

# Cisco Unified CallManager Release 4.1-PBX Interoperability: Alcatel 4400 Release 5.1 PBX with 2650XM-E1 QSIG as MGCP Gateway

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## Introduction

This is an application note for connectivity of Alcatel 4400 Release 5.1 PBX with Cisco Unified CallManager Release 4.1 using 2650XM\_E1 QSIG as MGCP gateway.

The network topology diagram (Figure 1) shows the test setup for end-to-end interoperability with the Cisco Unified CallManager connected to the PBX via 2650XM\_E1 QSIG link as MGCP gateway.

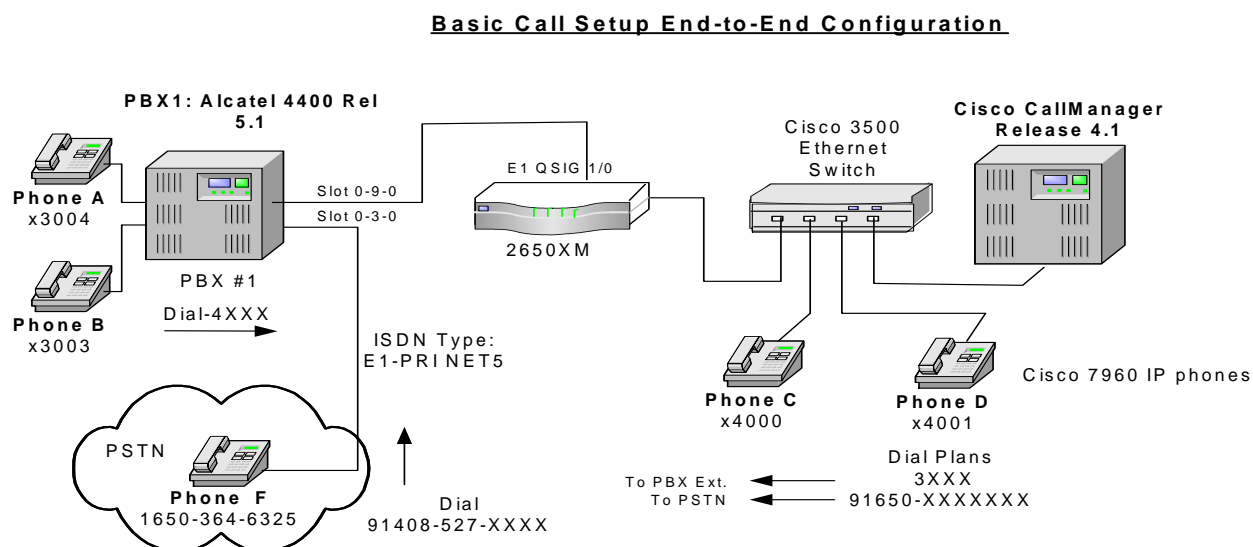
Connectivity is achieved by using the PRI QSIG E1 protocol type on the MGCP gateway and ABC\_F (QSIG\_GF filtered) switch type on the Alcatel 4400 PBX.

This Application Note uses the 2650XM\_E1 voice gateway, however other Cisco voice gateways are also an option to use since Cisco Unified CallManager QSIG implementation does not depend on the physical interface.



## Network Topology

Figure 1. Network Topology or Test Setup



## Limitations

### Basic Call with Overlap Sending

- Alcatel does not display connected number when configured for Overlap Sending. CCM does send connected name and number when answering the original call.

### Call Forward by Join

- Alcatel does not support call forwarding by join. Instead the Alcatel performs a reroute.

### Path Replacement for Call Transfer

- Alcatel did not update connected name and number after Path Replacement.

### Additional Network Feature Path Replacement for Call Diversion

- Alcatel does not send Path Replacement proposal for Call Diversion by forward switch.

### MWI

- Cisco has not been able to validate MWI functionality in our labs due to the fact that we do not have an internal voicemail system on our Alcatel PBX. However, Alcatel's documentation confirms that OmniPCX 4400 PBX's does support MWI as long as the Alcatel PBX is the message center PINX. Also MWI was confirmed to be working at a Cisco customer's site on an Alcatel 4400 Release 4.2 system supporting an internal Octel voicemail blade.



