

Cisco Unified CallManager 4.0-PBX Interoperability: Alcatel 4400 Release 4.2 to a Cisco Catalyst 6608 Gateway using E1 Q.SIG with MGCP

Introduction

This is an application note for connectivity of Alcatel 4400 Release 4.2 PBX with Cisco Unified CallManager Release 4.0 using a Cisco 6608-E1 QSIG as MGCP Gateway.

The Network Topology diagram shows the test set-up for end-to-end interoperability with the Cisco Unified CallManager connected to the PBX through a Cisco 6608-E1 QSIG link as MGCP Gateway.

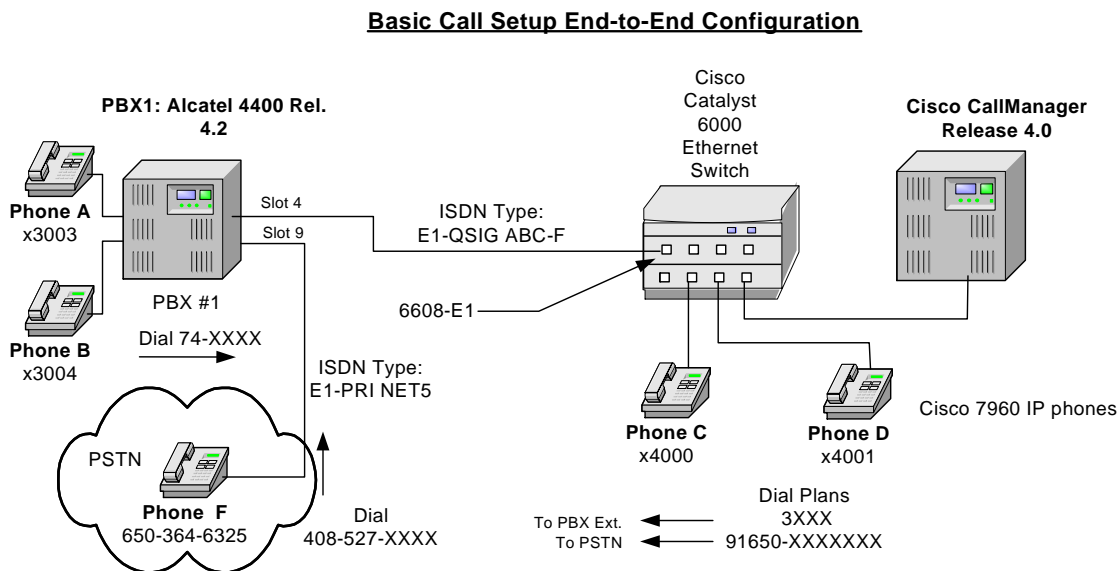
Connectivity is achieved by using the PRI ISO QSIG E1 protocol type on the MGCP gateway and ABC-F (ISO version) as protocol type on the Alcatel 4400 PBX.

Basic Calls work in both directions with Calling/Connected Name and Calling Number features support.

Alcatel 4400 Release 4.2 PBX does not honor the Connected Number Identification Presentation feature. The Alcatel phone does not display 'Connected Number' even though Cisco Unified CallManager is sending the information in the connect message.

Network Topology

Figure 1. Network Topology





Limitations

Calling Name and Number Feature

When calling from Alcatel digital phone to Cisco 7960 IP phone, the Cisco IP phone displays Calling Name and Number when the call is answered. The Alcatel phone however displays connected Name only, and no Connected Number when the call is answered. Alcatel does not honor Connected Number Identification Presentation Q.SIG service even though Cisco Unified CallManager is sending the Connected Number information in the connect message.

Cisco Unified CallManager Release 4.0 does not support sending Alerting Name or Busy Name Identification information.

