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Cisco Unified Communications Manager Configuration Report

Customer

As-Built documentation for project

7 February 2010



Document Information

Version Status

Release Number	Date	Reason for Version
1.0	7-Feb-10	Release

Client Information

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1 Report Summary

This configuration report for the Cisco Unified CallManager cluster has the following details:

Report Summary	
Report date	7/02/2010 11:41:51 AM
Report generated for	Customer
Description	not licensed
CCM version	4.2(3)sr4b
CCM IP	10.5.1.110
CCMreporter version	not licensed
CCMreporter License	Demo
Visual style	Blu Light.css
Template HTML	not licensed
Template Word	Bars_Phones_Green_Blue.doc

2 System

This section contains the system settings for the Cisco Unified Callmanager cluster. The system settings contain:

- ❖ Server
- ❖ Cisco Unified CallManager
- ❖ Annunciator Configuration
- ❖ Cisco Unified CallManager Group
- ❖ Date/Time Group
- ❖ Device Defaults
- ❖ Region
- ❖ Transcoder Configuration
- ❖ Device Pool
- ❖ Enterprise Parameters
- ❖ Location
- ❖ Physical Location
- ❖ SRST

2.1 Software Versions

This section contains the installed software for each component within the Cisco Unified Callmanager cluster.

Software Versions			
ID	SoftwareComponent	Version	installationComponent
0	ace.dll	5.2.5.0	CCM4.2(3)
1	aced.dll		CCM4.2(3)
2	not licensed	not licensed	not licensed
3	Apache Tomcat	4.1	CCM4.2(3)
4	ASTIsapi.dll	3.3.2.0	CCM4.2(3)sr4b
5	not licensed	not licensed	not licensed
6	Aupair.exe	4.2.3.10039	CCM4.2(3)sr4b
7	AupairChangeNotify.dll	4.1.0.11	CCM4.2(3)sr4b
8	not licensed	not licensed	not licensed
9	AuthFilt.dll	4.0.0.0	CCM4.2(3)sr4b
10	AVVIDCustomerDirectoryConfigurationPlugin.exe	4.1.0.18(0)	CCM4.2(3)
11	not licensed	not licensed	not licensed
12	BulkAdministrationTool.exe	5.2(3e)	CCM4.2(3)sr4b
13	CallBackService.exe	4.2.3.15460	CCM4.2(3)sr4b
14	not licensed	not licensed	not licensed
15	ccm.exe	4.2.3.16460	CCM4.2(3)sr4b
16	CcmPerfMon.dll		CCM4.2(3)sr4b
17	not licensed	not licensed	not licensed
18	CCNTEST.EXE		CCM4.2(3)
19	cdpintf.dll	4.0.0.0	CCM4.2(3)
20	not licensed	not licensed	not licensed
21	Cisco CallManager Administration	4.2(2)	CCM4.2(3)
22	Cisco CallManager Serviceability	4.0(0.1)	CCM4.2(3)
23	not licensed	not licensed	not licensed
24	CiscoAttendantConsoleClient.exe	1.5.1.11	CCM4.2(3)sr4b
25	CiscoCTLClient.exe	2.1 (4211)	4.2(1)sr1b
26	not licensed	not licensed	not licensed
27	CiscoMessagingInterface.exe	4.2.3.10032	CCM4.2(3)sr4b

Software Versions			
ID	SoftwareComponent	Version	InstallationComponent
28	CiscoSysFileMgr.exe	1.0.0.1	CCM4.2(3)sr4b
29	not licensed		not licensed
30	CiscoTSP.exe	4.2(0.5)ES09	CCM4.2(3)sr4b
31	CmiPerfMon.dll		CCM4.2(3)sr4b
32	not licensed	not licensed	not licensed
33	cstrain.dll	5.0.5.0	CCM4.2(3)
34	cstrains.dll	5.0.5.0	CCM4.2(3)
35	not licensed	not licensed	not licensed
36	CtftpChangeNotify.dll	3.1.0.5	CCM4.2(3)sr4b
37	CTIManager.exe	4.2.3.10460	CCM4.2(3)sr4b
38	not licensed		not licensed
39	DBChangeNotify.dll	4.1.0.11	CCM4.2(3)sr4b
40	DBConvert.dll	4.1.0.11	CCM4.2(3)
41	not licensed	not licensed	not licensed
42	DBL.dll	4.2.3.10029	CCM4.2(3)sr4b
43	DBLR.dll	4.1.0.11	CCM4.2(3)sr4b
44	not licensed	not licensed	not licensed
45	DBLX.dll	4.1.0.11	CCM4.2(3)sr4b
46	DNASetup.exe	4.2(3)	CCM4.2(3)
47	not licensed		not licensed
48	emservice.war		CCM4.2(3)
49	InsertCDR.exe	4.2.3.10038	CCM4.2(3)sr4b
50	not licensed		not licensed
51	lpVms.sys	4.2.3.3	CCM4.2(3)sr4b
52	lpvmsapp.exe	4.2.3.25	CCM4.2(3)sr4b
53	not licensed	not licensed	not licensed
54	Java Runtime Environment	1.4.0_01	CCM4.2(3)
55	libg729a.dll	1.0.0.1	CCM4.2(3)
56	not licensed	not licensed	not licensed
57	libplc21.dll	1.0.0.1	CCM4.2(3)
58	libplds21.dll	1.0.0.1	CCM4.2(3)
59	not licensed	not licensed	not licensed
60	Locale - English United States	4.2(3)	CCM4.2(3)
61	Locale - French France	4.2.1.3100	Locale Installer 5.0.5
62	not licensed	not licensed	not licensed
63	Locale - Japanese Japan	4.2.1.3100	Locale Installer 5.0.5
64	Locale - Norwegian Norway	4.2.1.3100	Locale Installer 5.0.5
65	not licensed	not licensed	not licensed
66	ma.war		CCM4.2(3)sr4b
67	MADirectory.dll	1.0.0.1	CCM4.2(3)sr4b
68	not licensed		not licensed
69	MMFSpy.exe		CCM4.2(3)sr4b
70	MSVCP60.DLL	6.0.8168.0	CCM4.2(3)
71	not licensed		not licensed
72	mtl70mt.dll		CCM4.2(3)
73	MultiLevelAdmin.dll	1.0.0.1	CCM4.2(3)sr4b

Software Versions			
ID	SoftwareComponent	Version	InstallationComponent
74	not licensed	not licensed	not licensed
75	Network Locale - China	4.2.1.3100	Locale Installer 5.0.5
76	Network Locale - France	4.2.1.3100	Locale Installer 5.0.5
77	not licensed	not licensed	not licensed
78	Network Locale - Japan	4.2.1.3100	Locale Installer 5.0.5
79	Network Locale - Norway	4.2.1.3100	Locale Installer 5.0.5
80	not licensed	not licensed	not licensed
81	Network Locale - United States	4.2(3)	CCM4.2(3)
82	nsldapssl32v30.dll	12288.0.0.9516	CCM4.2(3)
83	not licensed	not licensed	not licensed
84	ntp-keygen.exe		CCM4.2(3)
85	ntpd.exe		CCM4.2(3)
86	not licensed		not licensed
87	ntpd.exe		CCM4.2(3)
88	ntpq.exe		CCM4.2(3)
89	not licensed	not licensed	not licensed
90	ossmem.dll	5.0.5.0	CCM4.2(3)
91	Q931Translator.exe	1.0.0.5	CCM4.2(3)
92	not licensed	not licensed	not licensed
93	relayapp.exe		CCM4.2(3)
94	RisDC.exe	4.2.3.16460	CCM4.2(3)sr4b
95	not licensed	not licensed	not licensed
96	scmps.dll		CCM4.2(3)
97	SDIEventLogMsg.dll		CCM4.2(3)
98	not licensed	not licensed	not licensed
99	showdb.dll	1.1.0.6	CCM4.2(3)
100	showinst.dll	2.2.0.22	CCM4.2(3)
101	not licensed	not licensed	not licensed
102	showps.dll	2.2.0.22	CCM4.2(3)
103	showwin.dll	2.2.0.20	CCM4.2(3)
104	not licensed	not licensed	not licensed
105	SnmpCcmImpl.dll	4.1.1.2	CCM4.2(3)sr4b
106	SnmpCdpImpl.dll	3.0.0.22	CCM4.2(3)sr4b
107	not licensed	not licensed	not licensed
108	SOAPISAPI.dll	4.2.3.10029	CCM4.2(3)sr4b
109	soedapi.dll	5.0.5.0	CCM4.2(3)
110	not licensed	not licensed	not licensed
111	soedbers.dll	5.0.5.0	CCM4.2(3)
112	soedoid.dll	5.0.5.0	CCM4.2(3)
113	not licensed	not licensed	not licensed
114	soedpers.dll	5.0.5.0	CCM4.2(3)
115	SSAPIDLL.dll	3.0.1.58	CCM4.2(3)sr4b
116	not licensed		not licensed
117	tcdsrv.exe	1.5.1.3	CCM4.2(3)sr4b
118	TcdSrvPerfMon.dll		CCM4.2(3)sr4b
119	not licensed		not licensed

Software Versions			
ID	SoftwareComponent	Version	installationComponent
120	TelAppSupportX.dll	1.0.0.28	CCM4.2(3)
121	TftpPerfMon.dll		CCM4.2(3)sr4b
122	not licensed	not licensed	not licensed
123	TraceFilterExt.dll	1.0.0.1	CCM4.2(3)
124	TRF.dll	1.0.0.1	CCM4.2(3)sr4b
125	not licensed	not licensed	not licensed
126	UserGroups.exe	4.0.0.0	CCM4.2(3)sr4b
127	UserLoginService.dll	1.0.0.0	CCM4.2(3)sr4b
128	not licensed	not licensed	not licensed
129	UserPermissionsX.dll	4.0.0.0	CCM4.2(3)sr4b
130	webdialer.war	1.2 (0.27)	CCM4.2(3)sr4b

2.2 Nodes

The CallManager cluster consists of the following Cisco Unified CallManager servers and services by node:

Services by Node	
Service	10.5.1.110
CiscoCallManager	1
CiscoExtendedFunctions	1
CiscoExtensionMobility	not licensed
CiscoTftp	1
EnterpriseWide	
CiscoCDRInsert	not licensed

2.3 Call Manager Groups

A Cisco Unified CallManager group specifies a prioritized list of up to three Cisco Unified CallManagers.

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

Cisco Unified CallManager groups provide important features for your system:

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

CallManager Groups			
ID	Name	Auto registration	Members
0	Default	Yes	CM1PUB1

2.4 Date-Time Group

Date/Time Groups define time zones for the various devices that are connected to Cisco CallManager.

Cisco CallManager provides a default Date/Time Group called CMLocal that configures automatically when you install Cisco CallManager; 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 CallManager server. After installing Cisco CallManager, 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				
ID	Group Name	Time Zone	Date Format	Time Format
0	CMLocal	(GMT) Monrovia, Casablanca	M/D/Y	12-hour

2.5 Device Defaults

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

When a device auto-registers with a Cisco Unified CallManager, 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				
ID	Model	Load	Device_Pool	PhoneTemplate
0	7914 14-Button Line Expansion Module	S00105000300	Default	Default
1	7915 12-Button Line Expansion Module	B015-1-0-2	Default	Default
2	not licensed	not licensed	not licensed	not licensed
3	7916 12-Button Line Expansion Module	B016-1-0-2SR1	Default	Default
4	7916 24-Button Line Expansion Module	B016-1-0-2SR1	Default	Default
5	not licensed	not licensed	not licensed	not licensed
6	Analog Access WS-X6624	A00204000013	Default	Default
7	Analog Phone		Default	Standard Analog
8	not licensed	not licensed	not licensed	not licensed
9	Cisco 12 SP	P00203010100	Default	Standard 12 SP
10	Cisco 12 SP+	P00203010100	Default	Standard 12 SP+
11	not licensed	not licensed	not licensed	not licensed
12	Cisco 30 VIP	P00203010100	Default	Standard 30 VIP
13	Cisco 7902	CP7902080002SCCP060817A	Default	Standard 7902
14	not licensed	not licensed	not licensed	not licensed
15	Cisco 7906	SCCP11.8-4-1SR1S	Default	Standard 7906
16	Cisco 7910	P00405000700	Default	Standard 7910
17	not licensed	not licensed	not licensed	not licensed
18	Cisco 7912	CP7912080003SCCP070409A	Default	Standard 7912
19	Cisco 7920	CMTERM_7920.4.0-03-02	Default	Standard 7920
20	not licensed	not licensed	not licensed	not licensed
21	Cisco 7925	CP7925	Default	Standard 7925 SCCP
22	Cisco 7931		Default	Standard 7931 SCCP
23	not licensed	not licensed	not licensed	not licensed
24	Cisco 7936	cmterm_7936.3-3-16-0	Default	Standard 7936
25	Cisco 7937	apps37sccp.1-2-1-0	Default	Standard 7937
26	not licensed	not licensed	not licensed	not licensed
27	Cisco 7941	SCCP41.8-4-1SR1S	Default	Standard 7941 SCCP
28	Cisco 7941G-GE	SCCP41.8-4-1SR1S	Default	Standard 7941G-GE SCCP
29	not licensed	not licensed	not licensed	not licensed
30	Cisco 7945	SCCP45.8-4-1SR1S	Default	Standard 7945
31	Cisco 7960	P00308000900	Default	Standard 7960
32	not licensed	not licensed	not licensed	not licensed
33	Cisco 7961G-GE	SCCP41.8-4-1SR1S	Default	Standard 7961G-GE SCCP
34	Cisco 7962	SCCP42.8-4-1SR1S	Default	Standard 7962
35	not licensed	not licensed	not licensed	not licensed

Device Defaults				
ID	Model	Load	Device_Pool	PhoneTemplate
36	Cisco 7970	SCCP70.8-4-1SR1S	Default	Standard 7970 SCCP
37	Cisco 7971	SCCP70.8-4-1SR1S	Default	Standard 7971 SCCP
38	not licensed	not licensed	not licensed	not licensed
39	Cisco 7985	cmterm_7985.4-1-6-0	Default	Standard 7985
40	Cisco ATA 186	ATA030203SCCP051201A	Default	Standard ATA 186
41	not licensed		not licensed	not licensed
42	Cisco IOS Conference Bridge (HDV2)		Default	Default
43	Cisco IOS Media Termination Point (HDV2)		Default	Default
44	not licensed		not licensed	not licensed
45	Cisco IP Communicator		Default	Default IP Communicator Template
46	Cisco Media Termination Point (WS-SVC-CMM)		Default	Default
47	not licensed		not licensed	not licensed
48	Cisco VGC Virtual Phone		Default	Default VGC Virtual Phone Template
49	Cisco Video Conference Bridge (IPVC-35xx)		Default	Default
50	not licensed		not licensed	not licensed
51	Conference Bridge Hardware	C00104000003	Default	Default
52	CTI Port		Default	Default
53	not licensed	not licensed	not licensed	not licensed
54	Digital Access WS-X6608	D00404000032	Default	Default
55	Digital Access+	D00303010033	Default	Default
56	not licensed		not licensed	not licensed
57	IP-STE		Default	Standard IP-STE
58	ISDN BRI Phone		Default	ISDN BRI Phone
59	not licensed		not licensed	not licensed
60	Media Termination Point		Default	Default
61	Media Termination Point Hardware	M00104000006	Default	Default
62	not licensed		not licensed	not licensed
63	MGCP Trunk		Default	Default
64	SCCP gateway virtual phone		Default	Default

2.6 Regions

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 CallManager allows addition of a maximum of 500 regions.