- With Cisco Unified CallManager configured as the message center PINX, Alcatel 4400 PBX Release 4.2 system does not support QSIG MWI.

## **System Components**

### **Hardware Requirements**

#### Cisco Hardware:

Cisco 2650XM router with 2MFT-E1 ports

Cisco Unified CallManager

#### Alcatel 4400 PBX:

PRA2

### **Software Requirements**

Cisco Unified CallManager 4.1

PBX Software version 5.1

## **Features**

### **Features Supported**

CLIP-Calling Line (Number) Identification Presentation

CLIR-Calling Line (Number) Identification Restriction

CNIP-Calling Name Identification Presentation

CNIR-Calling Name Identification Restriction

COLP-Connected Line (Number) Identification Presentation

COLR- Connected Line (Number) Identification Restriction

CONP-Connected Name Identification Presentation

CONR- Connected Name Identification Restriction

Sending Alerting Name

CT-Call Transfer (by join)

CFU-Call Forwarding Unconditional (by join)

CFB-Call Forwarding Busy (by join)

CFNR-Call Forwarding No Reply (by join)

CFU-Call Forwarding Unconditional (by Reroute)

CFB-Call Forwarding Busy (by Reroute)

CFNR-Call Forwarding No Reply (by Reroute)



CCBS-Call Completion to Busy Subscriber

CCNR-Call Completion No Reply

ANF-PR-Additional Network Feature Path Replacement (for Call Transfer by join).

ANF-PR-Additional Network Feature Path Replacement (for Call Diversion by forward switching)

ANF-PR-Additional Network Feature Path Replacement (for Trombone connection)

Message Waiting Indication is supported by Alcatel OmniPCX PBX's (lamp ON, lamp OFF, (See Limitation))

## Configuration

### Configuration Sequence and Tasks

Configure Board.

Configure Digital Access

Configure "ISO Function" System Parameter.

Configure PRI-ABC\_F Trunk Group

Configure PSTN Trunk Group

Configure Network Routing

Configure Network Routing "Own Node".

Configure Routing Prefix.

Configure Digital Station

Configure Digital Station Phone Facilities



## Configuration Menus and Commands

### Configuring the Alcatel 4400 PBX

#### Configure the Board

The screenshot displays the Cisco Configuration Manager (CCM) interface for configuring an Alcatel 4400 PBX board. The window title is "OmniVista 4760 - NEXTIRAONE:389 - AdminNmc". The main menu includes "File", "Applications", "Security", "Preferences", "Configuration", "Windows", and "Help".

The "Configuration: alcatel51" window is open, showing a tree view on the left under "Networks" > "PCX". The selected item is "9 BPRA2 Busy Enabled Main". The right pane displays the configuration for "alcatel51:0" in a table format:

alcatel51:0	
Board Address	9
Interface Type	BPRA2
Usage State	Busy
Operational State	Enabled
Main/Standby State	Main (Master)
Number Of Sets Connected	4
Country Protocol Type	Default
Incidents Teleservice	YES
ISDN Board Layer 2 Parameters	
Retransmission Timer	100
TEI Identity Check Timer	100
Polling Timer	1000
No. Of Retransmissions	3
Max Frame Size (Bytes)	260

At the bottom of the configuration pane, there are "All" and "Action" buttons. Below the configuration pane is a toolbar with various icons and a page number "1".

The command window at the bottom shows the following output:

```
[1:35:20 PM] > Request 5 sent to alcatel51.  
[1:35:20 PM] > Request 5 completed on alcatel51: 1 instance(s) received.
```



OmniVista 4760 - NEXIRAONE:389 - AdminNmc

File Applications Security Preferences Configuration Windows Help

Configuration: alcatel51

Networks PCX

- 5 PCM2 Idle Enabled Main (
- 6 INTOFA Unknown Enabled
- 7 Z12\_2 Active Enabled Main
- 8 EMTL Busy Enabled Main
- 9 BPRA2 Busy Enabled Main
  - ATM port
  - ATM E1
  - ATM access
  - BBC2 Access
  - TA adaptor
  - S0 Bus
  - Digital Access
  - Virtual Access
  - Transfix Access
  - Ethernet Access
  - Inter-ACT Link
  - ACT Or SU Events
  - GPA DSP program
  - Dynamic Init Parameters
  - Signaling link
  - Signaling Link Backup
  - IBS
  - SOSM Boards
  - RFP
  - Ethernet Parameters
  - Voice Guide Index MG

