	User-Agent and Server header information	Send Unified CM Version Information as User-Agent Header
	Version in User Agent and Server Header	Major And Minor
	Dial String Interpretation	Phone number consists of characters 0-9, *, #, and + (others treated as URI addresses)
	Confidential Access Level Headers	Disabled
	Redirect by Application	N
	Disable Early Media on 180	N
	Outgoing T.38 INVITE include audio mline	N
	Use Fully Qualified Domain Name in SIP Requests	N
	Assured Services SIP conformance	N
	Offer valid IP and Send/Receive mode only for T.38 Fax Relay	N
	Enable External QoS	N
	SIP Profile Information - SDP Information	
	SDP Session-level Bandwidth Modifier for Early Offer and Re-invites	TIAS and AS
	SDP Transparency Profile	< None >
	Accept Audio Codec Preferences in Received Offer	Default
	Require SDP Inactive	N

SIP Profile	
SIP Profile Name	**Details**

Exchange for Mid-Call Media Change	
Allow RR/RS bandwidth modifier (RFC 3556)	N
Parameters used in Phone	
Timer Invite Expires (seconds)	180
Timer Register Delta (seconds)	120
Timer Register Expires (seconds)	720
Timer T1 (msec)	500
Timer T2 (msec)	4000
Retry INVITE	6
Retry Non-INVITE	10
Media Port Ranges	Common Port Range for Audio and Video
Start Media Port	16384
Stop Media Port	32766
DSCP for Audio Calls	Use System Default
DSCP for Video Calls	Use System Default
DSCP for Audio Portion of Video Calls	Use System Default
DSCP for TelePresence Calls	Use System Default
DSCP for Audio Portion of TelePresence Calls	Use System Default
Call Pickup URI	x-cisco-serviceuri-pickup
Call Pickup Group Other URI	x-cisco-serviceuri-opickup
Call Pickup Group URI	x-cisco-serviceuri-gpickup
Meet Me Service URI	x-cisco-serviceuri-meetme
User Info	None
DTMF DB Level	Nominal
Call Hold Ring Back	Off
Anonymous Call Block	Off
Caller ID Blocking	Off
Do Not Disturb Control	User
Telnet Level for 7940 and 7960	Disabled
Resource Priority Namespace	< None >
Timer Keep Alive Expires (seconds)	720
Timer Subscribe Expires (seconds)	21600
Timer Subscribe Delta (seconds)	15
Maximum Redirections	70
Off Hook To First Digit Timer (milliseconds)	15000
Call Forward URI	x-cisco-serviceuri-cfwdall
Abbreviated Dial URI	x-cisco-serviceuri-abbrdial
Conference Join Enabled	Y
RFC 2543 Hold	N
Semi Attended Transfer	Y
Enable VAD	N
Stutter Message Waiting	N
MLPP User Authorization	N

SIP Profile

SIP Profile Name	Details	
	Normalization Script	
	Normalization Script	< None >
	Enable Trace	N
	Incoming Requests FROM URI Settings	
	Caller ID DN	
	Caller Name	
	Trunk Specific Configuration	
	Reroute Incoming Request to new Trunk based on	Never
	RSVP Over SIP	Local RSVP
	Resource Priority Namespace List	< None >
	Fall back to local RSVP	Y
	SIP Rel1XX Options	Disabled
	Video Call Traffic Class	Mixed
	Calling Line Identification Presentation	Default
	Session Refresh Method	Invite
	Enable ANAT	N
	Deliver Conference Bridge Identifier	N
	Early Offer support for voice and video calls (insert MTP if needed)	Y
	Allow Passthrough of Configured Line Device Caller Information	N
	Reject Anonymous Incoming Calls	N
	Reject Anonymous Outgoing Calls	N
	Send ILS Learned Destination Route String	N
	SIP OPTIONS Ping	
	Enable OPTIONS Ping to monitor destination status for Trunks with Service Type "None (Default)"	N
	Ping Interval for In-service and Partially In-service Trunks (seconds)	60
	Ping Interval for Out-of-service Trunks (seconds)	120
	Ping Retry Timer (milliseconds)	500
	Ping Retry Count	6
	SDP Information	
	Send send-receive SDP in mid-call INVITE	N
	Allow Presentation Sharing using BFCP	N
	Allow iX Application Media	N
	Allow multiple codecs in answer SDP	N
	Connect Inbound Call before Playing Queuing Announcement	N

6.7.9 Common Device Configuration

A common device configuration comprises user-specific service and feature attributes. Ensure that each device is associated with a common device configuration for user-oriented information.

Note: The Device Pool window now contains only location-related information. The Common Device Configuration window records all the user-oriented information.

Common Device Configuration		
Common Device Name	**Details**	
CommonDeviceProf01	**Common Device Configuration Information**	
	Softkey Template	Standard User
	User MOH Audio Source	< None >
	Network MOH Audio Source	< None >
	User Locale	< None >
	IP Addressing Mode	IPv4 and IPv6
	IP Addressing Mode Preference for Signaling	Use System Default
	Use Trusted Relay Point	N
	Use Intercompany Media Services (IMS) for Outbound Calls	Off
	IPv6 for Phones	
	Allow Auto-Configuration for Phones	Default
	Allow Duplicate Address Detection	Default
	Accept Redirect Messages	Default
	Reply Multicast Echo Request	Default
	Multilevel Precedence and Preemption Information	
	MLPP Indication	Default
	MLPP Preemption	Default
	MLPP Domain	< None >
	Confidential Access Mode	< None >
	Confidential Access Level	< None >

6.7.10 Common Phone Profile

Cisco Unified Communications Manager uses common phone profiles to define phone attributes that are associated with Cisco Unified IP Phones. Having these attributes in a profile instead of adding them individually to every phone decreases the amount of time that administrators spend configuring phones and allows the administrator to change the values for a group of phones.

Common Phone Profile		
Common Phone Profile Name	**Details**	
Standard Common Phone Profile (S)	**Common Phone Profile Information**	
	Description	Standard Common Phone Profile
	DND Option	Ringer Off
	DND Incoming Call Alert	Beep Only
	Feature Control Policy	< None >
	Wi-Fi Hotspot Profile	< None >
	Enable User Access to Phone Background Image	Y

Common Phone Profile

Common Phone Profile Name	Details

Secure Shell Information	
Secure Shell User	
Phone Personalization Information	
Phone Personalization	Default
Always Use Prime Line	Default
Always Use Prime Line for Voice Message	Default
Services Provisioning	Default
VPN Information	
VPN Group	< None >
VPN Profile	< None >

Product Specific Configuration Layout

Parameter Name	Parameter Value	Override
Disable USB	Disabled	N
Back USB Port	Enabled	N
Side USB Port	Enabled	N
Enable/Disable USB Classes	Audio Class	N
SDIO	Disabled	N
Bluetooth	Enabled	N
Bluetooth Profiles	Handsfree	N
Allow Bluetooth Contacts Import	Enabled	N
Allow Bluetooth Mobile Handsfree Mode	Enabled	N
Cisco Camera	Disabled	N
Console Access	Disabled	N
Enable Power Save Plus		N
Enable Audible Alert	Disabled	N
Allow EnergyWise Overrides	Disabled	N
EnergyWise Domain	1	N
Phone On Time	00:00	N
Phone Off Time	24:00	N
Phone Off Idle Timeout	60	N
Days Display Not Active	Sunday	N
Display On Time	07:30	N
Display On Duration	10:30	N
Display Idle Timeout	01:00	N
Display On When Incoming Call	Enabled	N
Incoming Call Toast Timer	5	N
Enable Mute Feature	Disabled	N
Join And Direct Transfer Policy	Same line, accross line enabled	N
Medianet Statistics Interval	15	N
RTCP	Disabled	N
Enable Wideband Codecs	Use System Default	N
Video Calling	Enabled	N
Wi-Fi	Enabled	N
Wi-Fi Hotspot	Disabled	N

Common Phone Profile			
Common Phone Profile Name	Details		
	PC Port	Enabled	N
	Span to PC Port	Disabled	N
	PC Voice VLAN Access	Enabled	N
	PC Port Remote Configuration	Disabled	N
	Switch Port Remote Configuration	Disabled	N
	Automatic Port Synchronization	Disabled	N
	Cisco Discovery Protocol (CDP): Switch Port	Enabled	N
	Cisco Discovery Protocol (CDP): PC Port	Enabled	N
	Link Layer Discovery Protocol (LLDP-MED): Switch Port	Enabled	N
	Link Layer Discovery Protocol (LLDP): PC Port	Enabled	N
	LLDP Asset ID		N
	LLDP Power Priority	Unknown	N
	Power Negotiation	Enabled	N
	802.1x Authentication	User Controlled	N
	FIPS Mode	Disabled	N
	80-bit SRTCP	Disabled	N
	Require Screen Lock	PIN	N
	Maximum Screen Lock Timeout	600	N
	Enforce Screen Lock During Display-On Time	Enabled	N
	Lock Device During Audio Call	Disabled	N
	Kerberos Server		N
	Kerberos Realm		N
	TLS Resumption Timer	3600	N
	User Credentials Persistent for Expressway Sign in	Disabled	N
	WLAN SCEP Server		N
	WLAN Root CA Fingerprint (SHA256 or SHA1)		N
	Outbound Rollover	Disabled	N
	Detect Unified CM Connection Failure	Normal	N
	Time to Wait for Seamless Reconnect (seconds)	5	N
	Load Server		N
	IPv6 Load Server		N
	Log Server		N
	IPv6 Log Server		N
	Remote Log	Disabled	N
	Log Profile		N
	HTTPS Server	http and https Enabled	
	Web Access	Enabled	Y
	Settings Access	Enabled	N
	SSH Access	Enabled	Y
	Ring Locale	Default	Y
	Android Debug Bridge (ADB)	Disabled	N
	Customer support upload URL		N
	Allow Applications from Unknown Sources	Disabled	N

Common Phone Profile

Common Phone Profile Name	Details

Allow Applications from Android Market	Disabled	N
Allow Applications from Cisco AppHQ	Disabled	N
AppHQ Domain		N
Enable Cisco UCM App Client	Disabled	N
Company Photo Directory		N
Voicemail Server (Primary)		N
Voicemail Server (Backup)		N
Alternate phone book server type	UDS	N
Alternate phone book server address		N
Presence and Chat Server (Primary)		N
Presence and Chat Server Type	Cisco WebEx Connect	N
Presence and Chat Single Sign-On (SSO) Domain		N
Device UI Profile	Simple	N
Multi-User	Disabled	N
Multi-User URL		N
Email address for customer support		N
PSTN Mode	Disabled	N
Background Image		N
Simplified New Call UI	Disabled	N
Revert to All Calls	Disabled	N
RTCP for Video	Enabled	N
Provide Dial Tone from Release Button	Disabled	N
Hide Video By Default	Disabled	N
VXC Challenge	Challenge	N
VXC-M Servers		N
Record Call Log from Shared Line	Disabled	N
Show Call History for Selected Line Only	Disabled	N
Actionable Incoming Call Alert	Disabled	N
DF bit	0	N
Separate Audio and Video Mute	Disabled	N
Softkey Control	Feature Control Policy	N
Start Video Port		N
Stop Video Port		N
Lowest Alerting Line State Priority	Disabled	N
One Column Display for KEM	Disabled	N
Audio EQ	Default: Default	N
Customer Support Use		N
Energy Efficient Ethernet(EEE): PC Port	Disabled	N
Energy Efficient Ethernet(EEE): SW Port	Disabled	N
WLAN Authentication Attempts	2	N
WLAN Profile 1 Prompt Mode	Enabled	N
Line Mode	Enhanced Line Mode	N
Admin Configurable Ringer	Disabled	N
Disable TLS Ciphers	None	N

Interactive Connectivity

Parameter Name	Parameter Value	Override

Common Phone Profile

Common Phone Profile Name	Details

Establishment (ICE)

ICE	Enabled	N
Default Candidate Type	Host	N
Server Reflexive Address	Enabled	N
Primary TURN Server Host Name Or IP Address		N
Secondary TURN Server Host Name Or IP Address		N
TURN Server Transport Type	Auto	N
TURN Server Username		N

Instant Messaging

Parameter Name	Parameter Value	Override
File Types To Block In File Transfer		N
URLs To Block In File Transfer		N

Desktop Client Settings

Parameter Name	Parameter Value	Override
Desktop Client Settings		
Automatically Start In Phone Control	Disabled	N
Automatically Control Tethered Desk Phone	Disabled	N
Extend And Connect Capability	Enabled	N
Display Contact Photos	Enabled	N
Number Lookups On Directory	Enabled	N
Jabber For Windows Software Update Server URL		N
Problem Report Server URL		N
Analytics Collection	Disabled	N
Analytics Server URL		N
Cisco Support Field		N

Standard Common Phone Profile 02

Common Phone Profile Information	
Description	Standard Common Phone Profile alternative
DND Option	Ringer Off
DND Incoming Call Alert	Beep Only
Feature Control Policy	< None >
Wi-Fi Hotspot Profile	< None >
Enable User Access to Phone Background Image	Y
Secure Shell Information	
Secure Shell User	
Phone Personalization Information	
Phone Personalization	Enabled
Always Use Prime Line	Default
Always Use Prime Line for Voice Message	Default
Services Provisioning	Default
VPN Information	
VPN Group	< None >
VPN Profile	< None >

Common Phone Profile

Common Phone Profile Name	Details
	Product Specific Configuration Layout

Parameter Name	Parameter Value	Override
Disable USB	Disabled	N
Back USB Port	Enabled	N
Side USB Port	Enabled	N
Enable/Disable USB Classes	Audio Class	N
SDIO	Disabled	N
Bluetooth	Enabled	N
Bluetooth Profiles	Handsfree	N
Allow Bluetooth Contacts Import	Enabled	N
Allow Bluetooth Mobile Handsfree Mode	Enabled	N
Cisco Camera	Disabled	N
Console Access	Disabled	N
Enable Power Save Plus		N
Enable Audible Alert	Disabled	N
Allow EnergyWise Overrides	Disabled	N
EnergyWise Domain	1	N
Phone On Time	00:00	N
Phone Off Time	24:00	N
Phone Off Idle Timeout	60	N
Days Display Not Active	Sunday	N
Display On Time	07:30	N
Display On Duration	10:30	N
Display Idle Timeout	01:00	N
Display On When Incoming Call	Enabled	N
Incoming Call Toast Timer	5	N
Enable Mute Feature	Disabled	N
Join And Direct Transfer Policy	Same line, accross line enabled	N
Medianet Statistics Interval	15	N
RTCP	Disabled	N
Enable Wideband Codecs	Use System Default	N
Video Calling	Enabled	N
Wi-Fi	Enabled	N
Wi-Fi Hotspot	Disabled	N
PC Port	Enabled	N
Span to PC Port	Disabled	N
PC Voice VLAN Access	Enabled	N
PC Port Remote Configuration	Disabled	N
Switch Port Remote Configuration	Disabled	N
Automatic Port Synchronization	Disabled	N
Cisco Discovery Protocol (CDP): Switch Port	Enabled	N
Cisco Discovery Protocol (CDP): PC Port	Enabled	N
Link Layer Discovery Protocol (LLDP-MED): Switch Port	Enabled	N
Link Layer Discovery Protocol (LLDP): PC Port	Enabled	N
LLDP Asset ID		N