Regions								
ID	Name	Members						
0	Default	The maximum audio codec/video bandwidth supported within this region and between 0 other regions are:						
		<table border="1"> <thead> <tr> <th>To Region</th> <th>Audio Codec</th> <th>Video Bandwidth</th> </tr> </thead> <tbody> <tr> <td>Default</td> <td>G711</td> <td>384</td> </tr> </tbody> </table>	To Region	Audio Codec	Video Bandwidth	Default	G711	384
To Region	Audio Codec	Video Bandwidth						
Default	G711	384						

2.7 Device Pools

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 Pools										
ID	Name	CallManagerGroup	autoSearchSpace	DateTimeGroup	Region	Media Resource Group List	Location	NetworkLocale	SRST Reference	Connection Monitor Duration
1	Default	Default		CMLocal	Default		<None>		Disable	-1

2.8 Locations

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 CallManager cluster provides call processing for all locations on the IP telephony network. The Cisco Unified CallManager 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 CallManager. IP WAN links connect the remote locations to the main location.

< No records found >

2.9 SRST

A survivable remote site telephony (SRST) reference comprises the gateway that can provide limited Cisco Unified CallManager functionality when all other Cisco Unified CallManager 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 CallManager is unavailable.

< No records found >

2.10 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 CallManagers that share the same database.) When you install a new Cisco Unified CallManager, it uses the enterprise parameters to set the initial values of its device defaults.

ServiceParameters: CiscoCallManager		
ID	Name	10.5.1.110
0	AAREnable	F
1	AARNeighborhoodsInitTime	90
2	not licensed	not licensed
3	AcceptBlindTCPConnection	F
4	AdvanceAdhocConference	F
5	not licensed	not licensed
6	AlternateldlePhoneAutoAnswerBehavior	F
7	AlwaysDisplayOriginalDialedNumber	F
8	not licensed	not licensed
9	AlwaysUseDialtoneSetting	1
10	AlwaysUseInsideDialtone	F
11	not licensed	not licensed
12	AlwayUsePrimeLineForVoiceMail	F
13	ApplyIncomingPrefixToCDRs	F
14	not licensed	not licensed
15	AsynchronousLoggingEnabled	F
16	Attendant	
17	not licensed	not licensed
18	AutoPickupEnabled	F
19	BargeToneEnable	T
20	not licensed	not licensed
21	BlockConnectedNumberIE	F
22	BlockOffNetToOffNetTransfer	F
23	not licensed	not licensed
24	CallClassification	1
25	CallDiagnosticsEnabled	F
26	not licensed	
27	CallerIDDisplayPriorityEnabled	T
28	CallingNameNotAvailableTimeout	2000
29	not licensed	not licensed
30	CallParkReversionTimeout	60
31	CallPickupLocatingTimer	1
32	not licensed	not licensed
33	CallPickupRingSettingIdleStation	2
34	CallPresent6DisconnFlag	F
35	not licensed	not licensed
36	CBBConnectionProposalType	1
37	CBBConnectionResponseType	1
38	not licensed	not licensed
39	CBBPathReservationResponse	1
40	CBBPrivateNumberingPlanEncoding	F

ServiceParameters: CiscoCallManager		
ID	Name	10.5.1.110
41	not licensed	not licensed
42	CBBRequestProtectionTimerT1	10
43	CcInitTime	90
44	not licensed	not licensed
45	CgpnScreeningIndicator	4
46	ChangeBChannelMaintenanceStatus1	
47	not licensed	
48	ChangeBChannelMaintenanceStatus3	
49	ChangeBChannelMaintenanceStatus4	
50	not licensed	
51	CheckProgressIndicatorBeforeEstablishingMedia	F
52	ClearCallsWhenDataLinkGoesDown	T
53	not licensed	not licensed
54	ConvertEuropeanProgressMessageToAlerting	F
55	ConvertProgressToDisconnect	F
56	not licensed	not licensed
57	CopyQsigDivReasonToOrigDivReasonFlag	F
58	CssManagerInitTime	900
59	not licensed	not licensed
60	CTIDialDigitsInterval	250
61	CTIExtendsDialedDigitsAfterForward	T
62	not licensed	not licensed
63	CTINewCallAcceptTimeout	4
64	DalInitTime	900
65	not licensed	not licensed
66	DbMGCPDeviceTimeout	5
67	DbThrottleThreshold	100
68	not licensed	not licensed
69	DefaultUserHoldMOHAudioSourceID	1
70	DeviceInitTime	360
71	not licensed	not licensed
72	DeviceNameOfGKControlledTrunkWithPort1720	None
73	DeviceRingSetting	5
74	not licensed	not licensed
75	DialingForestDumpEnabled	F
76	DigitalAndAnalogPortsEnabled	T
77	not licensed	not licensed
78	DirectoryInitTime	90
79	DisableAlertingPI	F
80	not licensed	not licensed
81	DisableResumeFromMGCPFXSShareline	T
82	DiscardNonInbandProgress	F
83	not licensed	not licensed
84	DisplayOriginalCgpnOnTransferFromVm	F
85	DropAdhocConference	0
86	not licensed	not licensed

ServiceParameters: CiscoCallManager		
ID	Name	10.5.1.110
87	DSCPForExecutiveOverrideAudioCalls	168
88	DSCPForFlashAudioCalls	164
89	not licensed	not licensed
90	DSCPforICCP	104
91	DSCPForImmediateAudioCalls	176
92	not licensed	not licensed
93	DSCPForVideoCalls	136
94	DtSilenceFlag	F
95	not licensed	not licensed
96	EnableDigitResetDuringHookFlash	T
97	EnableDisplayIEInCodeset6	F
98	not licensed	not licensed
99	EnableH323QuietClear	F
100	EnableLocationMLPP	F
101	not licensed	not licensed
102	EnforceMillisecondPacketSize	T
103	EnterCMCText	Enter Client Matter Code
104	not licensed	not licensed
105	ExecutiveOverrideCallPreemptable	F
106	ExtensionDisplayOn7910	F
107	not licensed	not licensed
108	FlashHookDuration_msec	500
109	ForwardByRerouteEnabledFlag	F
110	not licensed	not licensed
111	ForwardMaximumHopCount	12
112	ForwardNoAnswerTimeout	12
113	not licensed	not licensed
114	GatewayKeepAliveTimeout	25
115	GatewayPollTimeout	10
116	not licensed	not licensed
117	H225DBRetryTimeout	0
118	H225DeviceConnectAtConnectTime	0
119	not licensed	not licensed
120	H225TspReqRetry	2
121	H245TCSTimeout	10
122	not licensed	not licensed
123	HoldReversionDuration	0
124	HoldReversionNotificationInterval	30
125	not licensed	not licensed
126	HostNameIPAddressOfGKWithRASUdpPort1719	None
127	HuntGroupLogoffNotification	None
128	not licensed	not licensed
129	IncludeOrigCalledInfoQSIGCallDiv	0
130	IncomingCallingPartyInternationalNumberPrefixMGCP	
131	not licensed	
132	IncomingCallingPartySubscriberNumberPrefixMGCP	

ServiceParameters: CiscoCallManager		
ID	Name	10.5.1.110
133	IncomingCallingPartyUnknownNumberPrefixMGCP	
134	not licensed	not licensed
135	InternationalPrefix	
136	LineRingSetting	4
137	not licensed	not licensed
138	LocationInPRIProgressIndicator	16
139	LocationsInitTime	90
140	not licensed	not licensed
141	MatchingCgpnWithAttendantFlag	F
142	MaxAdHocConference	4
143	not licensed	not licensed
144	MaxDbUpdatesAllowed	50
145	MaxForwardsToDn	12
146	not licensed	not licensed
147	MaxHoldDurationTimeout	360
148	MaxMeetMeConferenceUnicast	4
149	not licensed	not licensed
150	MediaExchangeStopStreamingTimeout	8
151	MediaExchangeTimeout	12
152	not licensed	not licensed
153	MGCPDbQueryDelayTime_msec	1000
154	MgcpFxsHangupTimeout	3
155	not licensed	not licensed
156	MGCPRetryTimeoutHandling	0
157	MGCPTimeout	3
158	not licensed	not licensed
159	MultiTenantMWIMode	F
160	MWLPolicy	0
161	not licensed	
162	NonLinearAdhocConferenceLinkingEnabled	F
163	NumberingPlanInfo	1
164	not licensed	not licensed
165	OutOfBandwidthCauseValue	34
166	OutOfBandwidthText	Not Enough Bandwidth
167	not licensed	not licensed
168	OverlapReceivingForPriFlag	T
169	OverrideAutoAnswerIfDisableSpeakerFlag	T
170	not licensed	not licensed
171	PacketcaptureMaxClientConnections	5
172	PacketcaptureMaxFileSize	2
173	not licensed	not licensed
174	PathReplacementEnabledFlag	F
175	PathReplacementPINXId	
176	not licensed	not licensed
177	PathReplacementStartMinimumTime	0
178	PathReplacementT1Timer	30

ServiceParameters: CiscoCallManager		
ID	Name	10.5.1.110
179	not licensed	not licensed
180	PathReplaceTrombonedCallsFlag	T
181	PortReleaseTimer	0
182	not licensed	not licensed
183	PreferredG723MillisecondPacketSize	30
184	PreferredG729MillisecondPacketSize	20
185	not licensed	not licensed
186	PreservePrivacySettingOnHeldCalls	F
187	PRI4ESSUUIEDeviceType	0
188	not licensed	not licensed
189	QsigVariant	0
190	RegionsInitTime	120
191	not licensed	not licensed
192	RetainFwdInfoAfterOffhook	F
193	RetainMediaOnDisconnectWithPIForActiveCall	F
194	not licensed	not licensed
195	RetryCountBRQ	2
196	RetryCountDRQ	2
197	not licensed	not licensed
198	RetryCountSIPBye	10
199	RetryCountSIPCancel	10
200	not licensed	not licensed
201	RetryCountSIPPRACK	6
202	RetryCountSIPRel1XX	10
203	not licensed	not licensed
204	RetryCountURQ	1
205	RoutePlanInitTime	600
206	not licensed	not licensed
207	SdlListeningPort	8002
208	SdlMaxRouterLatencySecs	20
209	not licensed	not licensed
210	SendProductAndVersionId	F
211	ShowMemberDNinfinalCalledPartyNumber	F
212	not licensed	not licensed
213	SilenceSuppressionWithGateways	F
214	SIPMinimumSessionExpiresValue	1800
215	not licensed	not licensed
216	SIPTelEvent	101
217	SMDICallDelayTimer	0
218	not licensed	not licensed
219	SsInitTime	900
220	StableIn4Flag	F
221	not licensed	not licensed
222	StationKeepaliveInterval	30
223	StatisticsEnabled	T
224	not licensed	not licensed