System Components

Hardware Requirements

- Cisco Catalyst 6000 switch with 6608-E1 Gateway
- Alcatel 4400 PBX with PRA2, 3BA23076- E1 PRI/QSIG hardware
- Cisco Unified CallManager server

Software Requirements

- Cisco Unified CallManager Release 4.0
- PBX software release 4.2

Features

Key Features Supported

Calling Name Identification Presentation
Calling Number Identification Presentation
Connected Name Identification Presentation

Key Features Not Supported

Sending Alerting Name Identification
Sending Busy Name Identification
Updating Connected Number on Alcatel phone for Basic Calls

Configuration

Configuration Sequence and Tasks

1. Configure “ISO function” System Parameter
2. Configure Board
3. Configure Digital Access Options
4. Configure Trunk Group
5. Configure Trunk Detail
6. T2 Access



Configuration Menus and Commands

Configuring the Alcatel 4400

Configure "ISO function" System Parameter

```
\compidea\System::1\Other System Param::1
```

Other System Param.	
Instance (reserved)	1
Trunk seizure via attendant	True
No On-hook tone detection	True
TrkGrp No.in ticket for transit call	True
VPN service	False
ISVPN Node No.	1
Nb Digits displayed on sets	16
Melody Ringing Type	1
Int.Call Ringing Cadence No	1
Ext.Call Ringing Cadence No	1
Executive Type Ringing Cadence No	1
Prioritary Call Cadence No	1
ISO Function	True
Booking B Channel	True
Uncontrol.Business Account Code	False
Business Pref.With Business No.	True
Project prefix With Code	False
Follow-Me on Remote forwarding	False
BC HLC Fax	1
VG Recording Gain from an UA set	3
Calling Line Id.length	7
Nb Of Secret Code Errors	0
Transfer All Business Call Types	True
Attendt Keep Local on Enqu.cancel	False
Compatibility GF	True
Alphanum.Char.Entering-mode2	True
Spain version 2	False
Delete First STAR Digit	True
QSIG1 (reserved)	0
QSIG2 (reserved)	0
Stop Tie Line Supervision	False
Tie Line Germany	0
Entity For Virtual Set	0
Nb Of Business Code Errors	0
Disabled Code Duration	0
Poor ARS Rerouting memo.Dur.	20
Poor ARS Poor Route Inhibit Dur.	180
Tickets by Nb MiniMessages	True
Remote Numeric Gain For 4630	True
Project Code In Redial Key	True
Cx on Progress message	False
Differred transm.(Swiss trick)	False
Send NDS NDI	False
Call Distributed On Att.In Order	False
Nb non answ. int. messages by set	16
NS_read_before_ack	False
SNCM	0



Configure Board

Interface type must be set to **PRA2**

\compidea\Shelf::0\Board::4

Board	4
Board Address	4
Interface Type	PRA2
Administrative status	Enabled
Usage State	Busy
Operational State	Enabled
Main/Standby State	Main (Master)
Number Of Sets Being Connect.	1
Remote Shelf Address	255
Remote Board Address	255
Synchronisation Priority	255
IO2 With SPB	NO
AUXU Parameters 1	None
AUXU Parameters 2	None
AUXU Parameters 3	None
AUXU Parameters 4	None
CRC4	YES
Country Protocol Type	Default
Time Slots\0	0
Time Slots\1	1
Time Slots\2	1
Time Slots\3	1
Time Slots\4	1
Time Slots\5	1
Time Slots\6	1
Time Slots\7	1
Time Slots\8	1
Time Slots\9	1
Time Slots\10	1
Time Slots\11	1
Time Slots\12	1
Time Slots\13	1
Time Slots\14	1
Time Slots\15	1
Time Slots\16	0
Time Slots\17	1
Time Slots\18	1
Time Slots\19	1
Time Slots\20	1
Time Slots\21	1
Time Slots\22	1
Time Slots\23	1
Time Slots\24	1
Time Slots\25	1
Time Slots\26	1
Time Slots\27	1
Time Slots\28	1
Time Slots\29	1
Time Slots\30	1
Time Slots\31	1
Voice-->Data TS	YES
SU shelf Type	2 PCM Shelf
DECT Location area number	255
Send Init Dynamic Msg	False
Param By Default	True
Clock Mode	Internal
CPU with Optimized B Channel Access	NO