Common Phone Profile			
Common Phone Profile Name	Details		
	LLDP Power Priority	Unknown	N
	Power Negotiation	Enabled	N
	802.1x Authentication	User Controlled	N
	FIPS Mode	Disabled	N
	80-bit SRTCP	Disabled	N
	Require Screen Lock	PIN	N
	Maximum Screen Lock Timeout	600	N
	Enforce Screen Lock During Display-On Time	Enabled	N
	Lock Device During Audio Call	Disabled	N
	Kerberos Server		N
	Kerberos Realm		N
	TLS Resumption Timer	3600	N
	User Credentials Persistent for Expressway Sign in	Disabled	N
	WLAN SCEP Server		N
	WLAN Root CA Fingerprint (SHA256 or SHA1)		N
	Outbound Rollover	Disabled	N
	Detect Unified CM Connection Failure	Normal	N
	Time to Wait for Seamless Reconnect (seconds)	5	N
	Load Server		N
	IPv6 Load Server		N
	Log Server		N
	IPv6 Log Server		N
	Remote Log	Disabled	N
	Log Profile		N
	HTTPS Server	http and https Enabled	
	Web Access	Enabled	Y
	Settings Access	Enabled	N
	SSH Access	Enabled	Y
	Ring Locale	Default	Y
	Android Debug Bridge (ADB)	Disabled	N
	Customer support upload URL		N
	Allow Applications from Unknown Sources	Disabled	N
	Allow Applications from Android Market	Disabled	N
	Allow Applications from Cisco AppHQ	Disabled	N
	AppHQ Domain		N
	Enable Cisco UCM App Client	Disabled	N
	Company Photo Directory		N
	Voicemail Server (Primary)		N
	Voicemail Server (Backup)		N
	Alternate phone book server type	UDS	N
	Alternate phone book server address		N
	Presence and Chat Server (Primary)		N
	Presence and Chat Server Type	Cisco WebEx Connect	N

Common Phone Profile			
Common Phone Profile Name	**Details**		
	Presence and Chat Single Sign-On (SSO) Domain		N
	Device UI Profile	Simple	N
	Multi-User	Disabled	N
	Multi-User URL		N
	Email address for customer support		N
	PSTN Mode	Disabled	N
	Background Image		N
	Simplified New Call UI	Disabled	N
	Revert to All Calls	Disabled	N
	RTCP for Video	Enabled	N
	Provide Dial Tone from Release Button	Disabled	N
	Hide Video By Default	Disabled	N
	VXC Challenge	Challenge	N
	VXC-M Servers		N
	Record Call Log from Shared Line	Disabled	N
	Show Call History for Selected Line Only	Disabled	N
	Actionable Incoming Call Alert	Disabled	N
	DF bit	0	N
	Separate Audio and Video Mute	Disabled	N
	Softkey Control	Feature Control Policy	N
	Start Video Port		N
	Stop Video Port		N
	Lowest Alerting Line State Priority	Disabled	N
	One Column Display for KEM	Disabled	N
	Audio EQ	Default: Default	N
	Customer Support Use		N
	Energy Efficient Ethernet(EEE): PC Port	Disabled	N
	Energy Efficient Ethernet(EEE): SW Port	Disabled	N
	WLAN Authentication Attempts	2	N
	WLAN Profile 1 Prompt Mode	Enabled	N
	Line Mode	Enhanced Line Mode	N
	Admin Configurable Ringer	Disabled	N
	Disable TLS Ciphers	None	N
	Interactive Connectivity Establishment (ICE)	**Parameter Name**	**Parameter Value**	**Override**
		ICE	Enabled	N
		Default Candidate Type	Host	N
		Server Reflexive Address	Enabled	N
		Primary TURN Server Host Name Or IP Address		N
		Secondary TURN Server Host Name Or IP Address		N
		TURN Server Transport Type	Auto	N
		TURN Server Username		N
	Instant Messaging	**Parameter Name**	**Parameter Value**	**Override**
		File Types To Block In File Transfer		N

Common Phone Profile				
Common Phone Profile Name	**Details**			
		URLs To Block In File Transfer		N
	Desktop Client Settings	**Parameter Name**	**Parameter Value**	**Override**
		Desktop Client Settings		
		Automatically Start In Phone Control	Disabled	N
		Automatically Control Tethered Desk Phone	Disabled	N
		Extend And Connect Capability	Enabled	N
		Display Contact Photos	Enabled	N
		Number Lookups On Directory	Enabled	N
		Jabber For Windows Software Update Server URL		N
		Problem Report Server URL		N
		Analytics Collection	Disabled	N
		Analytics Server URL		N
		Cisco Support Field		N

6.7.11 Remote Destination Profile

Remote destination profiles (RDPs) are associated with directory numbers (for example, the DN of a user's IP phone) and with remote destinations (for example, the mobile phone number of a user). The RDP controls the interaction between the IP phone and the external numbers (for example, a mobile phone) configured as remote destinations.

Note: Remote destinations cannot be configured with on-cluster DNs as destination numbers.

Remote Destination Profile

Name	Remote Destination Profile	Associated Lines
RDP_template		

RemoteDestinationProfile

Description	
User ID	User_template
Device Pool	DP_1
Calling Search Space	CSS_1
AAR Calling Search Space	< None >
User Hold Audio Source	< None >
Network Hold MOH Audio Source	< None >
Privacy	Default
Rerouting Calling Search Space	< None >
Calling Party Transformation CSS	< None >
Use DP Calling Party Trans CSS	Y
User Locale	< None >
Network Locale	< None >
Ignore Presentation Indicators	N
Associated Remote Destinations	

Lines

#	Extension	Partition	CSS	Linetext	Alerting Name	External Mask	Pickup Grp	max/busy	VM Profile	CF All	CF Busy	CF NoAnswer	CFNA [secs]
1	40000	< None >	< None >					2/2	< None >	/ < None >	/ < None >	/ < None >	

Remote Destination Profile		
Name	**Remote Destination Profile**	**Associated Lines**
	Associated Remote Destinations	
	Do Not Disturb	
	Do Not Disturb	N
	DND Option	Call Reject

6.7.12 Feature Control Policy

Feature Control Policies allows you to enable or disable a particular feature and thereby control the appearance of certain features and softkeys that display on the phone. You can configure multiple policies on Cisco Unified Communications Manager Administration. After you configure a Feature Control Policy, you must associate that policy to an individual phone, a group of phones, or to all phones in the system.

The appearance of softkeys on Cisco Unified IP Phones is customized by using softkey templates. When you disable a feature by using Feature Control Policies, the softkeys for the disabled feature do not appear in any call state.

Cisco Unified Communications Manager uses the following order of precedence (Device Configuration has the highest precedence) for Feature Control Policies settings: Device Configuration, Common Phone Profile, Enterprise Parameter Configuration.

Feature Control Policy

Name	Description	Feature Control Section
FeatureCtrlPolic01	A feature ctrl pol.	

Override Default	Feature Name	Enable Setting	Default Value
N	Barge	Y	Enabled
N	Call Back	Y	Enabled
N	Call PickUp	N	Disabled
N	Conference List	Y	Enabled
N	Divert (Alerting)	N	Disabled
N	Divert (Connected)	N	Disabled
N	Forward All	Y	Enabled
N	Group Call PickUp	N	Disabled
N	Meet Me	N	Disabled
N	Mobility	N	Disabled
N	Other Call PickUp	N	Disabled
N	Park	N	Disabled
N	Redial	Y	Enabled
N	Report Caller	N	Disabled
N	Report Quality	N	Disabled
N	Speed Dial	Y	Enabled

6.7.13 Recording Profile

To provision line appearances of agents for call recording, administrators create one or more call recording profiles. The administrator then selects a recording profile for a line appearance.

Recording Profile

Name	Details	
Recording Profile1	**Recording Profile Information**	
	Recording Calling Search Space	CSS_1
	Recording Destination Address	10.5.1.1
Recording Profile2	**Recording Profile Information**	
	Recording Calling Search Space	CSS_2
	Recording Destination Address	10.5.1.1

6.7.14 SIP Normalization Script

This section defines SIP normalization and transparency scripts.

SIP trunks can connect to a variety of endpoints, including PBXs, gateways, and service providers. Each of these endpoints implements the SIP protocol a bit differently, causing a unique set of interoperability issues. To normalize messages per trunk, Cisco Unified Communications Manager allows you to add or update scripts to the system and then associate them with one or more SIP trunks. The normalization scripts that you create allow you to preserve, remove, or change the contents of any SIP headers or content bodies, known or unknown.

Transparency refers to the ability to pass information from one call leg to the other. REFER transparency allows Cisco Unified Communications Manager to pass on REFER requests to another endpoint rather than acting on them. REFER transparency is key in call center applications, where the agent sending the REFER (initiating the transfer) resides in a geographic area remote from both of the other call parties.

After you configure a script in Cisco Unified Communications Manager, you associate the script with a SIP trunk by configuring the Normalization Script fields in the Trunk Configuration window. You can only associate one script per trunk, but you can associate the same script to multiple trunks.

SIP Normalization Script Configuration

Name	Details	
refer-passthrough	**SIP Normalization Script Configuration**	
	Description	Remove Unified CM from the call due to a blind transfer between SIP trunks
	Script Execution Error Recovery Action	Message Rollback Only
	System Resource Error Recovery Action	Disable Script
	Memory Threshold	50
	Lua Instruction Threshold	1000
HCS-PCV-PAI-passthrough	**SIP Normalization Script Configuration**	
	Description	Cisco HCS platform integration with Enterprise IMS
	Script Execution Error Recovery Action	Message Rollback Only
	System Resource Error Recovery Action	Disable Script
	Memory Threshold	50
	Lua Instruction Threshold	1000
vcs-interop	**SIP Normalization Script Configuration**	
	Description	Provides interoperability for endpoints registered to the Video Communications Server (VCS)
	Script Execution Error Recovery Action	Message Rollback Only
	System Resource Error Recovery Action	Disable Script
	Memory Threshold	1000
	Lua Instruction Threshold	2000
diversion-counter	**SIP Normalization Script Configuration**	
	Description	Provide capability to adjust the diversion counter
	Script Execution Error Recovery Action	Message Rollback Only
	System Resource Error Recovery Action	Disable Script
	Memory Threshold	50
	Lua Instruction Threshold	1000
cisco-telepresence-conductor-interop	**SIP Normalization Script Configuration**	
	Description	Provides interoperability for endpoints registered to the TelePresence Conductor
	Script Execution Error Recovery Action	Message Rollback Only
	System Resource Error Recovery Action	Disable Script
	Memory Threshold	1000
	Lua Instruction Threshold	2000
cisco-telepresence-mcu-ts-direct-interop	**SIP Normalization Script Configuration**	

SIP Normalization Script Configuration	
Name	**Details**
	Description: Provides interoperability between Unified Communications Manager (UCM) and Cisco TelePresence MCU, and between UCM and Cisco TelePresece Server Script Execution Error Recovery Action: Message Rollback Only System Resource Error Recovery Action: Disable Script Memory Threshold: 1000 Lua Instruction Threshold: 2000
cisco-meeting-server-interop	**SIP Normalization Script Configuration** Description: Provides interoperability between Unified Communication Manager (UCM) and Cisco Meeting Server Script Execution Error Recovery Action: Message Rollback Only System Resource Error Recovery Action: Disable Script Memory Threshold: 1000 Lua Instruction Threshold: 2000
att-header-passthrough	**SIP Normalization Script Configuration** Description: Provides passthrough of header x-att-loop Script Execution Error Recovery Action: Message Rollback Only System Resource Error Recovery Action: Disable Script Memory Threshold: 100 Lua Instruction Threshold: 1000

6.7.15 SDP Transparency Profile

The Session Description Protocol Transparency for Declarative Parameters allows the administrator to specify declarative SDP attributes that are not natively supported by Cisco Unified Communications Manager to be passed from the ingress call leg to the egress call leg.

If the Unified Communications Manager receives attributes that are not explicitly identified by the administrator to send to the egress leg, Unified Communications Manager drops the attribute from the outgoing SDP similar to previous versions of Unified Communications Manager.

SDP Transparency Profile		
Name	**Description**	**Attributes**
Pass all unknown SDP attributes	Default SDP Transparency Profile to pass all unknown SDP attributes	< None >

6.7.16 Network Access Profile

A Network Access Profile contains information about VPN connectivity and HTTP proxy settings. It is assigned to a Wireless LAN Profile.

Network Access Profile	
Name	**Details**
NetworkAccessProf	**Network Access Profile Information** Description: A profile VPN Required: Off **HTTP Proxy Settings** Proxy Settings: None Proxy Settings: None

6.7.17 Wireless LAN Profile

The Wireless LAN Profile feature removes the need for users to configure Wi-Fi parameters on their phones by allowing the administrator to configure Wi-Fi profiles for them. The user devices can automatically download the Wi-Fi configuration from the Cisco Unified Communications Manager TFTP server, and the configuration is then applied to these devices.

The following Wireless LAN Profiles are configured:

Wireless LAN Profile	
Name	**Info**
WifiLanProf01	**Wireless LAN Profile Information** Description: A profile User Modifiable: Allowed **Wireless Settings** SSID (Network Name): uplinx Frequency Band: Auto **Authentication Settings** Authentication Method: EAP-FAST Provide Shared Credentials: Y Username: admin Password Description: **Network Access Settings** Network Access Profile: NetworkAccessProf
WifiLanProf02	**Wireless LAN Profile Information** Description: A profile two User Modifiable: Allowed **Wireless Settings** SSID (Network Name): uplinx2 Frequency Band: Auto **Authentication Settings** Authentication Method: EAP-FAST Provide Shared Credentials: Y Username: admin Password Description: **Network Access Settings** Network Access Profile: NetworkAccessProf

6.7.18 Wireless LAN Profile Group

After you create one or more Wireless LAN Profiles, you can add them to a Wireless LAN Profile Group.

A Wireless LAN Profile Group can be added to a device pool or device-level configuration.

Wireless LAN Profile Group		
Name	**Description**	**Selected Profiles**
WifiLANProfGroup01	< None >	WifiLanProf01 WifiLanProf02

6.7.19 Wifi Hotspot Profile

The Wi-Fi Hotspot Profile feature allows users to use their desk phones to provide a Wi-Fi Hotspot, so that they can connect a Wi-Fi device such as a tablet or a mobile phone to the network through the desk phone. The desk phones can automatically download the Wi-Fi Hotspot configuration from the Cisco Unified Communications Manager, and the configuration is then applied to these devices.

The following Wi-Fi Hotspot Profiles are configured:

Wifi Hotspot Profile

Name	Info	
WifiHotspotProf01	**Wi-Fi Hotspot Profile Information**	
	Description	< None >
	User Modifiable	Allowed
	Wireless Settings	
	SSID Prefix	uplinx
	Frequency Band	Auto
	Authentication Settings	
	Authentication Method	None

7 User Management

The following chapters contain the configuration of application- and end- users and its related settings such as roles and security settings:

- Application User
- End User
- SIP realms
- User Settings
- Self-Provisioning

7.1 Application User

Application users are all users associated with other Cisco IP Communications features or applications, such as Cisco Attendant Console, Cisco IP Contact Center Express, or Cisco Unified Communications Manager Assistant. These applications need to authenticate with Cisco Unified Communications Manager (CUCM), but these internal "users" do not have an interactive login and serve purely for internal communications between applications.