ServiceParameters: CiscoCallManager		
ID	Name	10.5.1.110
225	StopRoutingOnOutOfBandwidthFlag	F
226	StopRoutingOnOutOfBandwidthFlagForHuntList	F
227	not licensed	
228	StopRoutingOnUnallocatedNumberFlag	T
229	StopRoutingOnUserBusyFlag	T
230	not licensed	not licensed
231	StripSilenceSuppressionCapabilities	F
232	SubscriberPrefix	
233	not licensed	not licensed
234	SuppressOutOfChansEvents	T
235	Timer_Offhook_To_First_Digit_msec	15000
236	not licensed	not licensed
237	TimerH225ICTCallThrottle	30
238	TimerH225T301_msec	180000
239	not licensed	not licensed
240	TimerH225T303_msec	4000
241	TimerH225T304_msec	30000
242	not licensed	not licensed
243	TimerH225T310_msec	60000
244	TimerH225TCP	5
245	not licensed	not licensed
246	TimerRasBRQ	3
247	TimerRasDRQ	3
248	not licensed	not licensed
249	TimerRasURQ	3
250	TimerSendProgress_msec	3000
251	not licensed	not licensed
252	TimerSIPDisconnect_msec	500
253	TimerSIPExpires	180000
254	not licensed	not licensed
255	TimerSIPRel1XX_msec	500
256	TimerSIPTrying_msec	500
257	not licensed	not licensed
258	TimerT301_msec	180000
259	TimerT302_msec	15000
260	not licensed	not licensed
261	TimerT304_msec	30000
262	TimerT305_msec	30000
263	not licensed	not licensed
264	TimerT307_msec	180000
265	TimerT308_msec	4000
266	not licensed	not licensed
267	TimerT310_msec	60000
268	TimerT313_msec	4000
269	not licensed	not licensed
270	TimerT317_msec	100000

ServiceParameters: CiscoCallManager		
ID	Name	10.5.1.110
271	TimerT321_msec	30000
272	not licensed	not licensed
273	TimerTStatusEnqPoll_msec	10000
274	TodManagerInitTime	900
275	not licensed	not licensed
276	ToneOnHoldTime	10
277	ToSendH225UserInfoMsg	1
278	not licensed	not licensed
279	TransformForwardByRerouteDestFlag	T
280	UnknownCallerId	
281	not licensed	not licensed
282	UnknownCallerIdText	
283	UnknownPrefix	
284	not licensed	not licensed
285	VMBToDivertingNrEnabledFlag	F

ServiceParameters: CiscoExtendedFunctions		
ID	Name	10.5.1.110
0	AppConnectRetryInterval	60000
1	AppHearBeatInterval	30
2	not licensed	not licensed
3	AppSyncReqTimeOut	15000
4	CBBAudioFileName	CallBack.raw
5	not licensed	not licensed
6	CTIConnectingPort	2748
7	ExtendedFeedback	F
8	not licensed	not licensed
9	NumFiles	250
10	NumLines	2000
11	not licensed	not licensed
12	PollingFrequency	30

ServiceParameters: CiscoExtensionMobility		
ID	Name	10.5.1.110
0	alphaUserID	T
1	maxConcurrentSessions	3
2	not licensed	not licensed
3	maxDurationEnable	F
4	multiDevHoteling	noLogin
5	not licensed	not licensed

ServiceParameters: CiscoTftp		
ID	Name	10.5.1.110
0	BuildCNFType	1
1	EnableBinFileCaching	T
2	not licensed	not licensed

ServiceParameters: EnterpriseWide		
ID	Name	10.5.1.110
0	AllowedPerfmonQueriesPerMinute	50
1	AllowedRisQueriesPerMinute	15
2	not licensed	not licensed
3	CAPFPhonePort	3804
4	CCMAdminEnableDependencyRecords	F
5	not licensed	not licensed
6	CCMAdminMaxItemsInLookup	1000
7	CCMUserShowCallForward	T
8	not licensed	not licensed
9	CCMUserShowChangePin	T
10	CCMUserShowDownload	T
11	not licensed	not licensed
12	CCMUserShowLineTextSettings	F
13	CCMUserShowMessageWaitingLampPolicy	T
14	not licensed	not licensed
15	CCMUserShowPersonalAddressBook	T
16	CCMUserShowPhoneLocale	T
17	not licensed	not licensed
18	CCMUserShowSpeedDialSettings	T
19	CCMUserShowUserLocale	T
20	not licensed	not licensed
21	CDRFormat	Database
22	ClusterID	CM402PUB1-Cluster
23	not licensed	not licensed
24	ConnectionMonitorDuration	120
25	DefaultNetworkLocale	2
26	not licensed	not licensed
27	DeviceSecurityMode	1
28	DoSProtectionFlag	T
29	not licensed	not licensed
30	DSCPForSCCPPhoneConfig	96
31	DSCPForSCCPPhoneServices	0
32	not licensed	not licensed
33	enableAutoDeviceProfileSynChronize	T
34	FileCloseThreadFlag	F
35	not licensed	not licensed
36	LocalCDRPath	C:\Program Files\Cisco\CallDetail
37	MaximumPerfmonCountersPerSession	100
38	not licensed	not licensed
39	MLPPDomainIdentifier	0
40	MLPPIndicationStatus	Off
41	not licensed	not licensed
42	MLPPServiceLockout	F
43	PerfmonQueueLimit	100
44	not licensed	not licensed

ServiceParameters: EnterpriseWide		
ID	Name	10.5.1.110
45	PrimaryCDRDSN	
46	PrimaryCDRUNCPATH	\\CM402PUB1\CDR
47	not licensed	
48	URLAuthentication	http://10.5.1.110/CCMCIP/authenticate.asp
49	URLDirectories	http://10.5.1.110/CCMCIP/xmldirectory.asp
50	not licensed	not licensed
51	URLIdle	
52	URLIdleTime	0
53	not licensed	not licensed
54	URLMessages	
55	URLProxy	
56	not licensed	not licensed
57	UserSearchLimit	64
58	UseStandardVMHandlingForPrecedenceCalls	F

< No records found >

3 Route Plan

Cisco CallManager uses route plans to route internal calls within a Cisco CallManager 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 CallManager 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 CallManager 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. Beginning with Release 4.1 of Cisco CallManager, 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 Groups

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 CallManager 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 CallManager 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 CallManager 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.

< No records found >

3.2 Partitions

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.

< No records found >

3.3 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 comprises only the partitions that the device is allowed to reach.

< No records found >

3.4 Translation Patterns

The Cisco Unified CallManager 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.

< No records found >

3.5 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		
Route Filter	Dialplan	Clause
RF_1	NANP	(INTERNATIONAL-DIRECT-DIAL EXISTS AND COUNTRY-CODE EXISTS AND AREA-CODE EXISTS)
RF_2_Swz	NANP	(COUNTRY-CODE == 41)

3.6 Route Patterns

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 Patterns															
ID	Route Pattern	Partition	Description	Numbering Plan	RouteFilter	Gateway or Route List	Route (Block)	Provide Outside Dialtone	Call Classification	Calling: Use External Phone Number Mask	Calling: Transform Mask	Calling: Prefix Digits	Called: Discard Digits	Called: Party Transform Mask	Called: Prefix Digits Out
1	0.0041!	<None>	RF Sw	NANP	RF_2_Swz	GW1-H323	Route	True	OffNet	Off			<None>		

3.7 Route Lists and Groups

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 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.

Beginning with Release 4.1 of Cisco Unified CallManager, 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 CallManager 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	Route List Information	associated Route Group(s) with members																																																																
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3.8 Pilot Points, Hunt Lists and Linegroups

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 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 line group allows you to designate the order in which directory numbers are chosen. Cisco Unified CallManager 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) setting.

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3.9 Hunt Lists

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.

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 Lists					
ID	Name	Description	Enabled	CallManagerGroup	LineGroup Members
0	CUC VoiceMail Pilot	Unity Connection	True	Default	LG_CUC_VM
1	Unity VoiceMail Pilot		True	Default	LG_UNITY_VM

3.10 Route Plan Report

The route plan report comprises a listing of all unassigned directory numbers (DN), call park numbers, call pickup numbers, conference numbers (Meet-Me numbers), directory numbers, route patterns, translation patterns, voice-mail ports, message-waiting indicators, and attendant console numbers in the system.

Route Plan Report				
Pattern	Partition	Usage	on Device (Description)	Device Type
0.0041!	<None>	Route	GW1-H323 (Test H323)	Gateway (H.323 Gateway)
1004	<None>	Device	SEP000000000001 (Auto 1004)	Phone (Cisco IP Communicator)
1005	not licensed	not licensed	not licensed	not licensed
1006	<None>	Device	SEP00059A3C7800 (Auto 1006)	Phone (Cisco IP Communicator)
1007	<None>	Device	SEP000C292FACFF (Auto 1007)	Phone (Cisco IP Communicator)
1008	not licensed	not licensed	not licensed	not licensed
1009	<None>	Device	ATA001120148F43 (Auto 1009)	Phone (Cisco ATA 186)
1010	<None>	Device	ATA1120148F4301 (Auto 1010)	Phone (Cisco ATA 186)
1011	not licensed	not licensed	not licensed	not licensed
1012	<None>	Device	SEP001FCAE9CFA2 (Auto 1012)	Phone (Cisco 7975)
1013	<None>	Device	SEP00070E16C0C7 (Auto 1013)	Phone (Cisco 7941)
1014	not licensed	not licensed	not licensed	not licensed
1015	<None>	Device	SEP00181934C2B4 (Auto 1015)	Phone (Cisco 7920)
1016	<None>	Device	SEP00C09F18FE98 (Auto 1016)	Phone (Cisco IP Communicator)
8000	not licensed	not licensed	not licensed	not licensed
8001	<None>	Device	ARC8001 (ARC Queue 8001)	CTI Route Point (CTI Route Point)
8003	<None>	Device	SEP000DBC04B235 (Mick 8003)	Phone (Cisco 7960)
8005	not licensed	not licensed	not licensed	not licensed
8010	<None>	Device	SEP0014A85EC518 (Michael 8005)	Phone (Cisco 7940)
8100	<None>	Device	CRS_8100 (JTAPI Group #0-1)	Phone (CTI Port)
8101	not licensed	not licensed	not licensed	not licensed
8110	<None>	Device	CRS_8110 (JTAPI Group #1-1)	Phone (CTI Port)
8111	<None>	Device	CRS_8111 (JTAPI Group #1-1)	Phone (CTI Port)
8201	not licensed	not licensed	not licensed	not licensed
8211	<None>	Device	arc8211 (ARC_port)	Phone (CTI Port)

Route Plan Report				
Pattern	Partition	Usage	on Device (Description)	Device Type
8212	<None>	Device	arc8212 (ARC_port)	Phone (CTI Port)
8213	not licensed	not licensed	not licensed	not licensed
8214	<None>	Device	arc8214 (ARC_port)	Phone (CTI Port)
8221	<None>	Device	arc8221 (ARC_port ServiceQ)	Phone (CTI Port)
8222	not licensed	not licensed	not licensed	not licensed
8231	<None>	Device	arc8231 (ARC_port CallPark)	Phone (CTI Port)
8232	<None>	Device	arc8232 (ARC_port CallPark)	Phone (CTI Port)
8300	not licensed	not licensed	not licensed	not licensed
8800	<None>	Hunt	CUC VoiceMail Pilot (Unity Connection)	Route List (Hunt List)
8801	<None>	Device	CUC-VI1 (CUC voicemail port)	Voice Mail (Cisco Voice Mail Port)
8802	not licensed	not licensed	not licensed	not licensed
8803	<None>	Device	CUC-VI3 (CUC voicemail port)	Voice Mail (Cisco Voice Mail Port)
8804	<None>	Device	CUC-VI4 (CUC voicemail port)	Voice Mail (Cisco Voice Mail Port)
8805	not licensed	not licensed	not licensed	not licensed
8806	<None>	Device	CUC-VI6 (CUC voicemail port)	Voice Mail (Cisco Voice Mail Port)
8807	<None>	Device	CUC-VI7 (CUC voicemail port)	Voice Mail (Cisco Voice Mail Port)
8808	not licensed	not licensed	not licensed	not licensed
8809	<None>	Device	CUC-VI9 (CUC voicemail port)	Voice Mail (Cisco Voice Mail Port)
8810	<None>	Device	CUC-VI10 (CUC voicemail port)	Voice Mail (Cisco Voice Mail Port)
8811	not licensed	not licensed	not licensed	not licensed
8812	<None>	Device	CUC-VI12 (CUC voicemail port)	Voice Mail (Cisco Voice Mail Port)
8813	<None>	Device	CUC-VI13 (CUC voicemail port)	Voice Mail (Cisco Voice Mail Port)
8814	not licensed	not licensed	not licensed	not licensed
8815	<None>	Device	CUC-VI15 (CUC voicemail port)	Voice Mail (Cisco Voice Mail Port)
8816	<None>	Device	CUC-VI16 (CUC voicemail port)	Voice Mail (Cisco Voice Mail Port)
8900	not licensed	not licensed	not licensed	not licensed
8901	<None>	Device	CiscoUM1-VI1 (Cisco Voice Mail Port)	Voice Mail (Cisco Voice Mail Port)
8902	<None>	Device	CiscoUM1-VI2 (Cisco Voice Mail Port)	Voice Mail (Cisco Voice Mail Port)

4 Service

This section contains the service settings for the Cisco Unified Callmanager cluster. It reports on the following objects:

- ❖ Cisco Unified CallManager Assistant Configuration Wizard
- ❖ Cisco Unified CallManager Attendant Console Configuration
- ❖ Annunciator Configuration
- ❖ Conference Bridge Configuration
- ❖ Media Termination Point Configuration
- ❖ Music On Hold Audio Source Configuration
- ❖ Music On Hold Server Configuration
- ❖ Transcoder Configuration
- ❖ Media Resource Group Configuration
- ❖ Media Resource Group List Configuration
- ❖ Service Parameters Configuration

4.1 Media Resource Lists and Groups

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, which are 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.