Board with DTM	False
Incidents Teleservice	YES
VG Recording Max.Duration	0
DASS2 Simulate Network	NO
DPNSS Layer 2 Address	A
ISDN Board Layer 2 Parameters\Retransmission Timer	100
ISDN Board Layer 2 Parameters\TEI Identity Check Timer	100
ISDN Board Layer 2 Parameters\Polling Timer	1000
ISDN Board Layer 2 Parameters\Nb_Of_Retransmission	3
ISDN Board Layer 2 Parameters\Max Frame Size (Bytes)	260
ISDN Board Layer 2 Parameters\Window Size In Frames SAPI S T0	1
ISDN Board Layer 2 Parameters\Window Size In Frames SAPI P T0	3
ISDN Board Layer 2 Parameters\Window Size In Frames SAPI S T2	7
ISDN Board Layer 2 Parameters\Window Size In Frames SAPI P T2	7
Number of configurated ports	1
Associated CPU	255
Number of configurated E1 ports	8
Synchronisation mode	Adaptative
In Band Signalling	NO
Passive board	NO
SS7 signalling	NO
PRA7 TS signalling	16
ISDN T2 on PRA7 board	NO
Use Data Compression	NO
Mutual Aid	YES
LIO Daughter Board	COMP6
INTIP Daughter Board	GIP6x1
Tone on Board	R2 Tone
Number of Used Compressors	0
GNISC in Rack	255
GNISC in position	255
Usage State	Slave
Atm address	
TS used on PCM 0	0
TS used on PCM 1	0
TS used on PCM 2	0
TS used on PCM 3	0
TS used on PCM 4	0
TS used on PCM 5	0
TS used on PCM 6	0
TS used on PCM 7	0
Daughter board equipped	NO
Nb of Compressors for Gateway	0
Nb of Compressors for IP Devices	0
Mode	Gateway IP
Voice Guide Language Index	1
CLIP Signalization	No CLIP
IVR Protocol	No IVR Protocol
4615 Present	NO
LIOE coupler 1 address	255
LIOE coupler 2 address	255
Associated BBC2 coupler	255
Associated BBC2 access	255
Board IP Version	IP Default
Use of volume in system	YES
Local volume (dB)	0
Network recording use	False
Remote node number	255



Configure Digital Access Options

Network mode must be set to **Yes** for (Master/Network) or **No-** (Slave/User).
Access Type must be set to **T2**.

```
\compidea\Shelf::0\Board::4\Digital Access::0
```

Digital Access	
T0/T2 Access No.	0
Access Type	T2
Used Access	YES
Synchronisation Priority	255
Network Mode	YES
Max Nb Of Used B Channels	30
Max_Nb_Of_Compressed_B_Channels	0
Nb Of Signalization TS	1
TieLine Mode	YES
With Alarm	NO
Access Type S0	NO
Reserved1	NO
Reserved2	NO
Network Date Time Update	NO
CRC4	YES
Port Class	NOT SIG
Multiframe Type	SF
Line Type	Short Haul 0 to 35 meters
Pulses Encoding	AMI
Retransmission Timer	100
TEI Identity Check Timer	100
Polling Timer	1000
Nb_OF_Retransmission	3
Max Frame Size (Bytes)	260
Window Size In Frames SAPI S	7
Window Size In SAPI P	7
B Channel Rate	64K

Configure Trunk Group

Q931 signal variant is used to set the protocol type to **ABC-F**

```
\compidea\Trunk Groups::1
```

Trunk Groups	
Trunk Group Id	1
Trunk Group Type	T2
Trunk Group Name	PRI-ABCF
Node number	1
Transcom Trunk Group	False
Auto.reserv.by Attendant	False
Overflow trunk group No.	-1
Tone on seizure	True
Private Trunk Group	False
Paging Trunk Group	False
Paging Table Id	-1
Paging Signalization	NDDI
Security Patrol	False
Q931 signal variant	ABC-F
Operator Id	ANSI
SS7 signal variant	No variant



Number Compatible With	-1
Prefix Sending	False
Number Of Digits To Send	4
Channel selection type	Quantum
Remote Network	15
Shared Trunk Group	False
T.line Calling last dig.length	0
auto.DTMF dialing on outgoing call	NO
T2 Specificity	None
Public Network Category	0
DDI transcoding	False
Special Services	Nothing
Can support UUS in SETUP	True
Register Signalling	Decadic/MF Q23
Implicit Priority\Activation mode	0
Implicit Priority\Priority Level	0
Preempter	NO
Incoming calls Restriction categ.	10
Outgoing calls Restriction categ.	10
mpt1343 callee number	NO