Application User		
User ID	**Information**	
admin	**Application User Information**	
	BLF Presence Group	Standard Presence group
	User Rank	1
	Accept Presence Subscription	N
	Accept Out-of-dialog REFER	N
	Accept Unsolicited Notification	N
	Accept Replaces Header	N
	Device Information	
	Controlled Devices	
	CTI Controlled Device Profiles	
	CAPF Information	
	Associated CAPF Profiles	
	Permissions Information	
	Groups	Standard Audit Users Standard CCM Super Users
	Roles	Standard Admin Rep Tool Admin Standard Audit Log Administration Standard AXL API Access Standard CCM Admin Users Standard CCMADMIN Administration Standard CUReporting Standard CUReporting Authentication Standard EM Authentication Proxy Rights Standard SERVICEABILITY Administration Standard SSO Config Admin
CCMQRTSecureSysUser	**Application User Information**	
	BLF Presence Group	Standard Presence group
	User Rank	1

Application User

User ID	Information	
	Accept Presence Subscription	N
	Accept Out-of-dialog REFER	N
	Accept Unsolicited Notification	N
	Accept Replaces Header	N
	Device Information	
	Controlled Devices	
	CTI Controlled Device Profiles	
	CAPF Information	
	Associated CAPF Profiles	
	Permissions Information	
	Groups	Standard CTI Allow Control of All Devices Standard CTI Allow Control of Phones supporting Connected Xfer and conf Standard CTI Allow Control of Phones supporting Rollover Mode Standard CTI Enabled Standard CTI Secure Connection Standard EM Authentication Proxy Rights
	Roles	Standard CTI Allow Control of All Devices Standard CTI Allow Control of Phones supporting Connected Xfer and conf Standard CTI Allow Control of Phones supporting Rollover Mode Standard CTI Enabled Standard CTI Secure Connection Standard EM Authentication Proxy Rights
CCMQRTSysUser	**Application User Information**	
	BLF Presence Group	Standard Presence group
	User Rank	1
	Accept Presence Subscription	N
	Accept Out-of-dialog REFER	N
	Accept Unsolicited Notification	N
	Accept Replaces Header	N
	Device Information	
	Controlled Devices	
	CTI Controlled Device Profiles	
	CAPF Information	
	Associated CAPF Profiles	
	Permissions Information	
	Groups	Standard CTI Allow Control of All Devices Standard CTI Allow Control of Phones supporting Connected Xfer and conf Standard CTI Allow Control of Phones supporting Rollover Mode Standard CTI Enabled Standard EM Authentication Proxy Rights
	Roles	Standard CTI Allow Control of All Devices Standard CTI Allow Control of Phones supporting Connected Xfer and conf Standard CTI Allow Control of Phones supporting Rollover Mode Standard CTI Enabled Standard EM Authentication Proxy Rights
CCMSysUser	**Application User Information**	
	BLF Presence Group	Standard Presence group
	User Rank	1
	Accept Presence Subscription	N
	Accept Out-of-dialog REFER	N
	Accept Unsolicited Notification	N
	Accept Replaces Header	N
	Device Information	
	Controlled Devices	
	CTI Controlled Device Profiles	

Application User	
User ID	**Information**
	CAPF Information
	Associated CAPF Profiles:
	Permissions Information
	Groups: Standard CTI Allow Control of All Devices Standard CTI Enabled Standard EM Authentication Proxy Rights
	Roles: Standard CTI Allow Control of All Devices Standard CTI Enabled Standard EM Authentication Proxy Rights
CUCService	**Application User Information**
	BLF Presence Group: Standard Presence group
	User Rank: 1
	Accept Presence Subscription: N
	Accept Out-of-dialog REFER: N
	Accept Unsolicited Notification: N
	Accept Replaces Header: N
	Device Information
	Controlled Devices:
	CTI Controlled Device Profiles:
	CAPF Information
	Associated CAPF Profiles:
	Permissions Information
	Groups: Standard CCM Admin Users Standard RealtimeAndTraceCollection
	Roles: Standard CCM Admin Users Standard CUReporting Standard CUReporting Authentication Standard RealtimeAndTraceCollection
IPMASecureSysUser	**Application User Information**
	BLF Presence Group: Standard Presence group
	User Rank: 1
	Accept Presence Subscription: N
	Accept Out-of-dialog REFER: N
	Accept Unsolicited Notification: N
	Accept Replaces Header: N
	Device Information
	Controlled Devices:
	CTI Controlled Device Profiles:
	CAPF Information
	Associated CAPF Profiles:
	Permissions Information
	Groups: Standard CTI Allow Control of All Devices Standard CTI Enabled Standard CTI Secure Connection Standard EM Authentication Proxy Rights
	Roles: Standard CTI Allow Control of All Devices Standard CTI Enabled Standard CTI Secure Connection Standard EM Authentication Proxy Rights
IPMASysUser	**Application User Information**
	BLF Presence Group: Standard Presence group
	User Rank: 1
	Accept Presence Subscription: N
	Accept Out-of-dialog REFER: N

Application User		
User ID	**Information**	
	Accept Unsolicited Notification	N
	Accept Replaces Header	N
	Device Information	
	Controlled Devices	
	CTI Controlled Device Profiles	
	CAPF Information	
	Associated CAPF Profiles	
	Permissions Information	
	Groups	Standard CTI Allow Control of All Devices Standard CTI Allow Control of Phones supporting Connected Xfer and conf Standard CTI Enabled Standard EM Authentication Proxy Rights
	Roles	Standard CTI Allow Control of All Devices Standard CTI Allow Control of Phones supporting Connected Xfer and conf Standard CTI Enabled Standard EM Authentication Proxy Rights
presencevieweradmin	**Application User Information**	
	BLF Presence Group	Standard Presence group
	User Rank	1
	Accept Presence Subscription	N
	Accept Out-of-dialog REFER	N
	Accept Unsolicited Notification	N
	Accept Replaces Header	N
	Device Information	
	Controlled Devices	
	CTI Controlled Device Profiles	
	CAPF Information	
	Associated CAPF Profiles	
	Permissions Information	
	Groups	Admin-3rd Party API
	Roles	
TabSyncSysUser	**Application User Information**	
	BLF Presence Group	Standard Presence group
	User Rank	1
	Accept Presence Subscription	N
	Accept Out-of-dialog REFER	N
	Accept Unsolicited Notification	N
	Accept Replaces Header	N
	Device Information	
	Controlled Devices	
	CTI Controlled Device Profiles	
	CAPF Information	
	Associated CAPF Profiles	
	Permissions Information	
	Groups	Standard TabSync User
	Roles	Standard AXL API Access
WDSecureSysUser	**Application User Information**	
	BLF Presence Group	Standard Presence group
	User Rank	1
	Accept Presence Subscription	N
	Accept Out-of-dialog REFER	N

Application User

User ID	Information	
	Accept Unsolicited Notification	N
	Accept Replaces Header	N
	Device Information	
	Controlled Devices	
	CTI Controlled Device Profiles	
	CAPF Information	
	Associated CAPF Profiles	
	Permissions Information	
	Groups	Standard CTI Allow Control of All Devices Standard CTI Allow Control of Phones supporting Connected Xfer and conf Standard CTI Allow Control of Phones supporting Rollover Mode Standard CTI Enabled Standard CTI Secure Connection Standard EM Authentication Proxy Rights
	Roles	Standard CTI Allow Control of All Devices Standard CTI Allow Control of Phones supporting Connected Xfer and conf Standard CTI Allow Control of Phones supporting Rollover Mode Standard CTI Enabled Standard CTI Secure Connection Standard EM Authentication Proxy Rights
WDSysUser	**Application User Information**	
	BLF Presence Group	Standard Presence group
	User Rank	1
	Accept Presence Subscription	N
	Accept Out-of-dialog REFER	N
	Accept Unsolicited Notification	N
	Accept Replaces Header	N
	Device Information	
	Controlled Devices	
	CTI Controlled Device Profiles	
	CAPF Information	
	Associated CAPF Profiles	
	Permissions Information	
	Groups	Standard CTI Allow Control of All Devices Standard CTI Allow Control of Phones supporting Connected Xfer and conf Standard CTI Allow Control of Phones supporting Rollover Mode Standard CTI Enabled Standard EM Authentication Proxy Rights
	Roles	Standard CTI Allow Control of All Devices Standard CTI Allow Control of Phones supporting Connected Xfer and conf Standard CTI Allow Control of Phones supporting Rollover Mode Standard CTI Enabled Standard EM Authentication Proxy Rights
app1	**Application User Information**	
	BLF Presence Group	Standard Presence group
	User Rank	1
	Accept Presence Subscription	N
	Accept Out-of-dialog REFER	N
	Accept Unsolicited Notification	N
	Accept Replaces Header	N
	Device Information	
	Controlled Devices	
	CTI Controlled Device Profiles	
	CAPF Information	
	Associated CAPF Profiles	

Application User	
User ID	**Information**
	Permissions Information
	Groups
	Roles
app2	**Application User Information**
	BLF Presence Group: Standard Presence group
	User Rank: 1
	Accept Presence Subscription: N
	Accept Out-of-dialog REFER: N
	Accept Unsolicited Notification: N
	Accept Replaces Header: N
	Device Information
	Controlled Devices
	CTI Controlled Device Profiles
	CAPF Information
	Associated CAPF Profiles: 2
	Permissions Information
	Groups
	Roles
AXL_User	**Application User Information**
	BLF Presence Group: Standard Presence group
	User Rank: 1
	Accept Presence Subscription: N
	Accept Out-of-dialog REFER: N
	Accept Unsolicited Notification: N
	Accept Replaces Header: N
	Device Information
	Controlled Devices
	CTI Controlled Device Profiles
	CAPF Information
	Associated CAPF Profiles
	Permissions Information
	Groups: AXL Group Standard CCM Server Monitoring
	Roles: Standard AXL API Users Standard AXL Read Only API Access Standard CCM Admin Users Standard CCMADMIN Read Only Standard SERVICEABILITY
INFORMACAST	**Application User Information**
	BLF Presence Group: Standard Presence group
	User Rank: 1
	Accept Presence Subscription: N
	Accept Out-of-dialog REFER: N
	Accept Unsolicited Notification: N
	Accept Replaces Header: N
	Device Information
	Controlled Devices
	CTI Controlled Device Profiles
	CAPF Information
	Associated CAPF Profiles
	Permissions Information

Application User		
User ID	**Information**	
	Groups	InformaCast AXL User Group Standard CTI Allow Control of All Devices Standard CTI Allow Control of Phones supporting Connected Xfer and conf Standard CTI Allow Control of Phones supporting Rollover Mode Standard CTI Enabled
	Roles	Standard AXL API Access Standard CTI Allow Control of All Devices Standard CTI Allow Control of Phones supporting Connected Xfer and conf Standard CTI Allow Control of Phones supporting Rollover Mode Standard CTI Enabled
uplinx_pct-mkunz	**Application User Information**	
	BLF Presence Group	Standard Presence group
	User Rank	1
	Accept Presence Subscription	N
	Accept Out-of-dialog REFER	N
	Accept Unsolicited Notification	N
	Accept Replaces Header	N
	Device Information	
	Controlled Devices	
	CTI Controlled Device Profiles	
	CAPF Information	
	Associated CAPF Profiles	
	Permissions Information	
	Groups	Standard CCM Admin Users Standard CCM Server Monitoring Standard CTI Allow Call Monitoring Standard CTI Allow Call Park Monitoring Standard CTI Allow Call Recording Standard CTI Allow Control of All Devices Standard CTI Allow Control of Phones supporting Connected Xfer and conf Standard CTI Allow Control of Phones supporting Rollover Mode Standard CTI Enabled Standard EM Authentication Proxy Rights
	Roles	Standard CCM Admin Users Standard CCMADMIN Read Only Standard CTI Allow Call Monitoring Standard CTI Allow Call Park Monitoring Standard CTI Allow Call Recording Standard CTI Allow Control of All Devices Standard CTI Allow Control of Phones supporting Connected Xfer and conf Standard CTI Allow Control of Phones supporting Rollover Mode Standard CTI Enabled Standard CUReporting Standard CUReporting Authentication Standard EM Authentication Proxy Rights Standard SERVICEABILITY

7.2 End User (Condensed)

End users are all users associated with a physical person and an interactive login. This category includes all IP Telephony users as well as Cisco Unified Communications Manager (CUCM) administrators when using the User Groups and Roles configuration (equivalent to the Cisco Multilevel Administration feature in prior Cisco Unified Communications Manager (CUCM) versions). The following is a condensed table with the most important end user settings.

End User (Condensed)										
User ID	First name	Last name	Telephone Number	Department	User Status	Controlled Devices	Controlled Profiles	Primary Extension	Groups	Roles
1300.ORANGE	1300	ORANGE			Active LDAP Synchronized User					
aberg	Alec	Berg	+61290025003		Active LDAP Synchronized User					
agent1	agent1	UCCX			Active LDAP Synchronized User					
agent2	agent2	UCCX			Active LDAP Synchronized User					
ajolie	Angelina	Jolie	+61890008000		Active LDAP Synchronized User					
akutcher	Ashton	Kutcher	4001	Actors	Active LDAP Synchronized User					
aps_user_template	APS	UserTemplate			Active LDAP Synchronized User					
aps01	aps	01	+61290004176		Active LDAP Synchronized User					
aps02	aps	02	+61290004017		Active LDAP Synchronized User					
aps03	aps	03	+61290004018		Active LDAP Synchronized User					

End User (Condensed)										
User ID	First name	Last name	Telephone Number	Department	User Status	Controlled Devices	Controlled Profiles	Primary Extension	Groups	Roles
aps04	aps	04	4004		Active LDAP Synchronized User					
aps05	aps	05	+61290004021		Active LDAP Synchronized User					
apstest1	Test1	APS			Active LDAP Synchronized User					
asterix	Asterix	TheGaulois	+8900015011		Active LDAP Synchronized User					
bbreu	Beat	Breu	+61290005005		Active LDAP Synchronized User					
bpitt	Brad	Pitt	61890008005	BradPitts	Active LDAP Synchronized User					
bwayne	Bruce	Wayne		Fictional	Active LDAP Synchronized User					
bwillis	Bruce	Willis	+442070877600		Active LDAP Synchronized User					
ceastwood	Clint	Eastwood	+61255780093		Active LDAP Synchronized User					
crsadmin	crsadmin	UCCX			Active LDAP Synchronized User					
cttest01	ct	test01	98777777		Active LDAP Synchronized User					
cttest03	ct	test03			Active LDAP Synchronized User					
dmoore	Demi	Moore	0340003005		Active LDAP					

End User (Condensed)										
User ID	First name	Last name	Telephone Number	Department	User Status	Controlled Devices	Controlled Profiles	Primary Extension	Groups	Roles
					Synchronized User					
dotfirst	dotfirst	.			Active LDAP Synchronized User					
ebachman	Erlich	Bachman	+61290005011	Fictional	Active LDAP Synchronized User					
eldee	El	Ess			Active LDAP Synchronized User					
elled	Elle	Diess	4005		Active LDAP Synchronized User					
emauto_Friday1	emauto	Friday	8533		Active LDAP Synchronized User					
emauto_Monday1	emautoFirst	Monday1	38600		Active LDAP Synchronized User					
emauto_Tuesday	emauto	Tuesday	+61890008004		Active LDAP Synchronized User					
emauto_Wed	Emauto	Wed			Active LDAP Synchronized User					
emauto15	emauto15	LAST	8000		Active LDAP Synchronized User					
emauto16	emauto16	LAST2			Active LDAP Synchronized User					
epage	Ellen	Page	+6129004002	Actors	Active LDAP Synchronized User					
FMG_Last	First	Last			Active LDAP Synchronized					