MediaResource Lists and Groups														
ID	MediaResource List	MediaResource Groups												
1	MRG_ALL	<table border="1"> <thead> <tr> <th colspan="2">MRG_ALL</th> </tr> <tr> <th colspan="2">Media Resource Group Information</th> </tr> </thead> <tbody> <tr> <td>Description</td> <td>MRG_ALL</td> </tr> <tr> <td>Multicast enabled</td> <td>False</td> </tr> <tr> <th colspan="2">Members</th> </tr> <tr> <td>Members</td> <td>ANN_CM402PUB1 CFB_CM402PUB1 CFB_IOS_ENh CFB000000000012 M02000000000078 MOH_CM402PUB1 MTP_2 MTP_CM402PUB1 MTP_IOS_ENh VCB000000000145</td> </tr> </tbody> </table>	MRG_ALL		Media Resource Group Information		Description	MRG_ALL	Multicast enabled	False	Members		Members	ANN_CM402PUB1 CFB_CM402PUB1 CFB_IOS_ENh CFB000000000012 M02000000000078 MOH_CM402PUB1 MTP_2 MTP_CM402PUB1 MTP_IOS_ENh VCB000000000145
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2	MRGL_1	<table border="1"> <thead> <tr> <th colspan="2">MRG_1</th> </tr> <tr> <th colspan="2">Media Resource Group Information</th> </tr> </thead> <tbody> <tr> <td>Description</td> <td>MRG_1</td> </tr> <tr> <td>Multicast enabled</td> <td>False</td> </tr> <tr> <th colspan="2">Members</th> </tr> <tr> <td>Members</td> <td>ANN_CM402PUB1 CFB_CM402PUB1 MOH_CM402PUB1 MTP_CM402PUB1</td> </tr> </tbody> </table>	MRG_1		Media Resource Group Information		Description	MRG_1	Multicast enabled	False	Members		Members	ANN_CM402PUB1 CFB_CM402PUB1 MOH_CM402PUB1 MTP_CM402PUB1
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MediaResource Lists and Groups		
ID	MediaResource List	MediaResource Groups

4.2 Media Resources

Media resource management provides access to media resources for all Cisco Unified CallManagers in a cluster. Every Cisco Unified CallManager 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)

Media Resources				
Name	Description	Product Type	Media Resource Type	DevicePool
Conference Bridge				
CFB_CM402PUB1		Conference Bridge	Cisco Conference Bridge Software	Default
CFB00000000012	CFB00000000012	Conference Bridge Hardware	Cisco Conference Bridge Hardware	Default
CFB_IOS_ENh	not licensed	not licensed	not licensed	not licensed
VCB000000000145	VCB000000000145	Cisco Video Conference Bridge (IPVC-35xx)	Cisco Video Conference Bridge(IPVC-35xx)	Default
Media Termination Point				
MTP_2	MTP_2	Cisco IOS Software Media Termination Point (HDV2)	Cisco IOS Enhanced Software Media Termination Point	Default
MTP_CM402PUB1		Media Termination Point	Cisco Media Termination Point Software	Default
Transcoder				
MTP_IOS_ENh	MTP_IOS_ENh	Cisco IOS Media Termination Point (HDV2)	Cisco IOS Enhanced Media Termination Point	Default
M02000000000078	M0000000MTP_WS-SVC-CMM	Cisco Media Termination Point (WS-SVC-CMM)	Cisco Media Termination Point (WS-SVC-CMM)	Default
Music On Hold				
MOH_CM402PUB1		Music On Hold	Music On Hold	Default
Tone Announcement Player				
ANN_CM402PUB1		Tone Announcement Player	Annunciator	Default

5 Feature

Cisco Unified CallManager allows you to configure the following advanced telephony features in your telephony system:

- ❖ Call Park
- ❖ Directed Call Park
- ❖ Call Pickup Group
- ❖ Cisco IP Phone Services
- ❖ Client Matter Code
- ❖ Forced Authorization Code
- ❖ Meet-Me Number/Pattern
- ❖ Device Mobility
- ❖ Voice Mail

5.1 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 CallManager 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 the call.

CallPark				
ID	Call Park Number/Range	Description	Partition	Cisco CallManager
1	885X	Callpark	<None>	CM1PUB1

5.2 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 CallManager 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 CallManager automatically searches for the incoming call in the associated groups.

< No records found >

5.3 IP 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.

IP Phone Services																														
ID	Name	Description	URL	Parameters																										
0	phoneservice-1	phoneservice-1 description	https://10.5.1.110/ccmadmin/phoneservicesconfig.asp	<table border="1"> <thead> <tr> <th>Name</th> <th>DisplayName</th> <th>Description</th> <th>DefaultValue</th> <th>Required</th> <th>Hidden</th> </tr> </thead> <tbody> <tr> <td>ParamName</td> <td>Display2</td> <td>Parameter Description 2</td> <td>Def2</td> <td>N</td> <td>N</td> </tr> <tr> <td>paramName1</td> <td>paramDisplay1</td> <td>Parameter Description</td> <td>value1</td> <td>Y</td> <td>N</td> </tr> <tr> <td>ParamName3</td> <td>not licensed</td> <td>not licensed</td> <td>not licensed</td> <td>not licensed</td> <td>not licensed</td> </tr> </tbody> </table>	Name	DisplayName	Description	DefaultValue	Required	Hidden	ParamName	Display2	Parameter Description 2	Def2	N	N	paramName1	paramDisplay1	Parameter Description	value1	Y	N	ParamName3	not licensed	not licensed	not licensed	not licensed	not licensed		
Name	DisplayName	Description	DefaultValue	Required	Hidden																									
ParamName	Display2	Parameter Description 2	Def2	N	N																									
paramName1	paramDisplay1	Parameter Description	value1	Y	N																									
ParamName3	not licensed	not licensed	not licensed	not licensed	not licensed																									
1	Service 2	Service 2 Description	https://10.5.1.110/ccmadmin/phoneservicesconfig.asp	<table border="1"> <thead> <tr> <th>Name</th> <th>DisplayName</th> <th>Description</th> <th>DefaultValue</th> <th>Required</th> <th>Hidden</th> </tr> </thead> <tbody> <tr> <td>Param1Serv2</td> <td>Param1Serv2 Display</td> <td>Param1Serv2 Description</td> <td>Param1Serv2Value</td> <td>Y</td> <td>N</td> </tr> </tbody> </table>	Name	DisplayName	Description	DefaultValue	Required	Hidden	Param1Serv2	Param1Serv2 Display	Param1Serv2 Description	Param1Serv2Value	Y	N														
Name	DisplayName	Description	DefaultValue	Required	Hidden																									
Param1Serv2	Param1Serv2 Display	Param1Serv2 Description	Param1Serv2Value	Y	N																									

5.4 Client Matter Codes

To use the Client Matter Codes feature, users must enter a client matter code to reach certain dialed numbers.

You enable or disable CMC through route patterns, and you can configure multiple client matter codes. 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 CallManager CDR Analysis and Reporting (CAR), which generates reports for client accounting and billing.

You can implement CMC and FAC 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		
ID	Code	Description
0	1	Client Matter Code 1
1	22222222	Client Matter Code 2222

5.5 Forced Authorization Codes

When you enable FAC 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 CallManager Administration, you can 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			
ID	Authorization Code Name	Authorization Code	Authorization Level
0	Name_1	1	1
1	Name_2	2	2
2	not licensed	not licensed	not licensed

5.6 Meet-Me

Meet-Me conferences require an allocation of directory numbers. Cisco Unified CallManager Administration provides the Meet-Me conference directory number range to users, so they can access the feature.

Cisco Unified CallManager supports a maximum of 100 simultaneous meet-me conferences for each Cisco Unified CallManager server.

Meet-Me		
ID	Directory Number or Pattern	Partition
1	886X	<None>

5.7 Voicemail

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

5.7.1 VoiceMail Profiles and Pilot Points

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.

Voicemail Profile and Pilots																
ID	Name	Description	Mask	Is Default	Directory Number	Pilot Info										
0	CUC-VM	Unity Connection Voicemail		False	8800	<table border="1"> <tr> <td colspan="2">8800</td> </tr> <tr> <td colspan="2">VoiceMessagingPilot Information</td> </tr> <tr> <td>Description</td> <td>CUC VM PP</td> </tr> <tr> <td>CSS</td> <td><None></td> </tr> <tr> <td>IsDefault</td> <td>not licensed</td> </tr> </table>	8800		VoiceMessagingPilot Information		Description	CUC VM PP	CSS	<None>	IsDefault	not licensed
8800																
VoiceMessagingPilot Information																
Description	CUC VM PP															
CSS	<None>															
IsDefault	not licensed															
1	NoVoiceMail	No Voice Mail		False		<table border="1"> <tr> <td colspan="2">VoiceMessagingPilot Information</td> </tr> <tr> <td>Description</td> <td>No Voice Mail</td> </tr> <tr> <td>CSS</td> <td><None></td> </tr> <tr> <td>IsDefault</td> <td>not licensed</td> </tr> </table>	VoiceMessagingPilot Information		Description	No Voice Mail	CSS	<None>	IsDefault	not licensed		
VoiceMessagingPilot Information																
Description	No Voice Mail															
CSS	<None>															
IsDefault	not licensed															
2	not licensed			not licensed	not licensed	not licensed										

5.7.2 VoiceMail 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					
ID	Extension	Partition	MWI	Description	CallingSearchSpace
0	8898	<None>	On	CUC - MWI ON	<None>
1	8899	<None>	Off	CUC - MWI OFF	<None>
2	not licensed	not licensed	not licensed	not licensed	not licensed
3	8999	<None>	Off	UNITY - MWI OFF	<None>

5.7.3 VoiceMail Cisco Ports

The optional Cisco Unity 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 server.

Voicemail Ports														
Name	Model	Description	NoL	Lines										
CiscoUM1-VI1	Cisco Voice Mail Port	Cisco Voice Mail Port	1	Line	Extension	Partition	CSS	Linetext	Alerting Name	maxNumCalls	busyTrigger	External Mask	RingSetting	AutoAnswer
				1	8901	<None>				2	1		Disable	AutoAnswerOff
CiscoUM1-VI2	Cisco Voice Mail Port	Cisco Voice Mail Port	1	Line	Extension	Partition	CSS	Linetext	Alerting Name	maxNumCalls	busyTrigger	External Mask	RingSetting	AutoAnswer
				1	8902	<None>				2	1		Disable	AutoAnswerOff
CUC-VI1	not licensed	not licensed	not licensed	not licensed										
CUC-VI10	Cisco Voice Mail Port	CUC voicemail port	1	Line	Extension	Partition	CSS	Linetext	Alerting Name	maxNumCalls	busyTrigger	External Mask	RingSetting	AutoAnswer
				1	8810	<None>				2	1		Disable	AutoAnswerOff
CUC-VI11	Cisco Voice Mail Port	CUC voicemail port	1	Line	Extension	Partition	CSS	Linetext	Alerting Name	maxNumCalls	busyTrigger	External Mask	RingSetting	AutoAnswer
				1	8811	<None>				2	1		Disable	AutoAnswerOff
CUC-VI12	not licensed	not licensed	not licensed	not licensed										
CUC-VI13	Cisco Voice Mail Port	CUC voicemail port	1	Line	Extension	Partition	CSS	Linetext	Alerting Name	maxNumCalls	busyTrigger	External Mask	RingSetting	AutoAnswer
				1	8813	<None>				2	1		Disable	AutoAnswerOff
CUC-VI14	Cisco Voice	CUC voicemail	1	Line	Extension	Partition	CSS	Linetext	Alerting Name	maxNumCalls	busyTrigger	External Mask	RingSetting	AutoAnswer

Voicemail Ports														
Name	Model	Description	NoL	Lines										
	Mail Port	port		1	8814	<None>				2	1		Disable	AutoAnswerOff
CUC-VI15	not licensed	not licensed	not licensed	not licensed										
CUC-VI16	Cisco Voice Mail Port	CUC voicemail port	1	Line	Extension	Partition	CSS	Linetext	Alerting Name	maxNumCalls	busyTrigger	External Mask	RingSetting	AutoAnswer
				1	8816	<None>				2	1		Disable	AutoAnswerOff
CUC-VI2	Cisco Voice Mail Port	CUC voicemail port	1	Line	Extension	Partition	CSS	Linetext	Alerting Name	maxNumCalls	busyTrigger	External Mask	RingSetting	AutoAnswer
				1	8802	<None>				2	1		Disable	AutoAnswerOff
CUC-VI3	not licensed	not licensed	not licensed	not licensed										
CUC-VI4	Cisco Voice Mail Port	CUC voicemail port	1	Line	Extension	Partition	CSS	Linetext	Alerting Name	maxNumCalls	busyTrigger	External Mask	RingSetting	AutoAnswer
				1	8804	<None>				2	1		Disable	AutoAnswerOff
CUC-VI5	Cisco Voice Mail Port	CUC voicemail port	1	Line	Extension	Partition	CSS	Linetext	Alerting Name	maxNumCalls	busyTrigger	External Mask	RingSetting	AutoAnswer
				1	8805	<None>				2	1		Disable	AutoAnswerOff
CUC-VI6	not licensed	not licensed	not licensed	not licensed										
CUC-VI7	Cisco Voice Mail Port	CUC voicemail port	1	Line	Extension	Partition	CSS	Linetext	Alerting Name	maxNumCalls	busyTrigger	External Mask	RingSetting	AutoAnswer
				1	8807	<None>				2	1		Disable	AutoAnswerOff
CUC-VI8	Cisco Voice Mail Port	CUC voicemail port	1	Line	Extension	Partition	CSS	Linetext	Alerting Name	maxNumCalls	busyTrigger	External Mask	RingSetting	AutoAnswer
				1	8808	<None>				2	1		Disable	AutoAnswerOff

Voicemail Ports				
Name	Model	Description	NoL	Lines
CUC-VI9	not licensed	not licensed	not licensed	not licensed

6 Devices

Cisco Unified CallManager allows you to configure the following devices in your telephony network:

- ❖ CTI route points
- ❖ Gatekeepers
- ❖ Gateways
- ❖ Phones
- ❖ CTI ports
- ❖ Voice-mail ports
- ❖ Trunks
- ❖ Device settings such as device profiles, phone button templates, softkey templates, and the CAPF Report

6.1 CTI Route Points

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 Points												
Device Information		Lines										
ARC8000		Line	Extension	Partition	CSS	Linetext	Alerting Name	maxNumCalls	busyTrigger	line_e164Mask	RingSetting	AutoAnswer
Device Information		1	8000	<None>			ARC Queue 8000	5000	4500		Ring	AutoAnswerOff
Device Name	ARC8000											
Description	ARC Queue 8000											
Device Pool	not licensed											
Calling Search Space	< None >											
Location	< None >											
Media Resource Group List	not licensed											
User Hold Audio Source	0											
Network Hold Audio Source	0											

CTI Route Points												
Device Information		Lines										
ARC8001		Line	Extension	Partition	CSS	Linetext	Alerting Name	maxNumCalls	busyTrigger	line_e164Mask	RingSetting	AutoAnswer
Device Information		1	8001	<None>			ARC Queue 8001	5000	4500		Ring	AutoAnswerOff
Device Name	ARC8001											
Description	ARC Queue 8001											
Device Pool	not licensed											
Calling Search Space	< None >											
Location	< None >											
Media Resource Group List	not licensed											
User Hold Audio Source	0											
Network Hold Audio Source	0											
RP_8300		not licensed										
Device Information												
Device Name	RP_8300											
Description	RP_8300											
Device Pool	not licensed											
Calling Search Space	< None >											
Location	< None >											
Media Resource Group List	not licensed											
User Hold Audio Source	0											
Network Hold Audio Source	0											

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 CallManager cluster so that Cisco Unified CallManager 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 Cisco Unified CallManager clusters, between a CallManager cluster and a network of H.323 VoIP gateways, or between a CallManager cluster and a service provider's H.323 VoIP transport network.