Configure Trunk Detail

\compidea\Trunk Groups::1\Trunk Group::1

Trunk Group	
Instance (reserved)	1
Trunk Group Type	T2
Public Network Ref.	
Dialling end to end	NO
DTMF end to end signal.	NO
Paying Incoming Calls	NO
TS Permanently assigned	NO
Min. Nb.of digits on seize	0
Signal.with access code	NO
Trunk group used in DISA	NO
DISA Secret Code	
VG for non-existent No.	YES
Routing To Executive	NO
Trunk Category Id	19
Nb of digits unused (ISDN)	4
B Channel Choice	YES
Channels Reserved By Attend.	0
Dissuasion For ACD	NO
DTO joining	NO
Enquiry Call On B Channel	NO
DDI Mode	NO
Automated Attendant	NO
Calling party Rights category	0
Entity Number	0
TS Overflow	YES
Number To Be Added	
Supervised by Routing	NO
Access Cluster Id	-1
VPN Cost Limit for Incom.Calls	0
Immediat Trk Listening For VPN Call	YES
VPN TS %	50
Csta Monitored	NO
Max.% of trunks	0



Charge Calling And ADN Creation	NO
Ratio analog.to ISDN tax	
Collect Calls Allowed	YES
Priority of Call	NO
PCM Network Mode	NO
LogicalChannel	1__15 & 17__31
TS Distribution on Accesses	YES
Use Split Acces	NO
Heterogeneous Remote Network	NO
Barring mode	Not barred
ARS class of service	31
Megacom Service	NO
SDN Service	NO
Quality profile for voice on IP	Profile #1
IP compression type	Default
Use of volume in system	YES
Local volume (dB)	0
External Access Server	NO
Mcdcu Trk MonitCsta	
Announcement for Dialtone	NO
Announcement for Ringtone	NO
Private to Public Overflow	YES

T2 Access

\compidea\Trunk Groups::1\T2/T1/T0 Access::0-4-0

T2/T1/T0 Access	
Physical Address	0-4-0
Access Type	T2
Access Cluster Id	-1
Time Slots T2	01111111111111111011111111111111
11	
Time Slots T0	011
Time Slots T1 CCS	01111111111111111111111110
Time Slots Virtual	01111110000000
DLCI	16
Committed Information Rate	48
Extended Information Rate	64
CIR Measurement Interval	10
Support Time Slot Address	
ISDN Compression Number	
Release Support Timer (100ms)	0
Protection Timer (1mn)	0



Configuring Cisco Unified CallManager

6608-E1 Gateway Configuration

The screenshot shows the Cisco CallManager 4.0 Administration web interface in Microsoft Internet Explorer. The browser address bar shows the URL: `http://cm-klngon/CCMAdmin/gatewayconfig.asp?pkid={2E043967-780A-4425-8FEF-343CBAD17186}&type=2`. The page title is "Gateway Configuration".

System Route Plan Service Feature Device User Application Help

Cisco CallManager Administration
For Cisco IP Telephony Solutions

Gateway Configuration [Back to Find/List Gateways](#)
[Dependency Records](#)

Product : Cisco Catalyst 6000 E1 VoIP Gateway
Gateway : S0/DS1-0@SDA0001C9D8633E
Device Protocol: Digital Access PRI
Registration: Registered with Cisco CallManager 172.20.32.254
IP Address: 172.20.32.103

Status: Ready

Device Information

MAC Address*	<input type="text" value="0001C9D8633E"/>
Description	<input type="text" value="SDA0001C9D8633E"/>
Device Pool*	<input type="text" value="Default"/>
Network Locale	<input type="text" value="United States"/>
Media Resource Group List	<input type="text" value=" < None >"/>
Location	<input type="text" value=" < None >"/>
AAR Group	<input type="text" value=" < None >"/>
Load Information	<input type="text"/>

Multilevel Precedence and Preemption (MLPP) Information

MLPP Domain (e.g., "0000FF")	<input type="text"/>
MLPP Indication	Not available on this device
MLPP Preemption	Not available on this device

Interface Information

PRI Protocol Type*	<input type="text" value="PRI ISO QSIG E1"/>
Protocol Side*	<input type="text" value="User"/>
Channel Selection Order*	<input type="text" value="Top Down"/>
Channel IE Type*	<input type="text" value="Continuous Number"/>

Local intranet



Cisco CallManager 4.0 Administration - Gateway Configuration - Microsoft Internet Explorer

File Edit View Favorites Tools Help

← Back → Search Favorites Media

Address <http://cm-klinton/CCMAdmin/gatewayconfig.asp?pkid={2E043967-780A-4425-8FEF-343CBAD17186}&type=2> Go Links >>