Configuration

alcatel51:0	
Board Address	9
ISDN Board Layer 2 Parameters	
Retransmission Timer	100
TEI Identity Check Timer	100
Polling Timer	1000
No. Of Retransmissions	3
Max Frame Size (Bytes)	260
T0 ISDN Board Layer 2 Paramet	
Window Size In Frames SAPI S	1
Window Size In Frames SAPI E	3
T2 ISDN Board Layer 2 Paramet	
Window Size In Frames SAPI S	7
Window Size In Frames SAPI E	7
Virtual board	NO

All Action

[1:35:20 PM] > Request 5 sent to alcatel51.  
[1:35:20 PM] > Request 5 completed on alcatel51: 1 instance(s) received.

Configuration: alcatel51



## Configure Digital Access

The screenshot shows the Cisco Configuration Manager interface for configuring digital access on an Alcatel 51 device. The left pane shows a tree view of configuration options, with 'Digital Access' expanded to show '0 T2 BPRA2 255 YES'. The right pane displays the configuration details for 'alcatel51:0:9'.

alcatel51:0:9	
<b>T0/T2 Access No.</b>	0
Access Type	T2
Access Board Type	BPRA2
Synchronization Priority	255
Network Mode	YES
Max No Of Used B Channels	30
Max No. Of Compressed B Chan	0
Tieline Mode	YES
With Alarm	NO
Reserved1	NO
Reserved2	NO
Network Date Time Update	NO
CRC4	YES

The bottom status bar shows the following messages:

```
[1:37:32 PM] > Request 6 sent to alcatel51.  
[1:37:32 PM] > Request 6 completed on alcatel51: 4 instance(s) received.
```



### Configure "ISO Function" System Parameter

The screenshot shows the Cisco Configuration Manager interface. The left pane displays a tree view of the configuration hierarchy for 'alcatel51', with 'System Parameters' selected. The right pane shows the configuration table for 'alcatel51:1'. The 'ISO Function' parameter is checked. The bottom status bar shows a successful completion message.

alcatel51:1	
Instance (reserved)	1
Trunk seizure via attendant	<input checked="" type="checkbox"/>
No detect of On-hook tone	<input checked="" type="checkbox"/>
TrkGrp in ticket for trans.call	<input checked="" type="checkbox"/>
VPN service	<input type="checkbox"/>
ISVPN Node No.	1
No. 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
Priority Call Cadence No.	1
ISO Function	<input checked="" type="checkbox"/>
Reserve B Channel	<input checked="" type="checkbox"/>

[1:29:52 PM] > Request 2 sent to alcatel51.  
[1:29:52 PM] > Request 2 completed on alcatel51: 1 instance(s) received.





### Configure PRI ABC\_F Trunk Group

The screenshot shows the Cisco Configuration Manager interface for device 'alcatel51'. The left pane shows a tree view of configuration objects, with 'Trunk Groups' expanded and '4 T2 PRI-ABCF 1 No No -1 Yes No' selected. The right pane shows the configuration details for this trunk group.

alcatel51	
Trunk Group ID	4
Trunk Group Type	T2
Trunk Group Name	PRI-ABCF
Node number	1
Transcom Trunk Group	<input type="checkbox"/>
Auto.reserv.by Attendant	<input type="checkbox"/>
Overflow trunk group No.	-1
Tone on seizure	<input checked="" type="checkbox"/>
Private Trunk Group	<input type="checkbox"/>
Q931 Signal variant	ABC-F
SS7 Signal variant	No variant
Number Compatible With	-1
Number Of Digits To Send	4
Channel selection type	Quantified
Remote Network	2
Shared Trunk Group	<input type="checkbox"/>