End User (Condensed)										
User ID	First name	Last name	Telephone Number	Department	User Status	Controlled Devices	Controlled Profiles	Primary Extension	Groups	Roles
					User					
FMG_SiteNotExists	FMG_SiteNotExists	Last			Active LDAP Synchronized User					
FMG10	FMG10	Last10	+18474307003		Active LDAP Synchronized User					
fmg16	fmg16XX	testZZ	4402		Active LDAP Synchronized User					
fmg17	fmg17	last			Active LDAP Synchronized User					
FMG25	FMG25	LAst			Active LDAP Synchronized User					
fmg4	FMG4	Last5	81554405		Active LDAP Synchronized User					
fmg6	fmg6	test	7004		Active LDAP Synchronized User					
FMG7	FMG7	TEST	1044565456		Active LDAP Synchronized User					
fmg9	fmg9	Last	7966		Active LDAP Synchronized User					
FMGconsole1	Console1	FMG			Active LDAP Synchronized User					
gclooney	George	Clooney	55000		Active LDAP Synchronized User					
gdepardieu	Gerard	Depardieu	4014		Active LDAP Synchronized User					

End User (Condensed)										
User ID	First name	Last name	Telephone Number	Department	User Status	Controlled Devices	Controlled Profiles	Primary Extension	Groups	Roles
gpaltrow	Gwyneth	Paltrow	4012		Active LDAP Synchronized User					
harold	Harold	Xie	4005		Active LDAP Synchronized User					
hford	Harrison	Ford			Active LDAP Synchronized User					
jacktheripper	Jack	TheRipper			Active LDAP Synchronized User					
jcarrey	Jim	Carrey			Active LDAP Synchronized User					
jdelpotro	Juan Martin	Del Potrooooooooooooooooooooooo			Active LDAP Synchronized User					
jdunn	Jared	Dunn		Fictional	Active LDAP Synchronized User					
jhoward	John	Howard	3000	Research	Active LDAP Synchronized User					
jjones	James	Earl Jones	55000		Active LDAP Synchronized User					
jlemmon	Jack	Lemmon	9100	Admin	Active LDAP Synchronized User					
jmorrison	Jim	Morrison	+61890008000		Active LDAP Synchronized User					
jnicholson	Jack	Nicholson	7766	Admin	Active LDAP Synchronized User					
john.smith	John	Smith			Active LDAP					

End User (Condensed)										
User ID	First name	Last name	Telephone Number	Department	User Status	Controlled Devices	Controlled Profiles	Primary Extension	Groups	Roles
					Synchronized User					
jparsons	Jim	Parsons		Actors	Active LDAP Synchronized User					
jroberts	Julia	Roberts	+61290025013		Active LDAP Synchronized User					
jseinfield	Jerry	Seinfield	+61290025024		Active LDAP Synchronized User					
kcostner	Kevin	Costner	4566	Research	Active LDAP Synchronized User					
kspacey	Kevin	Spacey			Active LDAP Synchronized User					
kwatanabe	Ken	Watanabe	+61290025003	Actors	Active LDAP Synchronized User					
ldicaprio	Leonardo	DiCaprio			Active LDAP Synchronized User					
lds01	lds	ohone			Active LDAP Synchronized User					
ldstest01	LDS	Test01			Active LDAP Synchronized User					
ldstest02	lds	test02		newuser	Active LDAP Synchronized User					
ldstest03	lds	test03		newuser	Active LDAP Synchronized User					
ldstest04	lds	test04		newuser	Active LDAP Synchronized					

End User (Condensed)										
User ID	First name	Last name	Telephone Number	Department	User Status	Controlled Devices	Controlled Profiles	Primary Extension	Groups	Roles
					User					
ldstest06	lds	test06			Active LDAP Synchronized User					
ldstest07	lds	test07			Active LDAP Synchronized User					
ldstest08	lds	test08			Active LDAP Synchronized User					
ldstest09	lds	test09			Active LDAP Synchronized User					
ldstest10	lds	test10			Active LDAP Synchronized User					
ldstest11	lds	test11		LDSDept33	Active LDAP Synchronized User					
ldstest12	lds	test12		TESTDEPT	Active LDAP Synchronized User					
ldstest13	lds	test13		ATEST	Active LDAP Synchronized User					
ldstest14	lds	test14			Active LDAP Synchronized User					
mbuser1	mbuser1	Test			Active LDAP Synchronized User					
mbuser18	mbuser18	last	+17707773610		Active LDAP Synchronized User					
mbuser19	mbuser19XX	LastYY	7022		Active LDAP Synchronized User					

End User (Condensed)										
User ID	First name	Last name	Telephone Number	Department	User Status	Controlled Devices	Controlled Profiles	Primary Extension	Groups	Roles
mbuser2	mbuser2	Last			Active LDAP Synchronized User					
mdouglas	Michael	Douglas			Active LDAP Synchronized User					
mfreeman	Morgan	Freeman			Active LDAP Synchronized User					
mgibson	Mel	Gibson	7089	Sales	Active LDAP Synchronized User					
mkadmin	Michael	Admin			Active LDAP Synchronized User					
mkunz	Michael	Kunz			Active LDAP Synchronized User					
pdinklage	Peter	Dinklage	+61386127601	Research	Active LDAP Synchronized User					
phoneadmin	phoneadmin	Admin			Active LDAP Synchronized User					
ps	Provisioning	System			Active LDAP Synchronized User					
putin	Vladimir	Putin			Active LDAP Synchronized User					
rdeniro	Robert	DeNiro			Active LDAP Synchronized User					
rdstestuserA	rdstest	userA			Active LDAP Synchronized User					
rdstestuserB	rdstest	userB			Active LDAP					

End User (Condensed)										
User ID	First name	Last name	Telephone Number	Department	User Status	Controlled Devices	Controlled Profiles	Primary Extension	Groups	Roles
					Synchronized User					
rredford	Robert	Redford			Active LDAP Synchronized User					
rsnow	Ramsay	Snow	+61290005017	Fictional	Active LDAP Synchronized User					
sconnery	Sean	Connery			Active LDAP Synchronized User					
specialchars	Dávid	Trüber	4011	Dep€uro	Active LDAP Synchronized User					
specialchars2	中文	test			Active LDAP Synchronized User					
spenn	Sean	Penn	4200		Active LDAP Synchronized User					
sturner	Sophie	Turner	+61790003000	Actors	Active LDAP Synchronized User					
supervisor1	supervisor1	UCCX			Active LDAP Synchronized User					
test1em	test1	em			Active LDAP Synchronized User					
test20aps	Test20	APS			Active LDAP Synchronized User					
testem	test	em			Active LDAP Synchronized User					
testlast	test	last	+61290005018		Active LDAP Synchronized					

End User (Condensed)										
User ID	First name	Last name	Telephone Number	Department	User Status	Controlled Devices	Controlled Profiles	Primary Extension	Groups	Roles
					User					
testuser01	test	user01	55590387		Active LDAP Synchronized User					
testuser02	test	user02	65577783	IT	Active LDAP Synchronized User					
testuser03	test	user03	55593872	Finance	Active LDAP Synchronized User					
testuser04	test	user04	777877787		Active LDAP Synchronized User					
testuser05	test	user05	76767676	Risk	Active LDAP Synchronized User					
thanks	Tom	Hanks			Active LDAP Synchronized User					
uptest01	up	uptest01	40404590		Active LDAP Synchronized User					
uptest02	up	uptest02	80803002		Active LDAP Synchronized User					
User_template	User	Template			Active LDAP Synchronized User					
User_templateNoMob	User	TemplateNoMob			Active LDAP Synchronized User					

7.3 SIP Realm

The SIP Realm provides the trunk-side credentials when Cisco Unified Communications Manager gets challenged by a trunk peer.

When you configure digest authentication for SIP trunks, Cisco Unified Communications Manager challenges the identity of the SIP user agent that connects to the trunk every time the trunk sends a SIP request to Cisco Unified Communications Manager; the SIP user agent, in turn, can challenge the identity of Cisco Unified Communications Manager. For CUCM to respond to a challenge from the SIP user agent, you must configure the SIP realm for Cisco Unified Communications Manager.

SIP Realm	
Realm	**User**
Realm1	admin

7.4 User Settings

The following chapters contain the configuration of user settings:

- Credential Policy Default
- Credential Policy
- Role
- Access Control Group
- Application User CAPF Profile
- End User CAPF Profile
- UC Service (for CUCM 9.0 and later)
- Service Profile (for CUCM 9.0 and later)
- User Profile (for CUCM 10.0 and later)
- User Rank
- User Group

7.4.1 Credential Policy Default

The Credential Policy Default window provides options to change the default credential policy assignment for a user and credential type (for example, end user PINs).

At installation, Cisco Unified Communications Manager assigns the system Default Credential Policy to end user passwords, end user PINS, and application user passwords. The system applies the application password that you configured at installation to all application users. You can assign a new default credential policy and configure new default credentials after installation.

Credential Policy Default			
Name	**Credential User**	**Credential Type**	**Info**
Default Credential Policy	Application User	Password	**Credential Policy Default Information** User Cannot Change: N User Must Change at Next Login: Y Does Not Expire: N
Default Credential Policy	End User	Password	**Credential Policy Default Information** User Cannot Change: N User Must Change at Next Login: Y Does Not Expire: N
Default Credential Policy	End User	PIN	**Credential Policy Default Information** User Cannot Change: N User Must Change at Next Login: Y Does Not Expire: N

7.4.2 Credential Policy

A Credential Policy comprises a set of rules that controls access to a system or network resource. A credential policy defines password requirements and account lockouts for user accounts. Credential policies that are assigned to user accounts control the authentication process in Cisco Unified Communications Manager. After you add a credential policy, you can assign the new policy as the default policy for a credential type or to an individual application or end user.

Credential Policy		
Display Name	**Credential Policy Information**	
uplinx_pct_credential_policy	Failed Logon	5
	Reset Failed Logon Attempts Every (minutes)	30
	Lockout Duration (minutes)	30
	Minimum Duration Between Credential Changes (minutes)	0
	Credential Expires After (days)	0 (Never Expires)
	Minimum Credential Length	1
	Stored Number of Previous Credentials	0
	Inactive Days Allowed	0
	Expiry Warning Days	0
	Check for Trivial Passwords	N
Default Credential Policy (S)	Failed Logon	5
	Reset Failed Logon Attempts Every (minutes)	30
	Lockout Duration (minutes)	30
	Minimum Duration Between Credential Changes (minutes)	0
	Credential Expires After (days)	0 (Never Expires)
	Minimum Credential Length	1
	Stored Number of Previous Credentials	0
	Inactive Days Allowed	0
	Expiry Warning Days	0
	Check for Trivial Passwords	N
Enhanced Security Credential Policy (S)	Failed Logon	3
	Reset Failed Logon Attempts Every (minutes)	15
	Lockout Duration (minutes)n	0 (Administrator Must Unlock)
	Minimum Duration Between Credential Changes (minutes)	1440
	Credential Expires After (days)	60
	Minimum Credential Length	12
	Stored Number of Previous Credentials	12
	Inactive Days Allowed	0
	Expiry Warning Days	0
	Check for Trivial Passwords	Y

7.4.3 Role

Roles allow to configure end users and application users with different levels of privilege. Administrators with full administration privilege configure roles and user groups. In general, full-access administration users configure the privilege of other administration users and end users to Cisco Unified Communications Manager Administration and to other applications.

Roles comprise groups of resources for an application. At installation, default standard roles get created for various administrative functions. You may, however, create custom roles that comprise custom groupings of resources for an application.

Different levels of privilege exist for each application. For the Cisco Unified Communications Manager Administration application, two levels of privilege exist: read privilege and update privilege.

Role				
Name	**Description**	**Is Standard**	**Application**	**Role Assignment**
Standard AXL API Access	Access the AXL APIs	Y	Cisco Call Manager AXL Database	AXL Database API (Allow to use API)
Standard AXL API Users	All users with access to AXL APIs	Y		
Standard AXL Read Only API Access	Access the AXL Read Only APIs	Y	Cisco Call Manager AXL Database Read Only	Execute SQL Query (Allow to use API) Get Api (Allow to use API) List Api (Allow to use API)
Standard Admin Rep Tool Admin	Administer CAR	Y		
Standard Audit Log Administration	Serviceability Audit Log Administration	Y	Cisco Call Manager Serviceability	Audit Configuration (read, update) Audit Trace (read, update) Control Center - Network Services web page (read, update) RTMT->Alert Config (read, update) RTMT->Profile Saving (read, update) Real Time Monitoring Tool (read, update) SOAP Control Center APIs (read, update) SOAP Realtime Informations and Control Center APIs (read, update) SOAP Realtime Informations and Control Center APIs 2 (read, update) Trace Collection Tool (read, update)
Standard CCM Admin Users	All users with access to CCM web site	Y	Cisco Call Manager Administration	Advanced Role Setting (read, update)
Standard CCM End Users	Access to CCM User Option Pages	Y		
Standard CCM Feature Management	Standard CCM Feature Management	Y	Cisco Call Manager Administration	Bulk Delete Call Pickup Group (read, update) Bulk Delete Client Matter Codes (read, update) Bulk Delete Forced Authorization Codes (read, update) Bulk Infrastructure Device Insert (insert, update) Bulk Insert Call Pickup Group (read, update) Bulk Insert Client Matter Codes (read, update) Bulk Insert Forced Authorization Codes (read, update) CMC Info (read, update) Call Park web pages (read, update) Call Pickup web pages (read, update) Conference Now web pages (read, update) ELIN Group Web Pages (read, update) Emergency Location Configuration Web Pages (read, update) Fac Info (read, update) Meet Me web pages (read, update) Message Waiting web pages (read, update) Phone Services web pages (read, update) Self Provisioning Configuration (read, update) Voice Mail Pilot web pages (read, update) Voice Mail Port Wizard web pages (read, update) Voice Mail Port web pages (read, update) Voice Mail Profile web pages (read, update)

Role				
Name	**Description**	**Is Standard**	**Application**	**Role Assignment**
Standard CCM Gateway Management	Standard CCM Gateway Management	Y	Cisco Call Manager Administration	Gate Keeper web pages (read, update) Gateway web pages (read, update) Trunk web pages (read, update)
Standard CCM Phone Management	Standard CCM Phone Management	Y	Cisco Call Manager Administration	BLF Speeddial (read, update) Bulk Export Phones (read, update) Bulk Insert UDP (read, update) CTI Route Point web pages (read, update) Default Device Profile web pages (read, update) Device Profile web pages (read, update) Directory Number web pages (read, update) Firmware Load web pages (read, update) Line Appearance web pages (read, update) Phone Activation Code Page (read) Phone Button Template web pages (read, update) Phone web pages (read, update) Reorder Info (read, update) Softkey Template web pages (read, update)
Standard CCM Route Plan Management	Standard CCM Route Plan Management	Y	Cisco Call Manager Administration	Application Dial Rules web pages (read, update) Calling Search Space web pages (read, update) Dial Rule Pattern Info (read, update) Dial Rules Info (read, update) Hunt List (read, update) Hunt Pilot (read, update) Line Group web pages (read, update) Local Route Group (read, update) Pattern Parameter Info (read, update) Route Filter web pages (read, update) Route Group web pages (read, update) Route List (read, update) Route Partition web pages (read, update) Route Pattern web pages (read, update) Route Pattern2 (read, update) Route Plan Report web pages (read, update) SIP Route Pattern (read, update) Time Period (read, update) Time Schedule (read, update) Translation Pattern web pages (read, update)
Standard CCM Service Management	Standard CCM Service Management	Y	Cisco Call Manager Administration	Annunciator web pages (read, update) Bulk Delete IPMA Managers (read, update) Bulk Delete IPMA Managers/Assistants (read, update) Bulk Insert IPMA Managers/Assistants (read, update) Conference Bridge web pages (read, update) IPMA Wizard web pages (read, update) IVR Source web pages (read, update) MOH Audio Source web pages (read, update) MOH Server web pages (read, update)