PCM Type* A-law

Delay for first restart (1/8 sec ticks) 32

Delay between restarts (1/8 sec ticks) 4

Inhibit restarts at PRI initialization

Enable status poll

Call Routing Information

Inbound Calls

Significant Digits* All

Calling Search Space Incoming Trunk

AAR Calling Search Space < None >

Prefix DN

Outbound Calls

Calling Line ID Presentation* Default

Calling Party Selection* Originator

Called party IE number type unknown* Unknown

Calling party IE number type unknown* Unknown

Called Numbering Plan* Private

Calling Numbering Plan* Unknown

Number of digits to strip* 0

Caller ID DN

SMDI Base Port* 0

PRI Protocol Type Specific Information

Display IE Delivery

Redirecting Number IE Delivery - Outbound

Redirecting Number IE Delivery - Inbound

Send Extra Leading Character In DisplayIE***

Setup non-ISDN Progress Indicator IE Enable****

Local intranet



Cisco CallManager 4.0 Administration - Gateway Configuration - Microsoft Internet Explorer

Address: http://cm-klngon/CCMAdmin/gatewayconfig.asp?pkid={2E043967-780A-4425-8FEF-343CBAD17186}&type=2

MCDN Channel Number Extension Bit Set to Zero**

Send Calling Name In Facility IE

Interface Identifier Present**

Interface Identifier Value**

Connected Line ID Presentation (QSIG Inbound Call)*

Connected PBX Model

Product Specific Configuration

Clock Reference*

Framing*

Audio Signal Adjustment into IP Network*

Audio Signal Adjustment from IP Network*

Zero Suppression*

Digit On Duration(50-500ms)*

Interdigit Duration(50-500msec)*

SNMP Community String

Disable SNMP Set operations*

Debug Port Enable*

Hold Tone Silence Duration*

Port Used for Voice Calls*

Port Used for Modem Calls*

Port Used for Fax Calls*

Fax and Modem Parameters

Fax Relay Enable*

Fax Error Correction Mode Override*

Maximum Fax Rate*

Fax Payload Size*

Non Standard Facilities Country Code*



Cisco CallManager 4.0 Administration - Gateway Configuration - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address <http://cm-klngon/CCMAdmin/gatewayconfig.asp?pkid={2E043967-780A-4425-8FEF-343CBAD17186}&type=2> Go Links

Non Standard Facilities Vendor Code*

Fax/Modem Packet Redundancy*

NSE Type*

Playout Delay Parameters

Initial Playout Delay*

Minimum Playout Delay*

Maximum Playout Delay*

Echo Canceller Configuration

Echo TailLength (ms)*

Minimum ERL (db)*

* indicates required item
** applicable to DMS-100 protocol only
*** applicable to DMS-100 protocol and DMS-250 protocol only
**** may be required to force ringback from some PBXs

Local intranet



Enbloc Route Pattern Configuration

Cisco CallManager 4.0 Administration - Route Pattern/Hunt Pilot Configuration - Microsoft Internet Explorer

Address: http://cm-klngon/CCMAdmin/routepatternconfig.asp?pkid={A29F6445-47AC-4744-A898-635AE467A195}

Route Pattern/Hunt Pilot: 3XXX

Status: Ready
Note: Any update to this Route Pattern or Hunt Pilot automatically resets the associated gateway or Route/Hunt List

Copy Update Delete

Pattern Definition

Route Pattern/Hunt Pilot* 3XXX

Partition < None >

Description

Numbering Plan* North American Numbering Plan

Route Filter < None >

MLPP Precedence Default

Gateway or Route/Hunt List* S0/DS1-0@SDA0001C9D8633E (Edit)

Route Option

Route this pattern

Block this pattern — Not Selected —

Provide Outside Dial Tone Allow Overlap Sending Urgent Priority

Calling Party Transformations

Use Calling Party's External Phone Number Mask

Calling Party Transform Mask

Prefix Digits (Outgoing Calls)

Calling Line ID Presentation Default

Calling Name Presentation Default

Connected Party Transformations

Connected Line ID Presentation Default

Connected Name Presentation Default

Called Party Transformations

Discard Digits < None >

Called Party Transform Mask

Prefix Digits (Outgoing Calls)