< No records found >

6.3 Gateways

Cisco Unified Communications gateways enable Cisco Unified CallManager to communicate with non-IP telecommunications devices. Cisco Unified CallManager supports several types of voice gateways.

This report contains the following gateway devices:

6.3.1 H.323 Gateways

Cisco IP telephony gateways enable Cisco Unified CallManager 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.

Gateways H323																																																																				
Name	Description	Detailed Info																																																																		
GW1-H323	Test H323	<table border="1"> <thead> <tr> <th colspan="2">GW1-H323 (H.323)</th> </tr> <tr> <th colspan="2">Device Information</th> </tr> </thead> <tbody> <tr> <td>Device Name</td> <td>GW1-H323</td> </tr> <tr> <td>Description</td> <td>Test H323</td> </tr> <tr> <td>Device Pool</td> <td>not licensed</td> </tr> <tr> <td>Call Classification</td> <td>OffNet</td> </tr> <tr> <td>Media Resource Group List</td> <td>< None ></td> </tr> <tr> <td>Location</td> <td>not licensed</td> </tr> <tr> <td>AAR Group</td> <td>< None ></td> </tr> <tr> <td>Tunneled Protocol</td> <td>QSIG</td> </tr> <tr> <td>MTP required</td> <td>not licensed</td> </tr> <tr> <td>Retry Video Call as Audio</td> <td>True</td> </tr> <tr> <td>Wait for Far End H.245 Terminal Capability Set</td> <td>True</td> </tr> <tr> <td>Path Replacement Support</td> <td>not licensed</td> </tr> <tr> <th colspan="2">Multilevel Precedence and Preemption (MLPP) Information</th> </tr> <tr> <td>MLPP Domain</td> <td></td> </tr> <tr> <th colspan="2">Call Routing Information: Inbound</th> </tr> <tr> <td>Significant Digits</td> <td>All</td> </tr> <tr> <td>Calling Search Space</td> <td>< None ></td> </tr> <tr> <td>AAR Calling Search Space</td> <td>not licensed</td> </tr> <tr> <td>Prefix DN</td> <td></td> </tr> <tr> <td>Redirecting Number IE Delivery - Inbound</td> <td>False</td> </tr> <tr> <td>Enable Inbound FastStart</td> <td>not licensed</td> </tr> <tr> <th colspan="2">Call Routing Information: Outbound</th> </tr> <tr> <td>Calling Party Selection</td> <td>Originator</td> </tr> <tr> <td>Calling Party Presentation</td> <td>Default</td> </tr> <tr> <td>Called party IE number type unknown</td> <td>not licensed</td> </tr> <tr> <td>Calling party IE number type unknown*</td> <td>CiscoCallManager</td> </tr> <tr> <td>Called Numbering Plan</td> <td>CiscoCallManager</td> </tr> <tr> <td>Calling Numbering Plan</td> <td>not licensed</td> </tr> <tr> <td>Caller ID DN</td> <td></td> </tr> <tr> <td>Display IE Delivery</td> <td>False</td> </tr> <tr> <td>Redirecting Number IE Delivery - Outbound</td> <td>not licensed</td> </tr> </tbody> </table>	GW1-H323 (H.323)		Device Information		Device Name	GW1-H323	Description	Test H323	Device Pool	not licensed	Call Classification	OffNet	Media Resource Group List	< None >	Location	not licensed	AAR Group	< None >	Tunneled Protocol	QSIG	MTP required	not licensed	Retry Video Call as Audio	True	Wait for Far End H.245 Terminal Capability Set	True	Path Replacement Support	not licensed	Multilevel Precedence and Preemption (MLPP) Information		MLPP Domain		Call Routing Information: Inbound		Significant Digits	All	Calling Search Space	< None >	AAR Calling Search Space	not licensed	Prefix DN		Redirecting Number IE Delivery - Inbound	False	Enable Inbound FastStart	not licensed	Call Routing Information: Outbound		Calling Party Selection	Originator	Calling Party Presentation	Default	Called party IE number type unknown	not licensed	Calling party IE number type unknown*	CiscoCallManager	Called Numbering Plan	CiscoCallManager	Calling Numbering Plan	not licensed	Caller ID DN		Display IE Delivery	False	Redirecting Number IE Delivery - Outbound	not licensed
GW1-H323 (H.323)																																																																				
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Calling Party Selection	Originator																																																																			
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Called party IE number type unknown	not licensed																																																																			
Calling party IE number type unknown*	CiscoCallManager																																																																			
Called Numbering Plan	CiscoCallManager																																																																			
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Caller ID DN																																																																				
Display IE Delivery	False																																																																			
Redirecting Number IE Delivery - Outbound	not licensed																																																																			

Gateways H323				
Name	Description	Detailed Info		
		<table border="1"><tr><td>Enable Outbound FastStart</td><td>False</td></tr></table>	Enable Outbound FastStart	False
Enable Outbound FastStart	False			

6.3.2 MGCP Gateways

Cisco IP telephony gateways enable Cisco Unified CallManager 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 Cisco Unified CallManager controlling all session intelligence, Cisco Unified CallManager can easily manipulate MGCP gateway voice connections.

MGCP Gateways																																																																																																							
Device Info	Slot Info																																																																																																						
<table border="1"> <tr> <td colspan="2">Cisco 2811 (Domain)</td> </tr> <tr> <td>DomainName</td> <td>Domain</td> </tr> <tr> <td>Description</td> <td>Test MGCP 2811</td> </tr> <tr> <td>Product</td> <td>not licensed</td> </tr> <tr> <td>CallManagerGroup</td> <td>Default</td> </tr> <tr> <td colspan="2">Product Specific Configuration</td> </tr> <tr> <td>Global ISDN Switch Type</td> <td>4ESS</td> </tr> <tr> <td>Switchback Timing</td> <td>Graceful</td> </tr> <tr> <td>Switchback uptime-delay (min)</td> <td>not licensed</td> </tr> <tr> <td>Switchback schedule (hh:mm)</td> <td>12:00</td> </tr> <tr> <td>Type Of DTMF Relay</td> <td>NoChange</td> </tr> <tr> <td>Fax mode</td> <td>not licensed</td> </tr> <tr> <td>Modem Passthrough</td> <td>Disable</td> </tr> </table>	Cisco 2811 (Domain)		DomainName	Domain	Description	Test MGCP 2811	Product	not licensed	CallManagerGroup	Default	Product Specific Configuration		Global ISDN Switch Type	4ESS	Switchback Timing	Graceful	Switchback uptime-delay (min)	not licensed	Switchback schedule (hh:mm)	12:00	Type Of DTMF Relay	NoChange	Fax mode	not licensed	Modem Passthrough	Disable	<table border="1"> <tr> <td colspan="2">Installed Voice Interface Cards and Endpoint Identifiers</td> </tr> <tr> <td colspan="2">NM-4VWIC-MBRD in Slot 0</td> </tr> <tr> <td>VWIC-1MFT-E1 in Slot 0 / Subunit 0 / Port 0</td> <td> <table border="1"> <tr> <td colspan="2">Gateway Configuration VWIC-1MFT-E1 (0/0/0)</td> </tr> <tr> <td colspan="2">Device Information</td> </tr> <tr> <td>End-Point Name</td> <td>S0/SU0/DS1-0@Domain</td> </tr> <tr> <td>Description</td> <td>S0/SU0/DS1-0@Domain</td> </tr> <tr> <td>Device Pool</td> <td>not licensed</td> </tr> <tr> <td>Call Classification</td> <td>Use System Default</td> </tr> <tr> <td>Network Locale</td> <td>Australia</td> </tr> <tr> <td>Media Resource Group List</td> <td>not licensed</td> </tr> <tr> <td>Location</td> <td><None></td> </tr> <tr> <td>AAR Group</td> <td><None></td> </tr> <tr> <td>Load Information</td> <td>not 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Echo Cancellation Coverage (ms)	not licensed																																																		
VIC-4FXS in Slot 1 / Subunit 0 / Port 1	<table border="1"> <tr> <td colspan="2">Gateway Configuration VIC-4FXS (1/0/1)</td> </tr> <tr> <td colspan="2">Device Information</td> </tr> <tr> <td>End-Point Name</td> <td>AALN/S1/SU0/1@Domain</td> </tr> <tr> <td>Description</td> <td>AALN/S1/SU0/1@Domain</td> </tr> <tr> <td>Protocol</td> <td>not licensed</td> </tr> <tr> <td>Device Pool</td> <td>Default</td> </tr> <tr> <td>Call Classification</td> <td>OnNet</td> </tr> <tr> <td>Calling Search Space</td> <td>not licensed</td> </tr> <tr> <td>AAR Calling Search Space</td> <td><None></td> </tr> <tr> <td>Media Resource Group List</td> <td><None></td> </tr> <tr> <td>Location</td> <td>not licensed</td> </tr> <tr> <td>AAR Group</td> <td><None></td> </tr> <tr> <td>Network Locale</td> <td><None></td> </tr> <tr> <td colspan="2">Multilevel Precedence and Preemption (MLPP) Information</td> </tr> <tr> <td>MLPP Domain</td> <td></td> </tr> <tr> <td colspan="2">Port Information 1 (Analog Access)</td> </tr> <tr> <td>Port Direction</td> <td>Bothways</td> </tr> <tr> <td>Attendant DN</td> <td></td> </tr> <tr> <td colspan="2">Product Specific Configuration</td> </tr> <tr> <td>Hookflash Timer (50-1550ms)</td> <td></td> </tr> <tr> <td>Inter-digit Duration Timer (50-500 ms)</td> <td></td> </tr> <tr> <td>Input Gain (-6..14 db)</td> <td>not licensed</td> </tr> <tr> <td>Output Attenuation (-6..14 db)</td> <td></td> </tr> <tr> <td>Echo Cancellation Enable</td> <td></td> </tr> <tr> <td>Echo Cancellation Coverage (ms)</td> <td>not licensed</td> </tr> </table>	Gateway Configuration VIC-4FXS (1/0/1)		Device Information		End-Point Name	AALN/S1/SU0/1@Domain	Description	AALN/S1/SU0/1@Domain	Protocol	not licensed	Device Pool	Default	Call Classification	OnNet	Calling Search Space	not licensed	AAR Calling Search Space	<None>	Media Resource Group List	<None>	Location	not licensed	AAR Group	<None>	Network Locale	<None>	Multilevel Precedence and Preemption (MLPP) Information		MLPP Domain		Port Information 1 (Analog Access)		Port Direction	Bothways	Attendant DN		Product Specific Configuration		Hookflash Timer (50-1550ms)		Inter-digit Duration Timer (50-500 ms)		Input Gain (-6..14 db)	not licensed	Output Attenuation (-6..14 db)		Echo Cancellation Enable		Echo Cancellation Coverage (ms)	not licensed
Gateway Configuration VIC-4FXS (1/0/1)																																																			
Device Information																																																			
End-Point Name	AALN/S1/SU0/1@Domain																																																		
Description	AALN/S1/SU0/1@Domain																																																		
Protocol	not licensed																																																		
Device Pool	Default																																																		
Call Classification	OnNet																																																		
Calling Search Space	not licensed																																																		
AAR Calling Search Space	<None>																																																		
Media Resource Group List	<None>																																																		
Location	not licensed																																																		
AAR Group	<None>																																																		
Network Locale	<None>																																																		
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Port Direction	Bothways																																																		
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Output Attenuation (-6..14 db)																																																			
Echo Cancellation Enable																																																			
Echo Cancellation Coverage (ms)	not licensed																																																		

MGCP Gateways	
Device Info	Slot Info

6.3.3 Voice Gateways

Cisco IP telephony gateways enable Cisco Unified CallManager 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 CallManager cluster.