Role				
Name	**Description**	**Is Standard**	**Application**	**Role Assignment**
				Media Resource Group List web pages (read, update) Media Resource Group web pages (read, update) Media Termination Point web pages (read, update) Transcoder web pages (read, update)
Standard CCM System Management	Standard CCM System Management	Y	Cisco Call Manager Administration	AAR Group web pages (read, update) Bulk Job Scheduler pages (read, update) CallManager Group web pages (read, update) CallManager web pages (read, update) Date/Time Group web pages (read, update) Device Default web pages (read, update) Device Pool web pages (read, update) Enterprise Parameters web pages (read, update) Enterprise Phone Configuration (read, update) Location web pages (read, update) NTP Server (read, update) Presence Group (read, update) SCCP Security Profile (read, update) SIP Phone Security Profile (read, update) SIP Trunk Security Profile (read, update) SRST web pages (read, update) Server web pages (read, update)
Standard CCM User Management	Standard CCM User Management	Y	Cisco Call Manager Administration	Access Control for Permissions Information (read, update) Access Control for User Rank (read, update) Bulk Delete Users (read, update) Bulk Insert Users (read, update) Bulk Update Users (read, update) User can Add New Users (read, update) User can set User Passwords (read, update) User web pages (read, update)
Standard CCM User Privilege Management	Standard CCM User Privilege Management	Y	Cisco Call Manager Administration	Access Control Group web pages (read, update) Access Control for Permissions Information (read, read, update, update) Access Control for User Rank (read, read, update, update) Advanced Role Setting (read, update) Application User Web Pages (read, update) Cloud Onboarding Page (read, update) LDAP Search Configuration Page (read, update) Ldap Sync UserGroup (read, update) Line Template Page (read, update) Phone Add Page (read, update) Role web pages (read, update) User Rank web pages (read, update) User can Add New Users (read, read, update, update) User can set User Passwords (read, read, update, update) User web pages (read, update)

Role				
Name	**Description**	**Is Standard**	**Application**	**Role Assignment**
Standard CCMADMIN Administration	Administer all aspects of CCMAdmin system	Y	Cisco Call Manager Administration	AAR Group web pages (read, update) ALL License Device Usage Report (read, update) Access Control Group web pages (read, update) Access Control for Permissions Information (read, read, update, update) Access Control for User Rank (read, read, update, update) Access List (read, update) Add Unity User (read, update) Advanced License Device Usage Report (read, update) Advanced License User Usage Report (read, update) Advanced Presence Settings (read, update) Advanced Role Setting (read, update) Advertised Route Pattern (read, update) All License User Usage Report (read, update) Announcement (read, update) Annunciator web pages (read, update) Application Dial Rules web pages (read, update) Application Server (read, update) Application User CAPF (read, update) Application User Web Pages (read, update) Applications Listeners (read, update) Audio Codec Preference List (read, update) BLF Directed Call Park (read, update) BLF Speeddial (read, update) Basic License Device Usage Report (read, update) Basic License User Usage Report (read, update) Blocked Learned Pattern (read, update) Blocked Learned Patterns (read, update) Blocked Patterns (read, update) Bulk Add/Update Lines (read, update) Bulk Add/Update Phones (read, update) Bulk CUPS User Page (read, update) Bulk Config Tool Export (read, update) Bulk Config Tool Import (read, update) Bulk Config Tool Import Validation (read, update) Bulk Contact List Export (read, update) Bulk Contact List Update (read, update) Bulk Contacts Rename (read, update) Bulk Delete Access List (read, update) Bulk Delete Call Pickup Group (read, update) Bulk Delete Client Matter Codes (read, update) Bulk Delete Fallback Profile (read, update) Bulk Delete Forced Authorization Codes (read, update) Bulk Delete Gateways (read, update)

Role				
Name	**Description**	**Is Standard**	**Application**	**Role Assignment**
				Bulk Delete IPMA Assistants (read, update) Bulk Delete IPMA Managers (read, update) Bulk Delete IPMA Managers/Assistants (read, update) Bulk Delete Mobility Profiles (read, update) Bulk Delete Phones (read, update) Bulk Delete Remote Destination (read, update) Bulk Delete Remote Destination Profile (read, update) Bulk Delete UDP (read, update) Bulk Delete Users (read, update) Bulk Delete Vipr Enrolled DID Pattern Group (read, update) Bulk Delete Vipr Exclusion Number Group (read, update) Bulk Delete Vipr Route Filter Element (read, update) Bulk Delete Vipr Route Filter Group (read, update) Bulk EMCC Delete (read, update) Bulk EMCC Insert/Update (read, update) Bulk EMCC Template (read, update) Bulk Export Access List (read, update) Bulk Export Line Appearance (read, update) Bulk Export Mobility Profiles (read, update) Bulk Export Phones (read, update) Bulk Export Remote Destination (read, update) Bulk Export Remote Destination Profile (read, update) Bulk Export UDP (read, update) Bulk Export Users (read, update) Bulk File Upload Pages (read, read, update, update) Bulk Gateway File Format (read, update) Bulk Gateway Template (read, update) Bulk Generate Gateway Reports (read, update) Bulk Generate IPMA Assistant Reports (read, update) Bulk Generate IPMA Manager Reports (read, update) Bulk Generate Phone Reports (read, update) Bulk Generate UDP Reports (read, update) Bulk Generate User Reports (read, update) Bulk Infrastructure Device Insert (insert, update) Bulk Insert Access List (read, update) Bulk Insert Call Pickup Group (read, update) Bulk Insert Client Matter Codes (read, update) Bulk Insert Fallback Profile (read, update) Bulk Insert Forced Authorization Codes (read, update) Bulk Insert Gateways (read, update)

Role				
Name	**Description**	**Is Standard**	**Application**	**Role Assignment**
				Bulk Insert IPMA Managers/Assistants (read, update) Bulk Insert Imported Directory URI (read, update) Bulk Insert Intercom (read, update) Bulk Insert Mobility Profiles (read, update) Bulk Insert Phones (read, update) Bulk Insert Phones with Users (read, update) Bulk Insert Remote Destination (read, update) Bulk Insert Remote Destination Profile (read, update) Bulk Insert UDP (read, update) Bulk Insert Users (read, update) Bulk Insert Vipr Enrolled DID Pattern Group (read, update) Bulk Insert Vipr Exclusion Number Group (read, update) Bulk Insert Vipr Route Filter Element (read, update) Bulk Insert Vipr Route Filter Group (read, update) Bulk Intercom DN Template (read, update) Bulk Job Scheduler pages (read, read, update, update) Bulk Legacy Clients/Microsoft RCC (read, update) Bulk Migrate Phones (read, update) Bulk Phone & Users File Format (read, update) Bulk Phone File Format (read, update) Bulk Phone Migration (read, update) Bulk Phone Template (read, update) Bulk Region Matrix (read, update) Bulk Remote Destination Profile Add File Format (read, update) Bulk Remote Destination Profile Create File Format (read, update) Bulk Remote Destination Profile Template (read, update) Bulk Reset Password/PIN (read, update) Bulk Reset/Restart Phones (read, update) Bulk Secure TAPS (read, update) Bulk UDP File Format (read, update) Bulk UDP Intercom DN Add (read, update) Bulk UDP Intercom DN Update (read, update) Bulk UDP Template (read, update) Bulk Update Intercom (read, update) Bulk Update Line Appearance (read, update) Bulk Update Phones (read, update) Bulk Update UDP (read, update) Bulk Update Users (read, update) Bulk User CAPF Delete (read, update) Bulk User CAPF Export (read, update) Bulk User CAPF Insert (read, update) Bulk User Locales for TAPS (read, update) Bulk User Template (read, update) Bulk Validate Phones (read, update) Bulk Validate Phones/Users (read,

Role				
Name	**Description**	**Is Standard**	**Application**	**Role Assignment**
				update) Bulk Validate UDP (read, update) Bulk View TAPS Log File (read, update) Bulk Wipe/Lock Phones (read, update) CCD Advertising Service Profile (read, update) CCD Feature Configuration (read, update) CCD Requesting Service Profile (read, update) CCMCIP Profile (read, update) CMC Info (read, update) CTI Route Point web pages (read, update) CUMA Server Security Profile (read, update) Call Control Agent Profile (read, update) Call Control Discovery Partition (read, update) Call Park web pages (read, update) Call Pickup web pages (read, update) CallManager Group web pages (read, update) CallManager web pages (read, update) Called Party Tracing (read, read, update, update) Called Party Transformation Pattern (read, update) Calling Search Space web pages (read, update) Centralized Deployment (read, update) Certificate Import Tool (read, update) Certificate web pages (read, update) Client Types (read, update) Cloud Onboarding Page (read, update) Common Device Mobility Profile (read, update) Common Phone Profile (read, update) Compliance (read, update) Compliance Change Password (read, update) Compliance Disable Encryption (read, update) Compliance Download Encryption (read, update) Compliance Profile (read, update) Compliance Profile Routing Priority (read, update) Conference Bridge web pages (read, update) Conference Now web pages (read, update) Confidential Access Level (read, update) Credential (read, update) Credential Policy (read, update) Credential Policy Default (read, update) Cross-Origin Resource Sharing (read, update) DHCP Server Web Pages (read, update) DHCP Subnet Web Pages (read, update) DNA Analyser (read, update)

Role				
Name	**Description**	**Is Standard**	**Application**	**Role Assignment**
				DNA Control Center (read, update) DNA Dump Da Information (read, update) DNA Gateways (read, update) DNA Multiple Analyser (read, update) DNA Phones (read, update) DNA Trunks (read, update) DNA View Files (read, update) DRF Restore Warning Page (read, update) DRF Schedule Page (read, update) DRF Show Dependency Page (read, update) DRF Show Status Page (read, update) Dashboard (read, update) Date/Time Group web pages (read, update) Default Device Profile web pages (read, update) Delete Unassigned DN (read, update) Device Default web pages (read, update) Device Mobility Group (read, update) Device Mobility Info (read, update) Device Pool web pages (read, update) Device Profile web pages (read, update) Dial Plan (read, update) Dial Rule Pattern Info (read, update) Dial Rules Info (read, update) Directed Call Park (read, update) Directory Dial Rules pages (read, update) Directory Number web pages (read, update) Download Local Directory URI (read, update) E911 Messages (read, update) ELIN Group Web Pages (read, update) EMCC Feature Config (read, update) EMCC Intercluster Service Profile (read, update) EMCC Remote Cluster (read, update) EMCC Remote Cluster Service Override (read, update) Email Federated Domains (read, update) Emergency Location Configuration Web Pages (read, update) Emergency Notification Page (read, update) End User CAPF (read, update) Enhanced License Device Usage Report (read, update) Enhanced License User Usage Report (read, update) Enterprise Parameters web pages (read, read, update, update) Enterprise Phone Configuration (read, update) Essential License Device Usage Report (read, update) Essential License User Usage Report (read, update) Exchange Certificate Config (read, update) Exchange Certificate Detail (read, update)

Role				
Name	**Description**	**Is Standard**	**Application**	**Role Assignment**
				Export Local URIs (read, update) Export Non-presence Contact List (read, update) External Call Control Profile (read, update) External Database Jobs (read, update) External Database Settings (read, update) External File Server (read, update) Fac Info (read, update) FallBack Feature Configuration Page (read, update) Fallback Profile Web Pages (read, update) Feature Control Policy (read, update) Feature Group Template web pages (read, update) Federated Domains (read, update) File Transfer (read, update) Firmware Load web pages (read, update) Fixed MOH Audio Source (read, update) Fusion Registration Page (Gate Keeper web pages (read, update) Gateway Security Profile (read, update) Gateway web pages (read, update) General Certificate Config (read, update) Geolocation (read, update) Geolocation Filter (read, update) Geolocation Policy (read, update) Global Security Settings (read, update) Group Chat and Persistent Chat Settings (read, update) H323 Security Profile (read, update) HTTP Profile (read, update) Handoff Mobility Setup (read, update) Hosted DN Group (read, update) Hosted DN Patterns (read, update) Hunt List (read, update) Hunt Pilot (read, update) ILS Cluster View page (read, update) ILS web pages (read, update) IME Enrolled Group Web Pages (read, update) IME Enrolled Pattern Web Pages (read, update) IME Exclusion Group Web Pages (read, update) IME Exclusion Number Web Pages (read, update) IME Feature Configuration Page (read, update) IME Firewall Web Pages (read, update) IME Learned Route Web Pages (read, update) IME Server Web Pages (read, update) IME Service Web Pages (read, update) IME Transformation Web Pages (read, update) IME Trusted Element Web Pages (read, update) IME Trusted Group Web Pages (read, update) IME UCM External Address List Web

Role				
Name	**Description**	**Is Standard**	**Application**	**Role Assignment**
				Page (read, update) IPMA Wizard web pages (read, update) IVR Source web pages (read, update) Import Non-presence Contact List (read, update) Imported Directory URI (read, update) Imported Directory URI Catalog (read, update) Imported Pattern (read, update) Incoming SIP Proxy ACL (read, update) Inter-Clustering (read, update) Intercluster Directory URI Configuration (read, update) IntercomCallingSearchSpace (read, update) IntercomDirectoryNumber (read, update) IntercomRoutePartition (read, update) IntercomTranslation (read, update) Intradomian Federation Setup (read, update) LDAP Authentication Configuration Page (read, update) LDAP Custom Filter Configuration (read, update) LDAP Directory Configuration Pages (read, update) LDAP Hosts for Third Party Client Contact Search (read, update) LDAP Search Configuration Page (read, update) LDAP Settings for Third Party Client Contact Search (read, update) LDAP System Configuration Page (read, update) Ldap Sync UserGroup (read, update) Learned Alternate Numbers (read, update) Learned Directory URIs (read, update) Learned Object (read, update) Learned Patterns (read, update) Legacy Client Settings (read, update) License Device Usage Report (read, update) License User Usage Report (read, update) License User View Details (read, update) Licensing (read, update) Licensing Report (read, update) Line Appearance web pages (read, update) Line Group web pages (read, update) Line Template Page (read, update) Local Route Group (read, update) Location Bandwidth Manager Group (read, update) Location Bandwidth Manager(LBM) Intercluster Replication Group (read, update) Location web pages (read, update) MLPP Domain web pages (read, update) MOC Troubleshooter (read, update) MOH Audio Source Management web pages (read, update)

Role				
Name	**Description**	**Is Standard**	**Application**	**Role Assignment**
				MOH Audio Source web pages (read, update) MOH Server web pages (read, update) Media Resource Group List web pages (read, update) Media Resource Group web pages (read, update) Media Termination Point web pages (read, update) Meet Me web pages (read, update) Message Waiting web pages (read, update) Messaging Settings (read, update) Method/Event Routing (read, update) Microsoft RCC Settings (read, update) Microsoft RCC User Assignment (read, update) Mobile Voice Access (read, update) Mobility Configuration (read, update) Mobility Enterprise Feature Access (read, update) Mobility Profile (read, update) NTP Server (read, update) Network Access Profile (read, update) Notifications (read, update) Number Expansion (read, update) Outgoing SIP Proxy ACL (read, update) Page Layout Preference web pages (read, update) Panic Button Popup Page (read, read, update, update) Pattern Parameter Info (read, update) Phone Activation Code Page (read) Phone Add Page (read, update) Phone Button Layout web pages (read, update) Phone Button Template web pages (read, update) Phone Device Profile Page (read, update) Phone Migration (read, update) Phone Security Profile (read, update) Phone Service Subscribe Page (read, update) Phone Services web pages (read, update) Phone web pages (read, update) Physical Location (read, update) Plugin web pages (read, read, update, update) Premium License Device Usage Report (read, update) Premium License User Usage Report (read, update) Presence Domains (read, update) Presence Gateways (read, update) Presence Group (read, update) Presence License User Usage Report (read, update) Presence Redundancy Group (read, read, update, update) Presence Routing Settings (read, update) Presence Search (read, update) Presence Server Status (read, update) Presence Settings (read, update) Presence User Assignment (read, read,