ISDN Network-Specific Facilities Information Element

Carrier Identification Code

Network Service Protocol — Not Selected —

Network Service	Service Parameter Name	Service Parameter Value
— Not Selected —	< Not Exist >	

Done Local intranet



Overlap Sending Route Pattern Configuration

Cisco CallManager 4.0 Administration - Route Pattern/Hunt Pilot Configuration - Microsoft Internet Explorer

Address: http://cm-klngon/CCMAdmin/routepatternconfig.asp?pkid={E959BFF6-5645-4444-9E24-2768AFCAAD03}

Route Pattern/Hunt Pilot: 9.X

Status: Ready
Note: Any update to this Route Pattern or Hunt Pilot automatically resets the associated gateway or Route/Hunt List

Copy Update Delete

Pattern Definition

Route Pattern/Hunt Pilot*: 9.X
Partition: < None >
Description:
Numbering Plan*: North American Numbering Plan
Route Filter: < None >
MLPP Precedence: Default
Gateway or Route/Hunt List*: S0/DS1-0@SDA0001C9D8633E (Edit)
Route Option:
 Route this pattern
 Block this pattern: - Not Selected -

Provide Outside Dial Tone Allow Overlap Sending Urgent Priority

Calling Party Transformations

Use Calling Party's External Phone Number Mask
Calling Party Transform Mask:
Prefix Digits (Outgoing Calls):
Calling Line ID Presentation: Default
Calling Name Presentation: Default

Connected Party Transformations

Connected Line ID Presentation: Default
Connected Name Presentation: Default

Called Party Transformations

Discard Digits: PreDot
Called Party Transform Mask:
Prefix Digits (Outgoing Calls):

ISDN Network-Specific Facilities Information Element

Carrier Identification Code:
Network Service Protocol: - Not Selected -
Network Service: Service Parameter Name: Service Parameter Value:
- Not Selected - < Not Exist >

Done Local intranet



PSTN Route Pattern Configuration

Cisco CallManager 4.0 Administration - Route Pattern/Hunt Pilot Configuration - Microsoft Internet Explorer

Address: http://cm-klngon/CCMAdmin/routepatternconfig.asp?pkid={A0E58AC2-80ED-4857-9D43-DCC43AA6EA56}

Route Pattern/Hunt Pilot: 91650XXXXXX

Status: Ready
Note: Any update to this Route Pattern or Hunt Pilot automatically resets the associated gateway or Route/Hunt List

Copy Update Delete

Pattern Definition

Route Pattern/Hunt Pilot* 91650XXXXXX

Partition < None >

Description

Numbering Plan* North American Numbering Plan

Route Filter < None >

MLPP Precedence Default

Gateway or Route/Hunt List* S0/DS1-0@SDA0001C9D8633E (Edit)

Route Option

Route this pattern

Block this pattern - Not Selected -

Provide Outside Dial Tone Allow Overlap Sending Urgent Priority

Calling Party Transformations

Use Calling Party's External Phone Number Mask

Calling Party Transform Mask

Prefix Digits (Outgoing Calls) 408527

Calling Line ID Presentation Default

Calling Name Presentation Default

Connected Party Transformations

Connected Line ID Presentation Default

Connected Name Presentation Default

Called Party Transformations

Discard Digits < None >

Called Party Transform Mask

Prefix Digits (Outgoing Calls)

ISDN Network-Specific Facilities Information Element

Carrier Identification Code

Network Service Protocol - Not Selected -

Network Service	Service Parameter Name	Service Parameter Value
- Not Selected -	< Not Exist >	

Done Local intranet



Cisco IP Phone 7960 Configuration

Phone Configuration

[Add a new phone](#)
[Add/Update Speed Dials](#)
[Subscribe/Unsubscribe Services](#)
[Dependency Records](#)
[Back to Find/List Phones](#)

Directory Numbers

Base Phone

- 7912 Line 1 - 4000 in 7915 Phones
- 7912 Line 2 - Add new DN 7919

Phone: SEP000B5FD22FE8 (Auto 4000)
Registration: Registered with Cisco CallManager 172.20.32.254
IP Address: 172.20.32.102
Status: Ready

Copy Update Delete Reset Phone

Phone Configuration (Model = Cisco 7960)