< No records found >

6.4 Phones (Short)

The following phones have been configured in the system. This is the short display version which includes the most important settings of each phone and associated extension(s).

Phones - Short Details															
Phone		Lines													
Phone SEP000F23C4924F (7912)		Lines													
Description	Auto 1008	#	Extension	Partition	CSS	Linetext	Alerting Name	External Mask	Pickup Grp	max/busy	VM Profile	CF All	CF Busy	CF NoAnswer	CFNA secs
DP	Default	1	1008	<None>	<None>				<None>	4 / 2		/<None>	/<None>	/<None>	
CSS	not licensed														
MRGL	<None>														
Location	<None>														
AAR Group	not licensed														
Button Template	Standard 7912														
Softkey Template	<None>														
Phone SEP00181934C2B4 (7920)		Lines													
Description	Auto 1015	#	Extension	Partition	CSS	Linetext	Alerting Name	External Mask	Pickup Grp	max/busy	VM Profile	CF All	CF Busy	CF NoAnswer	CFNA secs
DP	Default	1	1015	<None>	<None>				<None>	2 / 2		/<None>	/<None>	/<None>	
CSS	not licensed														
MRGL	<None>														
Location	<None>														
AAR Group	not licensed														
Button Template	Standard 7920														
Softkey Template	<None>														
Phone SEP0014A85EC518 (7940)		not licensed													
Description	Michael 8005														

Phones - Short Details															
Phone		Lines													
DP	Default														
CSS	not licensed														
MRGL	<None>														
Location	<None>														
AAR Group	not licensed														
Button Template	7940-2L														
Softkey Template	<None>														
Phone SEP00070E16C0C7 (7941)		Lines													
Description	Auto 1013	#	Extension	Partition	CSS	Linetext	Alerting Name	External Mask	Pickup Grp	max/busy	VM Profile	CF All	CF Busy	CF NoAnswer	CFNA secs
DP	Default	1	1013	<None>	<None>				<None>	4 / 2		/<None>	/<None>	/<None>	
CSS	not licensed														
MRGL	<None>														
Location	<None>														
AAR Group	not licensed														
Button Template	Standard 7941 SCCP														
Softkey Template	<None>														
Phone SEP001FCAEA0108 (7945)		Lines													
Description	Auto 1011	#	Extension	Partition	CSS	Linetext	Alerting Name	External Mask	Pickup Grp	max/busy	VM Profile	CF All	CF Busy	CF NoAnswer	CFNA secs
DP	Default	1	1011	<None>	<None>				<None>	4 / 2		/<None>	/<None>	/<None>	
CSS	not licensed														
MRGL	<None>														
Location	<None>														
AAR Group	not licensed														
Button Template	Standard 7945														
Softkey Template	<None>														

Phones - Short Details																																																								
Phone		Lines																																																						
Phone SEP000DBC04B235 (7960)		not licensed																																																						
Description	Mick 8003																																																							
DP	Default																																																							
CSS	not licensed																																																							
MRGL	<None>																																																							
Location	<None>																																																							
AAR Group	not licensed																																																							
Button Template	7960-3L-1URL-1CP-1SD																																																							
Softkey Template	<None>																																																							
Phone SEP001906DC51CB (7971)		<table border="1"> <thead> <tr> <th colspan="14">Lines</th> </tr> <tr> <th>#</th> <th>Extension</th> <th>Partition</th> <th>CSS</th> <th>Linetext</th> <th>Alerting Name</th> <th>External Mask</th> <th>Pickup Grp</th> <th>max/busy</th> <th>VM Profile</th> <th>CF All</th> <th>CF Busy</th> <th>CF NoAnswer</th> <th>CFNA secs</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>1014</td> <td><None></td> <td><None></td> <td></td> <td></td> <td></td> <td><None></td> <td>4 / 2</td> <td></td> <td>/<None></td> <td>/<None></td> <td>/<None></td> <td></td> </tr> </tbody> </table>													Lines														#	Extension	Partition	CSS	Linetext	Alerting Name	External Mask	Pickup Grp	max/busy	VM Profile	CF All	CF Busy	CF NoAnswer	CFNA secs	1	1014	<None>	<None>				<None>	4 / 2		/<None>	/<None>	/<None>	
Lines																																																								
#	Extension	Partition	CSS	Linetext	Alerting Name	External Mask	Pickup Grp	max/busy	VM Profile	CF All	CF Busy	CF NoAnswer	CFNA secs																																											
1	1014	<None>	<None>				<None>	4 / 2		/<None>	/<None>	/<None>																																												
Description	Auto 1014																																																							
DP	Default																																																							
CSS	not licensed																																																							
MRGL	<None>																																																							
Location	<None>																																																							
AAR Group	not licensed																																																							
Button Template	Standard 7971 SCCP																																																							
Softkey Template	<None>																																																							
Phone SEP001FCAE9CFA2 (7975)		<table border="1"> <thead> <tr> <th colspan="14">Lines</th> </tr> <tr> <th>#</th> <th>Extension</th> <th>Partition</th> <th>CSS</th> <th>Linetext</th> <th>Alerting Name</th> <th>External Mask</th> <th>Pickup Grp</th> <th>max/busy</th> <th>VM Profile</th> <th>CF All</th> <th>CF Busy</th> <th>CF NoAnswer</th> <th>CFNA secs</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>1012</td> <td><None></td> <td><None></td> <td></td> <td></td> <td></td> <td><None></td> <td>4 / 2</td> <td></td> <td>/<None></td> <td>/<None></td> <td>/<None></td> <td></td> </tr> </tbody> </table>													Lines														#	Extension	Partition	CSS	Linetext	Alerting Name	External Mask	Pickup Grp	max/busy	VM Profile	CF All	CF Busy	CF NoAnswer	CFNA secs	1	1012	<None>	<None>				<None>	4 / 2		/<None>	/<None>	/<None>	
Lines																																																								
#	Extension	Partition	CSS	Linetext	Alerting Name	External Mask	Pickup Grp	max/busy	VM Profile	CF All	CF Busy	CF NoAnswer	CFNA secs																																											
1	1012	<None>	<None>				<None>	4 / 2		/<None>	/<None>	/<None>																																												
Description	Auto 1012																																																							
DP	Default																																																							
CSS	not licensed																																																							

Phones - Short Details																																																							
Phone		Lines																																																					
MRGL	<None>																																																						
Location	<None>																																																						
AAR Group	not licensed																																																						
Button Template	Standard 7975																																																						
Softkey Template	<None>																																																						
Phone SEP000000000001 (IP Communicator)		not licensed																																																					
Description	Auto 1004																																																						
DP	Default																																																						
CSS	not licensed																																																						
MRGL	<None>																																																						
Location	<None>																																																						
AAR Group	not licensed																																																						
Button Template	Default IP Communicator Template																																																						
Softkey Template	<None>																																																						
Phone SEP00059A3C7800 (IP Communicator)		<table border="1"> <thead> <tr> <th colspan="14">Lines</th> </tr> <tr> <th>#</th> <th>Extension</th> <th>Partition</th> <th>CSS</th> <th>Linetxt</th> <th>Alerting Name</th> <th>External Mask</th> <th>Pickup Grp</th> <th>max/busy</th> <th>VM Profile</th> <th>CF All</th> <th>CF Busy</th> <th>CF NoAnswer</th> <th>CFNA secs</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>1006</td> <td><None></td> <td><None></td> <td></td> <td></td> <td></td> <td><None></td> <td>4 / 2</td> <td></td> <td>/<None></td> <td>/<None></td> <td>/<None></td> <td></td> </tr> </tbody> </table>												Lines														#	Extension	Partition	CSS	Linetxt	Alerting Name	External Mask	Pickup Grp	max/busy	VM Profile	CF All	CF Busy	CF NoAnswer	CFNA secs	1	1006	<None>	<None>				<None>	4 / 2		/<None>	/<None>	/<None>	
Lines																																																							
#	Extension	Partition	CSS	Linetxt	Alerting Name	External Mask	Pickup Grp	max/busy	VM Profile	CF All	CF Busy	CF NoAnswer	CFNA secs																																										
1	1006	<None>	<None>				<None>	4 / 2		/<None>	/<None>	/<None>																																											
Description	Auto 1006																																																						
DP	Default																																																						
CSS	not licensed																																																						
MRGL	<None>																																																						
Location	<None>																																																						
AAR Group	not licensed																																																						
Button Template	Default IP Communicator																																																						

Phones - Short Details															
Phone		Lines													
Template															
Softkey Template	<None>														
Phone SEP000C292FACFF (IP Communicator)		Lines													
Description	Auto 1007	#	Extension	Partition	CSS	Linetext	Alerting Name	External Mask	Pickup Grp	max/busy	VM Profile	CF All	CF Busy	CF NoAnswer	CFNA secs
DP	Default	1	1007	<None>	<None>				<None>	4 / 2		/<None>	/<None>	/<None>	
CSS	not licensed														
MRGL	<None>														
Location	<None>														
AAR Group	not licensed														
Button Template	Default IP Communicator Template														
Softkey Template	<None>														
Phone SEP000F1FBE96EE (IP Communicator)		not licensed													
Description	Auto 1005														
DP	Default														
CSS	not licensed														
MRGL	<None>														
Location	<None>														
AAR Group	not licensed														
Button Template	Default IP Communicator Template														
Softkey Template	<None>														

Phones - Short Details															
Phone		Lines													
Phone SEP00C09F18FE98 (IP Communicator)		Lines													
Description	Auto 1016	#	Extension	Partition	CSS	Linetext	Alerting Name	External Mask	Pickup Grp	max/busy	VM Profile	CF All	CF Busy	CF NoAnswer	CFNA secs
DP	Default	1	1016	<None>	<None>				<None>	4 / 2		/<None>	/<None>	/<None>	
CSS	not licensed														
MRGL	<None>														
Location	<None>														
AAR Group	not licensed														
Button Template	Default IP Communicator Template														
Softkey Template	<None>														

6.5 CTI Ports (Short)

CTI ports as virtual devices can have one or more virtual lines, and software-based Cisco Unified CallManager applications such as Cisco SoftPhone, Cisco AutoAttendant, and Cisco Unified IP Interactive Voice Response (IVR) use them.

You configure CTI ports by using the same Cisco Unified CallManager Administration windows as you use to configure phones. For first-party call control, you must add a CTI port for each active voice line.

CTI Phones - Short Details															
CTI Phone		Lines													
CTI arc8211 (CTI Port)		Lines													
Description	ARC_port	#	Extension	Partition	CSS	Linetext	Alerting Name	External Mask	Pickup Grp	max/busy	VM Profile	CF All	CF Busy	CF NoAnswer	CFNA secs
DP	Default	1	8211	<None>	<None>	arc port 8211	arc port 8211		<None>	4 / 1	NoVoiceMail	/<None>	/<None>	/<None>	
CSS	not licensed														
AAR CSS	<None>														
MRGL	<None>														
User Hold Audio Source	not licensed														
Network Hold Audio Source	<None>														
Location	<None>														
AAR Group	not licensed														
CTI arc8212 (CTI Port)		Lines													
Description	ARC_port	#	Extension	Partition	CSS	Linetext	Alerting Name	External Mask	Pickup Grp	max/busy	VM Profile	CF All	CF Busy	CF NoAnswer	CFNA secs
DP	Default	1	8212	<None>	<None>	ARC port 8212	ARC port 8212		<None>	4 / 1	NoVoiceMail	/<None>	/<None>	/<None>	
CSS	not licensed														
AAR CSS	<None>														
MRGL	<None>														
User Hold Audio Source	not licensed														
Network Hold Audio	<None>														

CTI Phones - Short Details																																																							
CTI Phone		Lines																																																					
Source																																																							
Location	<None>																																																						
AAR Group	not licensed																																																						
CTI arc8213 (CTI Port)		not licensed																																																					
Description	ARC_port																																																						
DP	Default																																																						
CSS	not licensed																																																						
AAR CSS	<None>																																																						
MRGL	<None>																																																						
User Hold Audio Source	not licensed																																																						
Network Hold Audio Source	<None>																																																						
Location	<None>																																																						
AAR Group	not licensed																																																						
CTI arc8214 (CTI Port)		<table border="1"> <thead> <tr> <th colspan="14">Lines</th> </tr> <tr> <th>#</th> <th>Extension</th> <th>Partition</th> <th>CSS</th> <th>Linetext</th> <th>Alerting Name</th> <th>External Mask</th> <th>Pickup Grp</th> <th>max/busy</th> <th>VM Profile</th> <th>CF All</th> <th>CF Busy</th> <th>CF NoAnswer</th> <th>CFNA secs</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>8214</td> <td><None></td> <td><None></td> <td>ARC port 8214</td> <td>ARC port 8214</td> <td></td> <td><None></td> <td>4 / 1</td> <td>NoVoiceMail</td> <td>/<None></td> <td>/<None></td> <td>/<None></td> <td></td> </tr> </tbody> </table>												Lines														#	Extension	Partition	CSS	Linetext	Alerting Name	External Mask	Pickup Grp	max/busy	VM Profile	CF All	CF Busy	CF NoAnswer	CFNA secs	1	8214	<None>	<None>	ARC port 8214	ARC port 8214		<None>	4 / 1	NoVoiceMail	/<None>	/<None>	/<None>	
Lines																																																							
#	Extension	Partition	CSS	Linetext	Alerting Name	External Mask	Pickup Grp	max/busy	VM Profile	CF All	CF Busy	CF NoAnswer	CFNA secs																																										
1	8214	<None>	<None>	ARC port 8214	ARC port 8214		<None>	4 / 1	NoVoiceMail	/<None>	/<None>	/<None>																																											
Description	ARC_port																																																						
DP	Default																																																						
CSS	not licensed																																																						
AAR CSS	<None>																																																						
MRGL	<None>																																																						
User Hold Audio Source	not licensed																																																						
Network Hold Audio Source	<None>																																																						
Location	<None>																																																						