Role				
Name	**Description**	**Is Standard**	**Application**	**Role Assignment**
				update, update) Professional License User Usage Report (read, update) Recording Profile (read, update) Region web pages (read, update) RemoteDestination (read, update) RemoteDestinationTemplate (read, read, update, update) Reorder Info (read, update) Resource Priority Namespace (read, update) Resource Priority Namespace List (read, update) Role web pages (read, update) Route Filter web pages (read, update) Route Group web pages (read, update) Route List (read, update) Route Partition web pages (read, update) Route Partitions For Learned Patterns (read, update) Route Pattern Popup Page (read, read, update, update) Route Pattern web pages (read, update) Route Pattern2 (read, update) Route Plan Report web pages (read, update) SAF Forwarder (read, update) SAF Security Profile (read, update) SAML Single Sign-On (read, update) SCCP Security Profile (read, update) SDP Transparency Profile (read, update) SIP Normalization Script (read, update) SIP Phone Security Profile (read, update) SIP Profile (read, update) SIP Realm (read, update) SIP Route Pattern (read, update) SIP Trunk Security Profile (read, update) SOAP Performance Informations APIs 2 (read, update) SRST Certificate (read, update) SRST web pages (read, update) SSO Wizard web pages (read, update) Search Documentation (read, update) Security Setting web pages (read, update) Self Provisioning Configuration (read, update) Server web pages (read, update) Service Parameter web pages (read, read, update, update) Service Profile web pages (read, update) Service Url Page (read, update) Softkey Template web pages (read, update) Speed Dial Page (read, update) Static Routes (read, update) Super Copy Info (read, update) Switches and Access Point Web Pages (read, update) TC Sysadmins (read, update)

Role				
Name	**Description**	**Is Standard**	**Application**	**Role Assignment**
				TLS Context (read, update) TLS Peer Subjects (read, update) Telepresence License Device Usage Report (read, update) Telepresence License User Usage Report (read, update) Text Chat Node Alias (read, update) Third Party Compliance Server (read, update) Time Period (read, update) Time Schedule (read, update) Topology (read, update) Transcoder web pages (read, update) Transformation Pattern (read, update) Transformation Profile Web Pages (read, update) Translation Pattern web pages (read, update) Troubleshooter (read, update) Trunk web pages (read, update) UC Service web pages (read, update) Universal Device Template web pages (read, update) Universal Line Template web pages (read, update) User Profile (read, update) User Rank web pages (read, update) User can Add New Users (read, read, update, update) User can set User Passwords (read, read, update, update) User web pages (read, update) VOH Server web pages (read, update) VPN Feature Config (read, update) VPN Gateway web pages (read, update) VPN Group web pages (read, update) VPN Profile (read, update) Voice Mail Pilot web pages (read, update) Voice Mail Port Wizard web pages (read, update) Voice Mail Port web pages (read, update) Voice Mail Profile web pages (read, update) Voice Mail web pages (read, update) Whats New (read, update) Wi-Fi Hotspot Profile (read, update) Wireless Access Point Controller Web Pages (read, update) Wireless LAN Profile (read, update) Wireless LAN Profile Group (read, update) XMPP Federation Policy (read, update) XMPP Federation Settings (read, update)
Standard CCMADMIN Read Only	Read access to all CCMAdmin resources	Y	Cisco Call Manager Administration	AAR Group web pages (read, update) ALL License Device Usage Report (read, update) Access Control Group web pages (read, update) Access Control for Permissions Information (read, read, update, update) Access Control for User Rank (read, read, update, update)

Role				
Name	**Description**	**Is Standard**	**Application**	**Role Assignment**
				Access List (read, update) Add Unity User (read, update) Advanced License Device Usage Report (read, update) Advanced License User Usage Report (read, update) Advanced Presence Settings (read, update) Advanced Role Setting (read, update) Advertised Route Pattern (read, update) All License User Usage Report (read, update) Announcement (read, update) Annunciator web pages (read, update) Application Dial Rules web pages (read, update) Application Server (read, update) Application User CAPF (read, update) Application User Web Pages (read, update) Applications Listeners (read, update) Audio Codec Preference List (read, update) BLF Directed Call Park (read, update) BLF Speeddial (read, update) Basic License Device Usage Report (read, update) Basic License User Usage Report (read, update) Blocked Learned Pattern (read, update) Blocked Learned Patterns (read, update) Blocked Patterns (read, update) Bulk Add/Update Lines (read, update) Bulk Add/Update Phones (read, update) Bulk CUPS User Page (read, update) Bulk Config Tool Export (read, update) Bulk Config Tool Import (read, update) Bulk Config Tool Import Validation (read, update) Bulk Contact List Export (read, update) Bulk Contact List Update (read, update) Bulk Contacts Rename (read, update) Bulk Delete Access List (read, update) Bulk Delete Call Pickup Group (read, update) Bulk Delete Client Matter Codes (read, update) Bulk Delete Fallback Profile (read, update) Bulk Delete Forced Authorization Codes (read, update) Bulk Delete Gateways (read, update) Bulk Delete IPMA Assistants (read, update) Bulk Delete IPMA Managers (read, update) Bulk Delete IPMA Managers/Assistants (read, update) Bulk Delete Mobility Profiles (read, update) Bulk Delete Phones (read, update) Bulk Delete Remote Destination (read,

Role				
Name	**Description**	**Is Standard**	**Application**	**Role Assignment**
				update) Bulk Delete Remote Destination Profile (read, update) Bulk Delete UDP (read, update) Bulk Delete Users (read, update) Bulk Delete Vipr Enrolled DID Pattern Group (read, update) Bulk Delete Vipr Exclusion Number Group (read, update) Bulk Delete Vipr Route Filter Element (read, update) Bulk Delete Vipr Route Filter Group (read, update) Bulk EMCC Delete (read, update) Bulk EMCC Insert/Update (read, update) Bulk EMCC Template (read, update) Bulk Export Access List (read, update) Bulk Export Line Appearance (read, update) Bulk Export Mobility Profiles (read, update) Bulk Export Phones (read, update) Bulk Export Remote Destination (read, update) Bulk Export Remote Destination Profile (read, update) Bulk Export UDP (read, update) Bulk Export Users (read, update) Bulk File Upload Pages (read, read, update, update) Bulk Gateway File Format (read, update) Bulk Gateway Template (read, update) Bulk Generate Gateway Reports (read, update) Bulk Generate IPMA Assistant Reports (read, update) Bulk Generate IPMA Manager Reports (read, update) Bulk Generate Phone Reports (read, update) Bulk Generate UDP Reports (read, update) Bulk Generate User Reports (read, update) Bulk Infrastructure Device Insert (insert, update) Bulk Insert Access List (read, update) Bulk Insert Call Pickup Group (read, update) Bulk Insert Client Matter Codes (read, update) Bulk Insert Fallback Profile (read, update) Bulk Insert Forced Authorization Codes (read, update) Bulk Insert Gateways (read, update) Bulk Insert IPMA Managers/Assistants (read, update) Bulk Insert Imported Directory URI (read, update) Bulk Insert Intercom (read, update) Bulk Insert Mobility Profiles (read, update) Bulk Insert Phones (read, update) Bulk Insert Phones with Users (read, update)

Role				
Name	**Description**	**Is Standard**	**Application**	**Role Assignment**
				Bulk Insert Remote Destination (read, update) Bulk Insert Remote Destination Profile (read, update) Bulk Insert UDP (read, update) Bulk Insert Users (read, update) Bulk Insert Vipr Enrolled DID Pattern Group (read, update) Bulk Insert Vipr Exclusion Number Group (read, update) Bulk Insert Vipr Route Filter Element (read, update) Bulk Insert Vipr Route Filter Group (read, update) Bulk Intercom DN Template (read, update) Bulk Job Scheduler pages (read, read, update, update) Bulk Legacy Clients/Microsoft RCC (read, update) Bulk Migrate Phones (read, update) Bulk Phone & Users File Format (read, update) Bulk Phone File Format (read, update) Bulk Phone Migration (read, update) Bulk Phone Template (read, update) Bulk Region Matrix (read, update) Bulk Remote Destination Profile Add File Format (read, update) Bulk Remote Destination Profile Create File Format (read, update) Bulk Remote Destination Profile Template (read, update) Bulk Reset Password/PIN (read, update) Bulk Reset/Restart Phones (read, update) Bulk Secure TAPS (read, update) Bulk UDP File Format (read, update) Bulk UDP Intercom DN Add (read, update) Bulk UDP Intercom DN Update (read, update) Bulk UDP Template (read, update) Bulk Update Intercom (read, update) Bulk Update Line Appearance (read, update) Bulk Update Phones (read, update) Bulk Update UDP (read, update) Bulk Update Users (read, update) Bulk User CAPF Delete (read, update) Bulk User CAPF Export (read, update) Bulk User CAPF Insert (read, update) Bulk User Locales for TAPS (read, update) Bulk User Template (read, update) Bulk Validate Phones (read, update) Bulk Validate Phones/Users (read, update) Bulk Validate UDP (read, update) Bulk View TAPS Log File (read, update) Bulk Wipe/Lock Phones (read, update) CCD Advertising Service Profile (read, update) CCD Feature Configuration (read, update) CCD Requesting Service Profile (read,

Role				
Name	**Description**	**Is Standard**	**Application**	**Role Assignment**
				update) CCMCIP Profile (read, update) CMC Info (read, update) CTI Route Point web pages (read, update) CUMA Server Security Profile (read, update) Call Control Agent Profile (read, update) Call Control Discovery Partition (read, update) Call Park web pages (read, update) Call Pickup web pages (read, update) CallManager Group web pages (read, update) CallManager web pages (read, update) Called Party Tracing (read, read, update, update) Called Party Transformation Pattern (read, update) Calling Search Space web pages (read, update) Centralized Deployment (read, update) Certificate Import Tool (read, update) Certificate web pages (read, update) Client Types (read, update) Cloud Onboarding Page (read, update) Common Device Mobility Profile (read, update) Common Phone Profile (read, update) Compliance (read, update) Compliance Change Password (read, update) Compliance Disable Encryption (read, update) Compliance Download Encryption (read, update) Compliance Profile (read, update) Compliance Profile Routing Priority (read, update) Conference Bridge web pages (read, update) Conference Now web pages (read, update) Confidential Access Level (read, update) Credential (read, update) Credential Policy (read, update) Credential Policy Default (read, update) Cross-Origin Resource Sharing (read, update) DHCP Server Web Pages (read, update) DHCP Subnet Web Pages (read, update) DNA Analyser (read, update) DNA Control Center (read, update) DNA Dump Da Information (read, update) DNA Gateways (read, update) DNA Multiple Analyser (read, update) DNA Phones (read, update) DNA Trunks (read, update) DNA View Files (read, update) DRF Restore Warning Page (read, update)

Role				
Name	**Description**	**Is Standard**	**Application**	**Role Assignment**
				DRF Schedule Page (read, update) DRF Show Dependency Page (read, update) DRF Show Status Page (read, update) Dashboard (read, update) Date/Time Group web pages (read, update) Default Device Profile web pages (read, update) Delete Unassigned DN (read, update) Device Default web pages (read, update) Device Mobility Group (read, update) Device Mobility Info (read, update) Device Pool web pages (read, update) Device Profile web pages (read, update) Dial Plan (read, update) Dial Rule Pattern Info (read, update) Dial Rules Info (read, update) Directed Call Park (read, update) Directory Dial Rules pages (read, update) Directory Number web pages (read, update) Download Local Directory URI (read, update) E911 Messages (read, update) ELIN Group Web Pages (read, update) EMCC Feature Config (read, update) EMCC Intercluster Service Profile (read, update) EMCC Remote Cluster (read, update) EMCC Remote Cluster Service Override (read, update) Email Federated Domains (read, update) Emergency Location Configuration Web Pages (read, update) Emergency Notification Page (read, update) End User CAPF (read, update) Enhanced License Device Usage Report (read, update) Enhanced License User Usage Report (read, update) Enterprise Parameters web pages (read, read, update, update) Enterprise Phone Configuration (read, update) Essential License Device Usage Report (read, update) Essential License User Usage Report (read, update) Exchange Certificate Config (read, update) Exchange Certificate Detail (read, update) Export Local URIs (read, update) Export Non-presence Contact List (read, update) External Call Control Profile (read, update) External Database Jobs (read, update) External Database Settings (read, update) External File Server (read, update) Fac Info (read, update)

Role				
Name	**Description**	**Is Standard**	**Application**	**Role Assignment**
				FallBack Feature Configuration Page (read, update) Fallback Profile Web Pages (read, update) Feature Control Policy (read, update) Feature Group Template web pages (read, update) Federated Domains (read, update) File Transfer (read, update) Firmware Load web pages (read, update) Fixed MOH Audio Source (read, update) Fusion Registration Page (Gate Keeper web pages (read, update) Gateway Security Profile (read, update) Gateway web pages (read, update) General Certificate Config (read, update) Geolocation (read, update) Geolocation Filter (read, update) Geolocation Policy (read, update) Global Security Settings (read, update) Group Chat and Persistent Chat Settings (read, update) H323 Security Profile (read, update) HTTP Profile (read, update) Handoff Mobility Setup (read, update) Hosted DN Group (read, update) Hosted DN Patterns (read, update) Hunt List (read, update) Hunt Pilot (read, update) ILS Cluster View page (read, update) ILS web pages (read, update) IME Enrolled Group Web Pages (read, update) IME Enrolled Pattern Web Pages (read, update) IME Exclusion Group Web Pages (read, update) IME Exclusion Number Web Pages (read, update) IME Feature Configuration Page (read, update) IME Firewall Web Pages (read, update) IME Learned Route Web Pages (read, update) IME Server Web Pages (read, update) IME Service Web Pages (read, update) IME Transformation Web Pages (read, update) IME Trusted Element Web Pages (read, update) IME Trusted Group Web Pages (read, update) IME UCM External Address List Web Page (read, update) IPMA Wizard web pages (read, update) IVR Source web pages (read, update) Import Non-presence Contact List (read, update) Imported Directory URI (read, update) Imported Directory URI Catalog (read, update) Imported Pattern (read, update)

Role				
Name	**Description**	**Is Standard**	**Application**	**Role Assignment**
				Incoming SIP Proxy ACL (read, update) Inter-Clustering (read, update) Intercluster Directory URI Configuration (read, update) IntercomCallingSearchSpace (read, update) IntercomDirectoryNumber (read, update) IntercomRoutePartition (read, update) IntercomTranslation (read, update) Intradomian Federation Setup (read, update) LDAP Authentication Configuration Page (read, update) LDAP Custom Filter Configuration (read, update) LDAP Directory Configuration Pages (read, update) LDAP Hosts for Third Party Client Contact Search (read, update) LDAP Search Configuration Page (read, update) LDAP Settings for Third Party Client Contact Search (read, update) LDAP System Configuration Page (read, update) Ldap Sync UserGroup (read, update) Learned Alternate Numbers (read, update) Learned Directory URIs (read, update) Learned Object (read, update) Learned Patterns (read, update) Legacy Client Settings (read, update) License Device Usage Report (read, update) License User Usage Report (read, update) License User View Details (read, update) Licensing (read, update) Licensing Report (read, update) Line Appearance web pages (read, update) Line Group web pages (read, update) Line Template Page (read, update) Local Route Group (read, update) Location Bandwidth Manager Group (read, update) Location Bandwidth Manager(LBM) Intercluster Replication Group (read, update) Location web pages (read, update) MLPP Domain web pages (read, update) MOC Troubleshooter (read, update) MOH Audio Source Management web pages (read, update) MOH Audio Source web pages (read, update) MOH Server web pages (read, update) Media Resource Group List web pages (read, update) Media Resource Group web pages (read, update) Media Termination Point web pages (read, update) Meet Me web pages (read, update)