Device Information

MAC Address*	000B5FD22FE8
Description	Auto 4000
Owner User ID	<input type="text"/> (Select User ID)
Device Pool*	Default (View details)
Calling Search Space	< None >
AAR Calling Search Space	< None >
Media Resource Group List	< None >
User Hold Audio Source	< None >
Network Hold Audio Source	< None >
Location	< None >
User Locale	< None >
Network Locale	< None >
Device Security Mode	Use System Default
Built In Bridge	Default
Privacy	Default

Phone Button Template Information

Phone Button Template*	Standard 7960 (View button list)
------------------------	----------------------------------

Softkey Template Information

Softkey Template	< None >
------------------	----------

Expansion Module Information

Module 1	< None >
Module 2	< None >

Local intranet



Cisco CallManager 4.0 Administration - Phone Configuration - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address http://cm-klington/CCMAdmin/phoneconfig.asp?pkid={23EE0A35-0B85-42D6-8B13-18D674D3F2CE}

Firmware Load Information (leave blank to use default)

Phone Load Name

Module 1 Load Name (Module 1 selection required)

Module 2 Load Name (Module 2 selection required)

Cisco IP Phone - External Data Locations (leave blank to use default)

Information

Directory

Messages

Services

Authentication Server

Proxy Server

Idle

Idle Timer (seconds)

Extension Mobility (Device Profile) Information

Enable Extension Mobility Feature

Log Out Profile

Log In User ID

Log In Time

Log Out Time

Multilevel Precedence and Preemption (MLPP) Information

MLPP Domain (e.g., "0000FF")

MLPP Indication

MLPP Preemption

Product Specific Configuration

Disable Speakerphone

Disable Speakerphone and Headset

Forwarding Delay*

PC Port*

Settings Access*

Gratuitous ARP*

PC Voice VLAN Access*

Local intranet



Cisco CallManager 4.0 Administration - Directory Number Configuration - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address <http://cm-klngon/CCMAdmin/directorynumber.asp?NumPlanMapID={FDF4C8AE-583C-4480-9C58-36FC82BAA685}> Go Links

Directory Number Configuration

[Configure Device \(SEP000B5FD22FE8\)](#)
[Dependency Records](#)

Associated With
SEP000B5FD22FE8
7960 (Line 1)

Directory Number: 4000 (Phones)
Status: Ready
Note: Any update to this Directory Number automatically resets the associated devices

Update Remove from Device Reset Devices

Directory Number
Directory Number* 4000
Partition Phones

Directory Number Settings
Voice Mail Profile <None> (Choose <None> to use default)
Calling Search Space Phones
AAR Group <None>
User Hold Audio Source <None>
Network Hold Audio Source <None>
Auto Answer Auto Answer Off

Call Forward and Pickup Settings

	Voice Mail Destination	Calling Search Space
Forward All	<input type="checkbox"/>	<None>
Forward Busy	<input type="checkbox"/>	<None>
Forward No Answer	<input type="checkbox"/>	<None>
No Answer Ring Duration	(seconds)	
Call Pickup Group	<None>	

MLPP Alternate Party Settings
Target (Destination)
Calling Search Space <None>
No Answer Ring Duration (seconds)

Line Settings for this Device
Display (Internal Caller ID) JOHN DOE
Line Text Label
External Phone Number Mask

Done Local intranet



Cisco CallManager 4.0 Administration - Directory Number Configuration - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Media Print

Address http://cm-kingon/CCMAdmin/directorynumber.asp?NumPlanMapID={FDF4C8AE-583C-4480-9C58-36FC82BAA685} Go Links

Message Waiting Lamp Policy Use System Policy

Ring Setting (Phone Idle) Use System Default

Ring Setting (Phone Active)** Use System Default

Multiple Call / Call Waiting Settings

Maximum Number of Calls* 4 (1 - 200)

Busy Trigger* 2 (<= Max. Calls)

Forwarded Call Information Display

Caller Name Caller Number

Redirected Number Dialed Number

* indicates required item; changes to Line or Directory Number settings require restart.

** Ring Setting (Phone Active) applies to this line when any line on the phone has a call in progress.

Note:
If you are using a language other than English for Display (Internal Caller ID) or Line Text Label text, make sure the correct character set (shown below) is selected. Text displays incorrectly if the wrong character set is selected. (English characters are included in all character sets.)

Character Set Western European (Latin 1)

Done Local intranet



Important Information

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