CTI Phones - Short Details															
CTI Phone		Lines													
AAR Group	not licensed														
CTI arc8221 (CTI Port)		Lines													
Description	ARC_port ServiceQ	#	Extension	Partition	CSS	Linetext	Alerting Name	External Mask	Pickup Grp	max/busy	VM Profile	CF All	CF Busy	CF NoAnswer	CFNA secs
DP	Default	1	8221	<None>	<None>	ARC port SQ 8221	ARC port SQ 8221		<None>	4 / 2		/<None>	/<None>	/<None>	
CSS	not licensed														
AAR CSS	<None>														
MRGL	<None>														
User Hold Audio Source	not licensed														
Network Hold Audio Source	<None>														
Location	<None>														
AAR Group	not licensed														
CTI arc8222 (CTI Port)		not licensed													
Description	ARC_port ServiceQ														
DP	Default														
CSS	not licensed														
AAR CSS	<None>														
MRGL	<None>														
User Hold Audio Source	not licensed														
Network Hold Audio Source	<None>														
Location	<None>														
AAR Group	not licensed														

CTI Phones - Short Details															
CTI Phone		Lines													
CTI arc8231 (CTI Port)		Lines													
Description	ARC_port CallPark	#	Extension	Partition	CSS	Linetext	Alerting Name	External Mask	Pickup Grp	max/busy	VM Profile	CF All	CF Busy	CF NoAnswer	CFNA secs
DP	Default	1	8231	<None>	<None>	ARC port Park 8231	ARC port Park 8231		<None>	4 / 2	NoVoiceMail	/<None>	/<None>	/<None>	
CSS	not licensed														
AAR CSS	<None>														
MRGL	<None>														
User Hold Audio Source	not licensed														
Network Hold Audio Source	<None>														
Location	<None>														
AAR Group	not licensed														
CTI arc8232 (CTI Port)		Lines													
Description	ARC_port CallPark	#	Extension	Partition	CSS	Linetext	Alerting Name	External Mask	Pickup Grp	max/busy	VM Profile	CF All	CF Busy	CF NoAnswer	CFNA secs
DP	Default	1	8232	<None>	<None>	ARC port Park 8232	ARC port Park 8232		<None>	4 / 2	NoVoiceMail	/<None>	/<None>	/<None>	
CSS	not licensed														
AAR CSS	<None>														
MRGL	<None>														
User Hold Audio Source	not licensed														
Network Hold Audio Source	<None>														
Location	<None>														
AAR Group	not licensed														
CTI CRS_8100 (CTI Port)		not licensed													
Description	JTAPI Group #0-1														

CTI Phones - Short Details															
CTI Phone		Lines													
DP	Default														
CSS	not licensed														
AAR CSS	<None>														
MRGL	<None>														
User Hold Audio Source	not licensed														
Network Hold Audio Source	SampleAudioSource														
Location	<None>														
AAR Group	not licensed														
CTI CRS_8101 (CTI Port)		Lines													
Description	JTAPI Group #0-1	#	Extension	Partition	CSS	Linetext	Alerting Name	External Mask	Pickup Grp	max/busy	VM Profile	CF All	CF Busy	CF NoAnswer	CFNA secs
DP	Default	1	8101	<None>	<None>				<None>	2 / 1	NoVoiceMail	/<None>	/<None>	/<None>	
CSS	not licensed														
AAR CSS	<None>														
MRGL	<None>														
User Hold Audio Source	not licensed														
Network Hold Audio Source	SampleAudioSource														
Location	<None>														
AAR Group	not licensed														
CTI CRS_8110 (CTI Port)		Lines													
Description	JTAPI Group #1-1	#	Extension	Partition	CSS	Linetext	Alerting Name	External Mask	Pickup Grp	max/busy	VM Profile	CF All	CF Busy	CF NoAnswer	CFNA secs
DP	Default	1	8110	<None>	<None>				<None>	2 / 1	NoVoiceMail	/<None>	/<None>	/<None>	
CSS	not licensed														

CTI Phones - Short Details		
CTI Phone		Lines
AAR CSS	<None>	
MRGL	<None>	
User Hold Audio Source	not licensed	
Network Hold Audio Source	SampleAudioSource	
Location	<None>	
AAR Group	not licensed	
CTI CRS_8111 (CTI Port)		not licensed
Description	JTAPI Group #1-1	
DP	Default	
CSS	not licensed	
AAR CSS	<None>	
MRGL	<None>	
User Hold Audio Source	not licensed	
Network Hold Audio Source	SampleAudioSource	
Location	<None>	
AAR Group	not licensed	

6.6 Trunks

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)
- ❖ Intercluster trunk (gatekeeper controlled)
- ❖ Intercluster trunk

< No records found >

6.7 Device Settings

Cisco Unified CallManager allows you to configure the following device settings in your telephony system:

- ❖ Common Profile
- ❖ Device Profile Default
- ❖ Device Profile
- ❖ Firmware Load Information
- ❖ Phone Button Template
- ❖ Softkey Template
- ❖ CAPF Report

6.7.1 Device Profiles (Short)

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.

< No records found >

6.7.2 Phone Button Templates

Cisco Unified CallManager 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 Templates		
Button	Feature	Label
'7940-2L' for Cisco 7940 (2 buttons)		
1	Line (not configurable)	Line 1
2	Line	Line
'7960-3L-1URL-1CP-1SD' for Cisco 7960 (34 buttons)		
1	Line (not configurable)	Line 1
2	Line	Line 2
3	not licensed	not licensed
4	Service URL	Service URL
5	Call Park BLF	Call Park BLF
6	not licensed	not licensed
7	None	None
8	None	None
9	not licensed	not licensed
10	None	None
11	None	None
12	not licensed	not licensed
13	None	None
14	None	None
15	not licensed	not licensed
16	None	None
17	None	None
18	not licensed	not licensed
19	None	None
20	None	None
21	not licensed	not licensed
22	None	None
23	None	None
24	not licensed	not licensed
25	None	None
26	None	None
27	not licensed	not licensed
28	None	None
29	None	None
30	not licensed	not licensed
31	None	None
32	None	None
33	not licensed	not licensed
34	None	None
'Default IP Communicator Template' (read-only) for Cisco IP Communicator (8 buttons)		

Phone Button Templates		
Button	Feature	Label
1	Line (not configurable)	Line 1
2	Line	Line 2
3	not licensed	not licensed
4	Speed Dial	Speed Dial 2
5	Speed Dial	Speed Dial 3
6	not licensed	not licensed
7	Speed Dial	Speed Dial 5
8	Speed Dial	Speed Dial 6
'Default VGC Virtual Phone Template' (read-only) for Cisco VGC Virtual Phone (1 buttons)		
1	Line (not configurable)	Line 1
'ISDN BRI Phone' (read-only) for ISDN BRI Phone (1 buttons)		
1	Line (not configurable)	Line
'Standard 12 S' (read-only) for Cisco 12 S (12 buttons)		
1	Line	Line 1
2	Line	Line 2
3	not licensed	not licensed
4	Speed Dial	Speed Dial 1
5	Speed Dial	Speed Dial 2
6	not licensed	not licensed
7	Hold	Hold
8	Transfer	Transfer
9	not licensed	not licensed
10	Call Park	Call Park
11	Message Waiting	Message Waiting
12	not licensed	not licensed
'Standard 12 SP' (read-only) for Cisco 12 SP (12 buttons)		
1	Line	Line 1
2	Line	Line 2
3	not licensed	not licensed
4	Speed Dial	Speed Dial 1
5	Speed Dial	Speed Dial 2
6	not licensed	not licensed
7	Hold	Hold
8	Transfer	Transfer
9	not licensed	not licensed
10	Call Park	Call Park
11	Message Waiting	Message Waiting
12	not licensed	not licensed
'Standard 12 SP+' (read-only) for Cisco 12 SP+ (12 buttons)		
1	Line	Line 1
2	Line	Line 2
3	not licensed	not licensed
4	Speed Dial	Speed Dial 1
5	Speed Dial	Speed Dial 2
6	not licensed	not licensed
7	Hold	Hold

Phone Button Templates		
Button	Feature	Label
8	Transfer	Transfer
9	not licensed	not licensed
10	Call Park	Call Park
11	Message Waiting	Message Waiting
12	not licensed	not licensed
'Standard 30 SP+' (read-only) for Cisco 30 SP+ (26 buttons)		
1	Line	Line 1
2	Line	Line 2
3	not licensed	not licensed
4	Line	Line 4
5	Call Park	Call Park
6	not licensed	not licensed
7	None	None
8	None	None
9	not licensed	not licensed
10	Speed Dial	Speed Dial 2
11	Speed Dial	Speed Dial 3
12	not licensed	not licensed
13	Speed Dial	Speed Dial 5
14	Message Waiting	Message Waiting
15	not licensed	not licensed
16	Conference	Conference
17	None	None
18	not licensed	not licensed
19	None	None
20	None	None
21	not licensed	not licensed
22	Speed Dial	Speed Dial 6
23	Speed Dial	Speed Dial 7
24	not licensed	not licensed
25	Speed Dial	Speed Dial 9
26	AEC (not configurable)	AEC
'Standard 30 VIP' (read-only) for Cisco 30 VIP (26 buttons)		
1	Line	Line 1
2	Line	Line 2
3	not licensed	not licensed
4	Line	Line 4
5	Call Park	Call Park
6	not licensed	not licensed
7	None	None
8	None	None
9	not licensed	not licensed
10	Speed Dial	Speed Dial 2
11	Speed Dial	Speed Dial 3
12	not licensed	not licensed
13	Speed Dial	Speed Dial 5

Phone Button Templates		
Button	Feature	Label
14	Message Waiting	Message Waiting
15	not licensed	not licensed
16	Conference	Conference
17	None	None
18	not licensed	not licensed
19	None	None
20	None	None
21	not licensed	not licensed
22	Speed Dial	Speed Dial 6
23	Speed Dial	Speed Dial 7
24	not licensed	not licensed
25	Speed Dial	Speed Dial 9
26	Speed Dial	Speed Dial 10
'Standard 7902' (read-only) for Cisco 7902 (7 buttons)		
1	Line (not configurable)	Line 1
2	Speed Dial (not configurable)	Speed Dial
3	not licensed	not licensed
4	Speed Dial (not configurable)	Speed Dial
5	Speed Dial (not configurable)	Speed Dial
6	not licensed	not licensed
7	Settings (not configurable)	Settings
'Standard 7905' (read-only) for Cisco 7905 (7 buttons)		
1	Line (not configurable)	Line 1
2	Speed Dial (not configurable)	Speed Dial
3	not licensed	not licensed
4	Speed Dial (not configurable)	Speed Dial
5	Speed Dial	Speed Dial
6	not licensed	not licensed
7	Settings (not configurable)	Settings
'Standard 7906' (read-only) for Cisco 7906 (6 buttons)		
1	Line (not configurable)	Line 1
2	None	None
3	not licensed	not licensed
4	Speed Dial (not configurable)	Speed Dial
5	Speed Dial (not configurable)	Speed Dial
6	not licensed	not licensed
'Standard 7910' (read-only) for Cisco 7910 (10 buttons)		
1	Line (not configurable)	Line 1
2	Hold (not configurable)	Hold
3	not licensed	not licensed
4	Settings (not configurable)	Settings
5	Message Waiting	Message Waiting
6	not licensed	not licensed
7	Forward All	Forward All
8	Speed Dial	Speed Dial 1
9	not licensed	not licensed

Phone Button Templates		
Button	Feature	Label
10	Redial	Redial
'Standard 7911' (read-only) for Cisco 7911 (6 buttons)		
1	Line (not configurable)	Line 1
2	None	None
3	not licensed	not licensed
4	Speed Dial (not configurable)	Speed Dial
5	Speed Dial (not configurable)	Speed Dial
6	not licensed	not licensed
'Standard 7912' (read-only) for Cisco 7912 (7 buttons)		
1	Line (not configurable)	Line 1
2	Speed Dial (not configurable)	Speed Dial
3	not licensed	not licensed
4	Speed Dial (not configurable)	Speed Dial
5	Speed Dial	Speed Dial
6	not licensed	not licensed
7	Settings (not configurable)	Settings
'Standard 7920' (read-only) for Cisco 7920 (6 buttons)		
1	Line (not configurable)	Line 1
2	Line	Line 2
3	not licensed	not licensed
4	Speed Dial	Speed Dial 2
5	Speed Dial	Speed Dial 3
6	not licensed	not licensed
'Standard 7921 SCCP' (read-only) for Cisco 7921 (6 buttons)		
1	Line (not configurable)	Line
2	Line	Line
3	not licensed	not licensed
4	Speed Dial	Speed Dial
5	Speed Dial	Speed Dial
6	not licensed	not licensed
'Standard 7925 SCCP' (read-only) for Cisco 7925 (6 buttons)		
1	Line (not configurable)	Line
2	Line	Line
3	not licensed	not licensed
4	Speed Dial	Speed Dial
5	Speed Dial	Speed Dial
6	not licensed	not licensed
'Standard 7931 SCCP' (read-only) for Cisco 7931 (24 buttons)		
1	Line (not configurable)	Line 1
2	Line	Line 2
3	not licensed	not licensed
4	Line	Line 4
5	Line	Line 5
6	not licensed	not licensed
7	Line	Line 7
8	Line	Line 8