Role				
Name	**Description**	**Is Standard**	**Application**	**Role Assignment**
				Message Waiting web pages (read, update) Messaging Settings (read, update) Method/Event Routing (read, update) Microsoft RCC Settings (read, update) Microsoft RCC User Assignment (read, update) Mobile Voice Access (read, update) Mobility Configuration (read, update) Mobility Enterprise Feature Access (read, update) Mobility Profile (read, update) NTP Server (read, update) Network Access Profile (read, update) Notifications (read, update) Number Expansion (read, update) Outgoing SIP Proxy ACL (read, update) Page Layout Preference web pages (read, update) Pattern Parameter Info (read, update) Phone Activation Code Page (read) Phone Add Page (read, update) Phone Button Layout web pages (read, update) Phone Button Template web pages (read, update) Phone Device Profile Page (read, update) Phone Migration (read, update) Phone Security Profile (read, update) Phone Service Subscribe Page (read, update) Phone Services web pages (read, update) Phone web pages (read, update) Physical Location (read, update) Plugin web pages (read, read, update, update) Premium License Device Usage Report (read, update) Premium License User Usage Report (read, update) Presence Domains (read, update) Presence Gateways (read, update) Presence Group (read, update) Presence License User Usage Report (read, update) Presence Routing Settings (read, update) Presence Search (read, update) Presence Server Status (read, update) Presence Settings (read, update) Professional License User Usage Report (read, update) Recording Profile (read, update) Region web pages (read, update) RemoteDestination (read, update) RemoteDestinationTemplate (read, read, update, update) Reorder Info (read, update) Resource Priority Namespace (read, update) Resource Priority Namespace List (read, update) Role web pages (read, update) Route Filter web pages (read, update) Route Group web pages (read,

Role				
Name	**Description**	**Is Standard**	**Application**	**Role Assignment**
				update) Route List (read, update) Route Partition web pages (read, update) Route Partitions For Learned Patterns (read, update) Route Pattern web pages (read, update) Route Pattern2 (read, update) Route Plan Report web pages (read, update) SAF Forwarder (read, update) SAF Security Profile (read, update) SAML Single Sign-On (read, update) SCCP Security Profile (read, update) SDP Transparency Profile (read, update) SIP Normalization Script (read, update) SIP Phone Security Profile (read, update) SIP Profile (read, update) SIP Realm (read, update) SIP Route Pattern (read, update) SIP Trunk Security Profile (read, update) SOAP Performance Informations APIs 2 (read, update) SRST Certificate (read, update) SRST web pages (read, update) SSO Wizard web pages (read, update) Search Documentation (read, update) Security Setting web pages (read, update) Self Provisioning Configuration (read, update) Server web pages (read, update) Service Parameter web pages (read, read, update, update) Service Profile web pages (read, update) Service Url Page (read, update) Softkey Template web pages (read, update) Speed Dial Page (read, update) Static Routes (read, update) Super Copy Info (read, update) Switches and Access Point Web Pages (read, update) TC Sysadmins (read, update) TLS Context (read, update) TLS Peer Subjects (read, update) Telepresence License Device Usage Report (read, update) Telepresence License User Usage Report (read, update) Text Chat Node Alias (read, update) Third Party Compliance Server (read, update) Time Period (read, update) Time Schedule (read, update) Topology (read, update) Transcoder web pages (read, update) Transformation Pattern (read, update) Transformation Profile Web Pages (read, update) Translation Pattern web pages (read, update)

Role				
Name	**Description**	**Is Standard**	**Application**	**Role Assignment**
				Troubleshooter (read, update) Trunk web pages (read, update) UC Service web pages (read, update) Universal Device Template web pages (read, update) Universal Line Template web pages (read, update) User Profile (read, update) User Rank web pages (read, update) User can Add New Users (read, read, update, update) User can set User Passwords (read, read, update, update) User web pages (read, update) VOH Server web pages (read, update) VPN Feature Config (read, update) VPN Gateway web pages (read, update) VPN Group web pages (read, update) VPN Profile (read, update) Voice Mail Pilot web pages (read, update) Voice Mail Port Wizard web pages (read, update) Voice Mail Port web pages (read, update) Voice Mail Profile web pages (read, update) Voice Mail web pages (read, update) Whats New (read, update) Wi-Fi Hotspot Profile (read, update) Wireless Access Point Controller Web Pages (read, update) Wireless LAN Profile (read, update) Wireless LAN Profile Group (read, update) XMPP Federation Policy (read, update) XMPP Federation Settings (read, update)
Standard CCMUSER Administration	Administer all aspects of CCMUser system	Y	Cisco Call Manager End User	CCMUser: Device (read, update) CCMUser: Directory (read, update) CCMUser: IP Phone Services (read, update) CCMUser: Line Settings (read, update) CCMUser: Plugins (read, update) CCMUser: Service URL (read, update) CCMUser: Speed Dial User (read, update) CCMUser: User Settings (read, update)
Standard CTI Allow Call Monitoring	Allow monitoring of calls	Y	Cisco Computer Telephone Interface (CTI)	CTI Call Monitoring (allow monitoring)
Standard CTI Allow Call Park Monitoring	Allow monitoring of call park DNs	Y	Cisco Computer Telephone Interface (CTI)	CTI Call Park (allow retrieval)
Standard CTI Allow Call Recording	Allow recording of calls	Y	Cisco Computer Telephone Interface (CTI)	CTI Call Recording (allow recording)
Standard CTI Allow Calling Number Modification	Allow calling number modification	Y	Cisco Computer Telephone Interface (CTI)	CTI Calling Number (allow modification)
Standard CTI Allow Control of All Devices	Allow control of all CTI controllable devices	Y	Cisco Computer Telephone Interface (CTI)	CTI All Devices (allow control of all devices)

Role				
Name	**Description**	**Is Standard**	**Application**	**Role Assignment**
Standard CTI Allow Control of Phones supporting Connected Xfer and conf	Standard CTI Allow Control of Phones supporting Connected Xfer and conf	Y	Cisco Computer Telephone Interface (CTI)	Standard CTI Allow Control of Phones supporting Connected Xfer and conf (Allow Control)
Standard CTI Allow Control of Phones supporting Rollover Mode	Standard CTI Allow Control of Phones supporting Rollover Mode	Y	Cisco Computer Telephone Interface (CTI)	CTI Control of Phones supporting Rollover Mode (Allow Control)
Standard CTI Allow Reception of SRTP Key Material	Allows access to SRTP key material	Y	Cisco Computer Telephone Interface (CTI)	CTI Application (enable CTI SRTP key distribution, enable CTI security, enabled)
Standard CTI Enabled	Enable CTI application control	Y	Cisco Computer Telephone Interface (CTI)	CTI Application (enable CTI SRTP key distribution, enable CTI security, enabled)
Standard CTI Secure Connection	Application connection to CTI/CM must be secure	Y	Cisco Computer Telephone Interface (CTI)	CTI Application (enable CTI SRTP key distribution, enable CTI security, enabled)
Standard CUReporting	Allows application users to generate reports from various sources	Y	Cisco Unified Reporting	Download Report (read, read, update, update) Generate Report (read, read, update, update) Search Documentation (read, read, update, update) Show Report (read, read, update, update) System Reports (read, read, update, update) Upload Report (read, read, update, update)
Standard CUReporting Authentication	Allows users to authenticate to Cisco Unified Reporting page	Y	Cisco Unified Reporting	Download Report (read, read, update, update) Generate Report (read, read, update, update) Search Documentation (read, read, update, update) Show Report (read, read, update, update) System Reports (read, read, update, update) Upload Report (read, read, update, update)
Standard Confidential Access Level Users	All access to Confidential Access Level Pages only	Y	Cisco Call Manager Administration	Confidential Access Level (read, update)
Standard EM Authentication Proxy Rights	Manages EM Authentication Rights	Y	Cisco Extension Mobility	EM Proxy Rights (allow)
Standard Packet Sniffing	Access to CCM Pages for Enabling Sniffing	Y	Cisco Call Manager Administration	Enterprise Parameters web pages (read, update) Phone web pages (read, update) Service Parameter web pages (read, update)
Standard RealtimeAndTraceCollection	Realtime and Trace Collection	Y	Cisco Call Manager Serviceability	Audit Trace (read, update) Real Time Monitoring Tool (read, update) SOAP Backup and Restore APIs (read, update) SOAP CDR on Demand APIs (read, update) SOAP CDR on Demand APIs 2 (read, update) SOAP Control Center APIs (read,

Role				
Name	**Description**	**Is Standard**	**Application**	**Role Assignment**
				update) SOAP Control Center APIs 2 (read, update) SOAP Log Collection APIs (read, update) SOAP Log Collection APIs 2 (read, update) SOAP Performance Informations APIs (read, update) SOAP Performance Informations APIs 2 (read, update) SOAP Realtime Informations and Control Center APIs (read, update) SOAP Realtime Informations and Control Center APIs 2 (read, update) SOAP SNMP Config API (read, update) Trace Collection Tool (read, update)
Standard SERVICEABILITY	Standard Serviceability	Y	Cisco Call Manager Serviceability	Alarm Configuration web page (read, update) Alarm Definition web page (read, update) CDR Management (read, update) Call Home Configuration web page (read, update) Locations Assertions Detail web page (read, update) Locations Disconnected Groups web page (read, update) Locations Discrepancy web page (read, update) Locations Effective Path web page (read, update) Locations Topology web page (read, update) Log Partition Monitoring->Configuration web page (read, update) RTMT->Alert Config (read, update) RTMT->Profile Saving (read, update) Real Time Monitoring Tool (read, update) SNMP->V1/V2c->Configuration->Community String web page (read, update) SNMP->V1/V2c->Configuration->Notification Destination web page (read, update) SNMP->V3 Configuration->Notification Destination web page (read, update) SNMP->V3 Configuration->User web page (read, update) SNMP->system Group Configuration->MIB2 System Group Configuration web page (read, update) SOAP Backup and Restore APIs (read, update) SOAP CDR on Demand APIs (read, update) SOAP CDR on Demand APIs 2 (read, update) SOAP Call Record APIs (read, update) SOAP Control Center APIs (read, update) SOAP Control Center APIs 2 (read, update) SOAP Diagnostic Portal Database Service (read, update)

Role				
Name	**Description**	**Is Standard**	**Application**	**Role Assignment**
				SOAP Log Collection APIs (read, update) SOAP Log Collection APIs 2 (read, update) SOAP Performance Informations APIs (read, update) SOAP Performance Informations APIs 2 (read, update) SOAP Realtime Informations and Control Center APIs (read, update) SOAP Realtime Informations and Control Center APIs 2 (read, update) SOAP SNMP Config API (read, update) Serviceability Report Archive (read, update) Trace Configuration web page (read, update) Troubleshoot Trace Settings web page (read, update)
Standard SERVICEABILITY Administration	Administer all aspects of Serviceability system	Y	Cisco Call Manager Serviceability	Alarm Configuration web page (read, update) Alarm Definition web page (read, update) Audit Trace (read, update) CDR Management (read, update) Call Home Configuration web page (read, update) Control Center - Feature Services web page (read, update) Control Center - Network Services web page (read, update) DNA Analyser (read, update) DNA Control Center (read, update) DNA Dump Da Information (read, update) DNA Gateways (read, update) DNA Multiple Analyser (read, update) DNA Phones (read, update) DNA Trunks (read, update) DNA View Files (read, update) Locations Assertions Detail web page (read, update) Locations Disconnected Groups web page (read, update) Locations Discrepancy web page (read, update) Locations Effective Path web page (read, update) Locations Topology web page (read, update) Log Partition Monitoring->Configuration web page (read, update) Plugin web pages (read, update) RTMT->Alert Config (read, update) RTMT->Profile Saving (read, update) Real Time Monitoring Tool (read, update) SNMP->V1/V2c->Configuration->Community String web page (read, update) SNMP->V1/V2c->Configuration->Notification Destination web page (read, update) SNMP->V3 Configuration->Notification Destination web page (read, update) SNMP->V3 Configuration->User web

Role				
Name	**Description**	**Is Standard**	**Application**	**Role Assignment**
				page (read, update) SNMP->system Group Configuration->MIB2 System Group Configuration web page (read, update) SOAP Backup and Restore APIs (read, update) SOAP CDR on Demand APIs (read, update) SOAP CDR on Demand APIs 2 (read, update) SOAP Call Record APIs (read, update) SOAP Control Center APIs (read, update) SOAP Control Center APIs 2 (read, update) SOAP Diagnostic Portal Database Service (read, update) SOAP Log Collection APIs (read, update) SOAP Log Collection APIs 2 (read, update) SOAP Performance Informations APIs (read, update) SOAP Performance Informations APIs 2 (read, update) SOAP Realtime Informations and Control Center APIs (read, update) SOAP Realtime Informations and Control Center APIs 2 (read, update) SOAP SNMP Config API (read, update) SOAP Troubleshooter API (read, update) Service Activation web page (read, update) Serviceability Report Archive (read, update) Trace Collection Tool (read, update) Trace Configuration web page (read, update) Troubleshoot Trace Settings web page (read, update)
Standard SERVICEABILITY Read Only	Read access to all Serviceability resources	Y	Cisco Call Manager Serviceability	Alarm Configuration web page (read, update) Alarm Definition web page (read, update) Audit Trace (read, update) CDR Management (read, update) Call Home Configuration web page (read, update) Control Center - Feature Services web page (read, update) Control Center - Network Services web page (read, update) DNA Analyser (read, update) DNA Control Center (read, update) DNA Dump Da Information (read, update) DNA Gateways (read, update) DNA Multiple Analyser (read, update) DNA Phones (read, update) DNA Trunks (read, update) DNA View Files (read, update) Locations Assertions Detail web page (read, update) Locations Disconnected Groups web page (read, update) Locations Discrepancy web page

Role				
Name	**Description**	**Is Standard**	**Application**	**Role Assignment**
				(read, update) Locations Effective Path web page (read, update) Locations Topology web page (read, update) Log Partition Monitoring->Configuration web page (read, update) RTMT->Alert Config (read, update) RTMT->Profile Saving (read, update) Real Time Monitoring Tool (read, update) SNMP->V1/V2c->Configuration->Community String web page (read, update) SNMP->V1/V2c->Configuration->Notification Destination web page (read, update) SNMP->V3 Configuration->Notification Destination web page (read, update) SNMP->V3 Configuration->User web page (read, update) SNMP->system Group Configuration->MIB2 System Group Configuration web page (read, update) SOAP Backup and Restore APIs (read, update) SOAP CDR on Demand APIs (read, update) SOAP CDR on Demand APIs 2 (read, update) SOAP Call Record APIs (read, update) SOAP Control Center APIs (read, update) SOAP Control Center APIs 2 (read, update) SOAP Diagnostic Portal Database Service (read, update) SOAP Log Collection APIs (read, update) SOAP Log Collection APIs 2 (read, update) SOAP Performance Informations APIs (read, update) SOAP Performance Informations APIs 2 (read, update) SOAP Realtime Informations and Control Center APIs (read, update) SOAP Realtime Informations and Control Center APIs 2 (read, update) SOAP SNMP Config API (read, update) SOAP Troubleshooter API (read, update) Service Activation web page (read, update) Serviceability Report Archive (read, update) Trace Collection Tool (read, update) Trace Configuration web page (read, update) Troubleshoot Trace Settings web page (read, update)
Standard SSO Config Admin	Administers SAML SSO configuration	Y		
Standard System Service Management	Standard System Service Management	Y	Cisco Call Manager Serviceability	Control Center - Feature Services web page (read, update) Control Center - Network Services web

Role				
Name	**Description**	**Is Standard**	**Application**	**Role Assignment**
				page (read, update) Service Activation web page (read, update)

7.4.4 Access Control Group

User groups comprise lists of application users and end users. A user may belong to multiple user groups. After you add a user group, you then add users to a user group. Afterward, you may proceed to assign roles to a user group. If a user belongs to multiple user groups, the MLA permission enterprise parameter determines the effective privilege of the user.

Users with full access configure roles, user groups, and access privileges for roles. In general, full-access users configure the access of other users to Cisco Unified Communications Manager Administration. User groups comprise lists of application users and end users. A user may belong to multiple user groups. After you add a user group, you then add users to a user group. Afterward, you may proceed to assign roles to a user group. If a user belongs to multiple user groups, the MLA permission enterprise parameter determines the effective privilege of the user.

Access Control Group					
Name	**Is Standard**	**Min User Rank**	**Role Assignment**	**Assigned Application Users**	**Assigned End Users**
AXL Group	N	1	Standard AXL API Users Standard AXL Read Only API Access	AXL_User	
InformaCast AXL User Group	N	1	Standard AXL API Access	INFORMACAST	
Admin-3rd Party API	Y	1		presenceviewer admin (S)	
Application Client Users	Y	1			
Standard Audit Users	Y	1	Standard Audit Log Administration	admin (S)	
Standard CAR Admin Users	Y	1	Standard Admin Rep Tool Admin		
Standard CCM Admin Users	Y	1	Standard CCM Admin Users Standard CUReporting Standard CUReporting Authentication	uplinx_pct-mkunz CUCService (S)	
Standard CCM End Users	Y	1	Standard CCM End Users Standard CCMUSER Administration		
Standard CCM Gateway Administration	Y	1	Standard CCM Admin Users Standard CCM Gateway Management Standard CCMADMIN Read Only		
Standard CCM Phone Administration	Y	1	Standard CCM Admin Users Standard CCM Phone Management Standard CCMADMIN Read Only		
Standard CCM Read Only	Y	1	Standard CCM Admin Users Standard CCMADMIN Read Only Standard SERVICEABILITY Read Only		
Standard CCM Server Maintenance	Y	1	Standard CCM Admin Users Standard CCM Feature Management Standard CCM Service Management Standard CCM System Management Standard CCMADMIN Read Only Standard System Service Management		
Standard CCM Server Monitoring	Y	1	Standard CCM Admin Users Standard CCMADMIN Read Only Standard SERVICEABILITY	AXL_User uplinx_pct-mkunz	
Standard CCM Super Users	Y	1	Standard AXL API Access Standard Admin Rep Tool Admin Standard CCM Admin Users Standard CCMADMIN Administration Standard CUReporting	admin (S)	

Access Control Group					
Name	**Is Standard**	**Min User Rank**	**Role Assignment**	**Assigned Application Users**	**Assigned End Users**
			Standard CUReporting Authentication Standard EM Authentication Proxy Rights Standard SERVICEABILITY Administration Standard SSO Config Admin		
Standard CTI Allow Call Monitoring	Y	1	Standard CTI Allow Call Monitoring	uplinx_pct-mkunz	
Standard CTI Allow Call Park Monitoring	Y	1	Standard CTI Allow Call Park Monitoring	uplinx_pct-mkunz	
Standard CTI Allow Call Recording	Y	1	Standard CTI Allow Call Recording	uplinx_pct-mkunz	
Standard CTI Allow Calling Number Modification	Y	1	Standard CTI Allow Calling Number Modification		
Standard CTI Allow Control of All Devices	Y	1	Standard CTI Allow Control of All Devices	INFORMACAST uplinx_pct-mkunz CCMQRTSecureSysUser (S) CCMQRTSysUser (S) CCMSysUser (S) IPMASecureSysUser (S) IPMASysUser (S) WDSecureSysUser (S) WDSysUser (S)	
Standard CTI Allow Control of Phones supporting Connected Xfer and conf	Y	1	Standard CTI Allow Control of Phones supporting Connected Xfer and conf	INFORMACAST uplinx_pct-mkunz CCMQRTSecureSysUser (S) CCMQRTSysUser (S) IPMASysUser (S) WDSecureSysUser (S) WDSysUser (S)	
Standard CTI Allow Control of Phones supporting Rollover Mode	Y	1	Standard CTI Allow Control of Phones supporting Rollover Mode	INFORMACAST uplinx_pct-mkunz CCMQRTSecureSysUser (S) CCMQRTSysUser (S) WDSecureSysUser (S) WDSysUser (S)	
Standard CTI Allow Reception of SRTP Key Material	Y	1	Standard CTI Allow Reception of SRTP Key Material		
Standard CTI Enabled	Y	1	Standard CTI Enabled	INFORMACAST uplinx_pct-mkunz CCMQRTSecureSysUser (S) CCMQRTSysUser (S) CCMSysUser (S) IPMASecureSysUser (S) IPMASysUser (S) WDSecureSysUser (S) WDSysUser (S)	
Standard CTI Secure Connection	Y	1	Standard CTI Secure Connection	CCMQRTSecureSysUser (S) IPMASecureSysUser (S) WDSecureSysUser (S)	
Standard Confidential Access Level Users	Y	1	Standard CCM Admin Users Standard Confidential Access Level Users		
Standard EM Authentication Proxy	Y	1	Standard EM Authentication Proxy	uplinx_pct-mkunz	

Access Control Group					
Name	**Is Standard**	**Min User Rank**	**Role Assignment**	**Assigned Application Users**	**Assigned End Users**
Rights			Rights	CCMQRTSecureSysUser (S) CCMQRTSysUser (S) CCMSysUser (S) IPMASecureSysUser (S) IPMASysUser (S) WDSecureSysUser (S) WDSysUser (S)	
Standard EM Roaming Across Clusters Super Users	Y	1	Standard CCM End Users Standard CCMUSER Administration		
Standard Packet Sniffer Users	Y	1	Standard CCM Admin Users Standard Packet Sniffing		
Standard RealtimeAndTraceCollection	Y	1	Standard RealtimeAndTraceCollection	CUCService (S)	
Standard TabSync User	Y	1	Standard AXL API Access	TabSyncSysUser (S)	
Third Party Application Users	Y	1			

7.4.5 End User CAPF Profile

The End User CAPF Profile Configuration window in Cisco Unified Communications Manager Administration allows you to issue locally significant certificates to CTI clients. After you issue the certificate and perform other security-related tasks, the CTI client communicates with the CTIManager service via a TLS connection.

< No records found >

7.4.6 UC Service

Unified Communications (UC) services contain settings for voicemail, conferencing, CTI, and IM and Presence which are grouped into service profiles that are associated with end users. UC service settings are then downloaded by devices of users for seamless integration with the configured UC services.

The following Unified Communications (UC) services are configured:

UC Service	
Name	**Details**
UCVoiceMail	**UC Service Configuration** UC Service Type: Voicemail Product Type: Unity Connection Description: Host Name/IP Address: 10.5.1.121 Port: 443 Protocol: HTTP

7.4.7 Service Profile

Service Profiles that are associated with end users and are deployed to user devices. Each Service Profiles contains several Unified Communications (UC) services which defines settings for voicemail, conferencing, CTI, and IM and Presence. UC service settings are downloaded by devices of users for seamless integration with the configured UC services.

The following Service Profiles are configured:

Service Profile Configuration	
Name	**Details**
UCserviceProfile1	**UC Service Configuration** Description: UCserviceProfile1

Service Profile Configuration

Name	Details	
	Make this the default service profile for the system	N
	Voicemail Profile	
	Primary	< None >
	Secondary	< None >
	Tertiary	< None >
	Credentials Source	Not set
	MailStore Profile	
	Primary	< None >
	Secondary	< None >
	Tertiary	< None >
	Inbox Folder	INBOX
	Trash Folder	Deleted Items
	Polling Interval (in seconds)	60
	Allow dual folder mode	Y
	Conferencing Profile	
	Primary	< None >
	Secondary	< None >
	Tertiary	< None >
	Server Certificate Verification	Any Certificate
	Credentials Source	Not set
	Directory Profile	
	Primary	< None >
	Secondary	< None >
	Tertiary	< None >
	Use UDS for Contact Resolution	Y
	Use Logged On User Credential	Y
	Username	
	Search Base 1	
	Search Base 2	
	Search Base 3	
	Recursive Search on All Search Bases	Y
	Search Timeout (seconds)	5
	Base Filter (Only used for Advance Directory)	
	Predictive Search Filter (Only used for Advance Directory)	
	Allow Jabber to Search and Add Security Groups	N
	IM and Presence Profile	
	Primary	< None >
	Secondary	< None >
	Tertiary	< None >
	CTI Profile	
	Primary	< None >
	Secondary	< None >
	Tertiary	< None >
	Video Conference Scheduling Portal Profile	
	Primary	< None >
	Secondary	< None >
	Tertiary	< None >
UCserviceProfile2	**UC Service Configuration**	
	Description	UCserviceProfile2
	Make this the default service profile for the system	N

Service Profile Configuration		
Name	**Details**	
	Voicemail Profile	
	Primary	< None >
	Secondary	< None >
	Tertiary	< None >
	Credentials Source	Not set
	MailStore Profile	
	Primary	< None >
	Secondary	< None >
	Tertiary	< None >
	Inbox Folder	INBOX
	Trash Folder	Deleted Items
	Polling Interval (in seconds)	60
	Allow dual folder mode	Y
	Conferencing Profile	
	Primary	< None >
	Secondary	< None >
	Tertiary	< None >
	Server Certificate Verification	Any Certificate
	Credentials Source	Not set
	Directory Profile	
	Primary	< None >
	Secondary	< None >
	Tertiary	< None >
	Use UDS for Contact Resolution	Y
	Use Logged On User Credential	Y
	Username	
	Search Base 1	
	Search Base 2	
	Search Base 3	
	Recursive Search on All Search Bases	Y
	Search Timeout (seconds)	5
	Base Filter (Only used for Advance Directory)	
	Predictive Search Filter (Only used for Advance Directory)	
	Allow Jabber to Search and Add Security Groups	N
	IM and Presence Profile	
	Primary	< None >
	Secondary	< None >
	Tertiary	< None >
	CTI Profile	
	Primary	< None >
	Secondary	< None >
	Tertiary	< None >
	Video Conference Scheduling Portal Profile	
	Primary	< None >
	Secondary	< None >
	Tertiary	< None >

7.4.8 User Profile

The Self-Provisioning feature allows an end user or administrator to add an unprovisioned phone to a Cisco Unified Communications Manager system with minimal administrative effort. A phone can be added by plugging it into the network and following a few prompts to identify the user.

With appropriately configured User Profiles, end users can provision their own devices. These User Profiles may be shared by a group of users that share the same characteristics. The User Profile contains the following settings:

- Universal Device Templates
- Universal Line Template
- End user Self-Provisioning settings

User Profile		
Name	**Details**	
Standard (Factory Default) User Profile	**User Profile**	
	Description	Standard (Factory Default) User Profile
	Default User Profle for the System	Y
	Universal Device Template	
	Desk Phones	< None >
	Mobile and Desktop Devices	< None >
	Remote Destination/Device Profiles	< None >
	Universal Line Template	
	Universal Line Template	< None >
	Self-Provisioning	
	Allow End User to Provision their own phones	N
	Limit Provisioning once End User has this many phones	10
	Mobile and Remote Access Policy	
	Enable Mobile and Remote Access	Y
	Jabber Desktop Client Policy	IM & Presence, Voice and Video calls
	Jabber Mobile Client Policy	IM & Presence, Voice and Video calls
	Allow End User to set their Extension Mobility maximum login time	N

7.4.9 User Group

WhenEnterpriseGroupsis configured,CiscoUnifiedCommunicationsManagerincludesuser groups when it synchronizes its database with an external LDAP directory. In Cisco Unified CM Administration, you can view synced groups in the User Groups window. With Cisco Unified Communications Manager Release 11.0, Cisco Jabber users can search for groups in Microsoft Active Directory and add them to their contact lists. If a group that is already added to the contact list is updated, the contact list gets automatically updated. Cisco Unified Communications Manager synchronizes its database with Microsoft Active Directory groups at specified intervals. The interval at which Cisco Unified Communications Manager synchronizes the groups is determined by LDAP Directory Synchronization Schedule parameters in the LDAP Directory Configuration window.

Currently, the Enterprise Groups feature is supported only on Microsoft Active Directory server. It is not supported on other corporate directories. If a Cisco Jabber user wants to add a group to the contact list while the Enterprise Groups feature is enabled, the Cisco Jabber client sends a group request to the IM and Presence Service node. The IM and Presence Service node provides the following information for each group member:

Display Name

User ID

Title

Phone number

Mail ID

Only the group members that are assigned to the IM and Presence Service nodes can be added to the contact list. Other group members are discarded.

If you disable the Enterprise Groups feature, Cisco Jabber users will not be able to search Microsoft Active Directory groups or see the groups that they already added to their contact lists. If a user is already logged in when you disable the Enterprise Groups feature, the group will be visible until the user logs out. When the user logs in again, the group will not be visible. Maximum Allowed Entries

The maximum number of entries that are allowed in a contact list is the sum of the number of entries in the contact list and the number of entries in groups that are already added to the contact list.

Maximum entries in contact list = (number of entries in contact list)+(number of entries in groups)

When the Enterprise Groups feature is enabled, Cisco Jabber users can add the groups to the contact list as long as the number of entries in the contact list is less than the maximum allowed entries. If the maximum allowed entries is exceeded while the feature is disabled, the users are allowed to have excess entries until the feature is enabled. If the user continues to be logged in after the feature is enabled, no error message is displayed. When the user logs out and logs in again, an error message is displayed that asks the users to clear the excess entries.

< No records found >

7.4.10 User Rank

User Ranks can be assign to end users, application users and access control groups. You can configure up to 10 different ranks. The highest rank is 1, the lowest is 10. To be permitted to join an access control group, a user must meet the minimum user rank threshold set by the access control group. The highest rank is 1, the lowest is 10.

User Rank		
Rank	**Name**	**Description**
1	Default User Rank	This is the default user rank for application and end users.
2	OtherUserRank	Another User rank

7.5 Self-Provisioning

The Self-Provisioning feature allows an end user or administrator to add an unprovisioned phone to a Cisco Unified Communications Manager system with minimal administrative effort. A phone can be added by plugging it into the network and following a few prompts to identify the user.

This feature enhances the out-of-box experience for end users by allowing them to directly add their desk phone or soft client without contacting the administrator. It simplifies administrator deployments by allowing them to add desk phones on behalf of an end user. The feature lets administrators and users deploy a large number of devices without interacting directly with the Cisco Unified Communications Manager Administration GUI, but from the device itself. The feature relies on the administrator preconfiguring a number of templates and profiles, so that when the phone attempts to self-provision, the necessary information is available in the system for it to create a new device.

< Not available >