Phone Button Templates		
Button	Feature	Label
9	not licensed	not licensed
10	Speed Dial	Speed Dial 2
11	Speed Dial	Speed Dial 3
12	not licensed	not licensed
17	None	None
18	None	None
19	not licensed	not licensed
20	None	None
'Standard 7935' (read-only) for Cisco 7935 (1 buttons)		
1	Line (not configurable)	Line 1
'Standard 7936' (read-only) for Cisco 7936 (1 buttons)		
1	Line (not configurable)	Line 1
'Standard 7937' (read-only) for Cisco 7937 (12 buttons)		
1	Line (not configurable)	Line
2	None	None
3	not licensed	not licensed
4	Speed Dial (not configurable)	Speed Dial
5	Speed Dial (not configurable)	Speed Dial
6	not licensed	not licensed
7	Speed Dial (not configurable)	Speed Dial
8	Speed Dial (not configurable)	Speed Dial
9	not licensed	not licensed
10	Speed Dial (not configurable)	Speed Dial
11	Speed Dial (not configurable)	Speed Dial
12	not licensed	not licensed
'Standard 7940' (read-only) for Cisco 7940 (2 buttons)		
1	Line (not configurable)	Line 1
2	Speed Dial	Speed Dial 1
'Standard 7941 SCCP' (read-only) for Cisco 7941 (2 buttons)		
1	Line (not configurable)	Line
2	Line	Line
'Standard 7941G-GE SCCP' (read-only) for Cisco 7941G-GE (2 buttons)		
1	Line (not configurable)	Line
2	Line	Line
'Standard 7942' (read-only) for Cisco 7942 (2 buttons)		
1	Line (not configurable)	Line
2	Line	Line
'Standard 7945' (read-only) for Cisco 7945 (2 buttons)		
1	Line (not configurable)	Line 1
2	Line	Line 2
'Standard 7960' (read-only) for Cisco 7960 (6 buttons)		
1	Line (not configurable)	Line 1
2	Line	Line 2
3	not licensed	not licensed
4	Speed Dial	Speed Dial 2
5	Speed Dial	Speed Dial 3

Phone Button Templates		
Button	Feature	Label
6	not licensed	not licensed
'Standard 7961 SCCP' (read-only) for Cisco 7961 (6 buttons)		
1	Line (not configurable)	Line
2	Line	Line
3	not licensed	not licensed
4	Speed Dial	Speed Dial2
5	Speed Dial	Speed Dial3
6	not licensed	not licensed
'Standard 7961G-GE SCCP' (read-only) for Cisco 7961G-GE (6 buttons)		
1	Line (not configurable)	Line
2	Line	Line
3	not licensed	not licensed
4	Speed Dial	Speed Dial2
5	Speed Dial	Speed Dial3
6	not licensed	not licensed
'Standard 7962' (read-only) for Cisco 7962 (6 buttons)		
1	Line (not configurable)	Line
2	Line	Line
3	not licensed	not licensed
4	Speed Dial	Speed Dial2
5	Speed Dial	Speed Dial3
6	not licensed	not licensed
'Standard 7965' (read-only) for Cisco 7965 (6 buttons)		
1	Line (not configurable)	Line 1
2	Line	Line 2
3	not licensed	not licensed
4	Speed Dial	Speed Dial 2
5	Speed Dial	Speed Dial 3
6	not licensed	not licensed
'Standard 7970 SCCP' (read-only) for Cisco 7970 (8 buttons)		
1	Line (not configurable)	Line1
2	Line	Line2
3	not licensed	not licensed
4	Speed Dial	Speed Dial 2
5	Speed Dial	Speed Dial 3
6	not licensed	not licensed
7	Speed Dial	Speed Dial 5
8	Speed Dial	Speed Dial 6
'Standard 7971 SCCP' (read-only) for Cisco 7971 (8 buttons)		
1	Line (not configurable)	Line 1
2	Line	Line 2
3	not licensed	not licensed
4	Speed Dial	Speed Dial 2
5	Speed Dial	Speed Dial 3
6	not licensed	not licensed
7	Speed Dial	Speed Dial 5

Phone Button Templates		
Button	Feature	Label
8	Speed Dial	Speed Dial 6
'Standard 7975' (read-only) for Cisco 7975 (8 buttons)		
1	Line (not configurable)	Line 1
2	Line	Line 2
3	not licensed	not licensed
4	Speed Dial	Speed Dial 2
5	Speed Dial	Speed Dial 3
6	not licensed	not licensed
7	Speed Dial	Speed Dial 5
8	Speed Dial	Speed Dial 6
'Standard 7985' (read-only) for Cisco 7985 (8 buttons)		
1	Line (not configurable)	Line1
2	Line	Line
3	not licensed	not licensed
4	Speed Dial	Speed Dial
5	Speed Dial	Speed Dial
6	not licensed	not licensed
7	Speed Dial	Speed Dial
8	Speed Dial	Speed Dial
'Standard Analog' (read-only) for Analog Phone (1 buttons)		
1	Line (not configurable)	Line
'Standard Assistant 7940' (read-only) for Cisco 7940 (2 buttons)		
1	Line (not configurable)	Line 1
2	Line	Line 2
'Standard Assistant 7960' (read-only) for Cisco 7960 (34 buttons)		
1	Line (not configurable)	Line 1
2	Speed Dial	Speed Dial 1
3	not licensed	not licensed
4	Speed Dial	Speed Dial 3
5	Speed Dial	Speed Dial 4
6	not licensed	not licensed
7	Line	Line 2
8	Line	Line 3
9	not licensed	not licensed
10	Line	Line 5
11	Line	Line 6
12	not licensed	not licensed
13	Speed Dial	Speed Dial 6
14	Speed Dial	Speed Dial 7
15	not licensed	not licensed
16	Speed Dial	Speed Dial 9
17	Speed Dial	Speed Dial 10
18	not licensed	not licensed
19	Speed Dial	Speed Dial 12
20	Speed Dial	Speed Dial 13
21	not licensed	not licensed

Phone Button Templates		
Button	Feature	Label
22	Speed Dial	Speed Dial 15
23	Speed Dial	Speed Dial 16
24	not licensed	not licensed
25	Speed Dial	Speed Dial 18
26	Speed Dial	Speed Dial 19
27	not licensed	not licensed
28	Speed Dial	Speed Dial 21
29	Speed Dial	Speed Dial 22
30	not licensed	not licensed
31	Speed Dial	Speed Dial 24
32	Speed Dial	Speed Dial 25
33	not licensed	not licensed
34	Speed Dial	Speed Dial 27
'Standard Assistant 7970' (read-only) for Cisco 7970 (36 buttons)		
1	Line (not configurable)	Line 1
2	Speed Dial	Speed Dial 1
3	not licensed	not licensed
4	Speed Dial	Speed Dial 3
5	Speed Dial	Speed Dial 4
6	not licensed	not licensed
7	Speed Dial	Speed Dial 6
8	Speed Dial	Speed Dial 7
9	not licensed	not licensed
10	Line	Line 3
11	Line	Line 4
12	not licensed	not licensed
13	Line	Line 6
14	Line	Line 7
15	not licensed	not licensed
16	Speed Dial	Speed Dial 9
17	Speed Dial	Speed Dial 10
18	not licensed	not licensed
19	Speed Dial	Speed Dial 12
20	Speed Dial	Speed Dial 13
21	not licensed	not licensed
22	Speed Dial	Speed Dial 15
23	Speed Dial	Speed Dial 16
24	not licensed	not licensed
25	Speed Dial	Speed Dial 18
26	Speed Dial	Speed Dial 19
27	not licensed	not licensed
28	Speed Dial	Speed Dial 21
29	Speed Dial	Speed Dial 22
30	not licensed	not licensed
31	Speed Dial	Speed Dial 24
32	Speed Dial	Speed Dial 25

Phone Button Templates		
Button	Feature	Label
33	not licensed	not licensed
34	Speed Dial	Speed Dial 27
35	Speed Dial	Speed Dial 28
36	not licensed	not licensed
'Standard ATA 186' (read-only) for Cisco ATA 186 (10 buttons)		
1	Line (not configurable)	Line 1
2	Speed Dial (not configurable)	Speed Dial 1
3	not licensed	not licensed
4	Speed Dial (not configurable)	Speed Dial 3
5	Speed Dial (not configurable)	Speed Dial 4
6	not licensed	not licensed
7	Speed Dial (not configurable)	Speed Dial 6
8	Speed Dial (not configurable)	Speed Dial 7
9	not licensed	not licensed
10	Speed Dial (not configurable)	Speed Dial 9
'Standard IP-STE' (read-only) for IP-STE (2 buttons)		
1	Line (not configurable)	Line
2	None (not configurable)	None
'Standard VGC Phone' (read-only) for Cisco VGC Phone (10 buttons)		
1	Line (not configurable)	Line 1
2	Speed Dial (not configurable)	Speed Dial 1
3	not licensed	not licensed
4	Speed Dial (not configurable)	Speed Dial 3
5	Speed Dial (not configurable)	Speed Dial 4
6	not licensed	not licensed
7	Speed Dial (not configurable)	Speed Dial 6
8	Speed Dial (not configurable)	Speed Dial 7
9	not licensed	not licensed
10	Speed Dial (not configurable)	Speed Dial 9

6.7.3 Softkey Templates

Softkey templates include softkey settings that are associated with applications such as Cisco Unified CallManager Assistant or call-processing features such as Cisco Call Back on the Cisco Unified IP Phones.

Cisco Unified CallManager supports two types of softkey templates: standard and nonstandard. Standard softkey templates in the Cisco Unified CallManager database contain the recommended selection and positioning of the softkeys for an application.

Template Name	Description	Assigned Softkeys
Standard Assistant (Standard)	Standard template for assistant phones	Connected
		1 End Call (9)(EndCall)
		2 Transfer (4)(Trnsfer)
		3 not licensed
		4 Conference (13)(Confrn)
		5 Conference List (30)(ConfList)
		6 not licensed
		7 Select (29)(Select)
		8 Join (15)(Join)
		9 not licensed
		10 Transfer to Voice Mail (68)(TrnsfVM)
		11 Park (14)(Park)
		12 not licensed
		Connected Conference
		1 End Call (9)(EndCall)
		2 Conference (13)(Confrn)
		Connected Transfer
		1 End Call (9)(EndCall)
		2 Transfer (4)(Trnsfer)
		Digits After First
		1 End Call (9)(EndCall)
		Off Hook
		1 End Call (9)(EndCall)
		2 Forward All (5)(CfwdAll)
		3 not licensed
		4 Group Pick Up (18)(GPickUp)
		5 Meet Me (16)(MeetMe)
		Off Hook With Feature
		1 End Call (9)(EndCall)
		On Hold
		1 NewCall (2)(NewCall)
		2 Immediate Divert (65)(ImmDiv)
		3 not licensed
		4 Select (29)(Select)
		5 Join (15)(Join)
		6 not licensed
		On Hook
		1 NewCall (2)(NewCall)
		2 Forward All (5)(CfwdAll)
		Remote In Use

		<table border="1"> <tr> <td>1</td> <td>NewCall (2)(NewCall)</td> </tr> <tr> <td colspan="2">Ring In</td> </tr> <tr> <td>1</td> <td>Immediate Divert (65)(ImmDiv)</td> </tr> <tr> <td>2</td> <td>Transfer to Voice Mail (68)(TrnsfVM)</td> </tr> <tr> <td colspan="2">Ring Out</td> </tr> <tr> <td>1</td> <td>End Call (9)(EndCall)</td> </tr> </table>	1	NewCall (2)(NewCall)	Ring In		1	Immediate Divert (65)(ImmDiv)	2	Transfer to Voice Mail (68)(TrnsfVM)	Ring Out		1	End Call (9)(EndCall)																																																																				
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7 DC Users

Cisco Unified CallManager uses the Data Connection Directory (DC-Directory) as an embedded LDAP directory. This directory stores authentication and authorization information about users.

Authentication establishes the user right to access the system, while authorization identifies the telephony resources that a user is permitted to use, such as a specific telephone extension.

Associating devices to a user gives the user control over specified devices. Users control some devices, such as phones. Applications that are identified as users control other devices, such as CTI ports. When users have control of a phone, they can control certain settings for that phone, such as speed dial and call forwarding.

Users															
UserID	First Name	Last Name	Department	Telephone Number	Primary Ext	ICD Ext	Manager	Locale	allow Call Park Retrieval	enable CTI	enable CTI Super Provider	Proxy Rights	calling Number Mod Allowed	Devices	associated PC
arc_tsp		arc_tsp				none			True	True	True	False	True	ARC8000, ARC8001, arc8211, arc8212, arc8214, arc8221, arc8222, arc8231, arc8232, SEP000DBC04B235, SEP0014A85EC518	
nonicbau	Nicolai	Bauer		2123	1013	none		Norwegian Norway	False	False	False	False	False	SEP00070E16C0C7	
crsjtapi		not licensed				not licensed			not licensed	not licensed	not licensed	not licensed	not licensed	not licensed	
crsadmin	crsadmin	crsadmin							True	True	True	False	True		
jtapi		jtapi							True	True	True	False	True	SEP000DBC04B235, SEP0014A85EC518	
8005	not licensed	not licensed		not licensed				not licensed	not licensed	not licensed	not licensed	not licensed	not licensed		
crsjtapi_1	crs	user							False	True	False	False	False	CRS_8100, CRS_8101, CRS_8110, CRS_8111, RP_8300	
crsrmjtapi	crs	user							True	True	True	False	True		