At the bottom of the window, a command line shows the following messages:

```
[1:38:33 PM] > Request 7 sent to alcatel51.  
[1:38:33 PM] > Request 7 completed on alcatel51: 11 instance(s) received.
```



OmniVista 4760 - NEXTIRAONE:389 - AdminNmc

File Applications Security Preferences Configuration Windows Help

Configuration: alcatel51

Networks PCX

- alcatel51
  - Shelf
  - Media Gateway
  - PWT/DECT System
  - System
  - Translator
  - Classes of Service
  - Attendant
  - Users
  - Users by profile
  - Set Profile
  - Groups
  - Speed Dialing
  - Phone Book
  - Entities
  - Trunk Groups
    - 0 T2 PRI-ABCF 1 No No -1 Yes No
    - 1 T2 PRI-ABCF 1 No No -1 Yes No
    - 3 LIA E M 2W 1 No No -1 Yes
    - 4 T2 PRI-ABCF 1 No No -1 Yes No
    - 5 NDDI (BCA) NDDI 1 No No -1 No
    - 6 NDDI (BCA) NDDI 1 No No -1 Yes
    - 7 T0 BRI-QSIG 1 No No -1 Yes No
    - 8 T0 BRI-ABCF 1 No No -1 Yes No
    - 9 T0 BRI-ISDN 1 No No -1 Yes No
    - 10 LIA E M 4W 1 No No -1 Yes
    - 11 LIA pcm2 1 No No -1 No
  - External Services
  - Inter-Node Links

Configuration

alcatel51	
Trunk Group ID	4
Channel description type	ccanmcc
Remote Network	2
Shared Trunk Group	<input type="checkbox"/>
Auto.DTMF dialing on outgoing c	NO
T2 Specification	None
Public Network COS	0
DID transcoding	<input type="checkbox"/>
Special Services	Nothing
Can support UUS in SETUP	<input checked="" type="checkbox"/>
Implicit Priority	
Activation mode	0
Priority Level	0
Preempter	NO
Incoming calls Restriction COS	10
Outgoing calls Restriction COS	10
Callee number mpt1343	NO

All

[1:38:33 PM] > Request 7 sent to alcatel51.  
[1:38:33 PM] > Request 7 completed on alcatel51: 11 instance(s) received.

Configuration: alcatel51



OmniVista 4760 - NEXTIRAONE:389 - AdminNmc

File Applications Security Preferences Configuration Windows Help

Configuration: alcatel51

Networks PCX

- alcatel51
  - Shelf
  - Media Gateway
  - PWT/DECT System
  - System
  - Translator
  - Classes of Service
  - Attendant
  - Users
  - Users by profile
  - Set Profile
  - Groups
  - Speed Dialing
  - Phone Book
  - Entities
  - Trunk Groups
    - 0 T2 PRI-ABCF 1 No No -1 Yes No
    - 1 T2 PRI-ABCF 1 No No -1 Yes No
    - 3 LIA E M 2W 1 No No -1 Yes
    - 4 T2 PRI-ABCF 1 No No -1 Yes No
      - Trunk Group
        - 1 T2 NO NO
          - T2/T1/T0 Access
          - Trunk
          - Virtual access for SIP
      - Trunk group NPD selector
    - 5 NDDI (BCA) NDDI 1 No No -1 No
    - 6 NDDI (BCA) NDDI 1 No No -1 Yes
    - 7 T0 BRLOSIG 1 No No -1 Yes No

Configuration

alcatel51:4	
Instance (reserved)	1
Trunk Group Type	T2
Public Network Ref.	
End-to-end dialing	NO
DTMF end-to-end signal.	NO
Trunk group used in DISA	NO
DISA Secret Code	
VG for non-existent No.	YES
Routing To Manager	NO
Trunk COS ID	18
No. of digits unused (ISDN)	0
B Channel Choice	YES
Channels: Attendant Control (Rs)	0
Redirection For ACD (Dissuasio	NO
DTO joining	NO
Consultation Call On B Channel	NO

All Action

[1:42:21 PM] > Request 8 sent to alcatel51.  
[1:42:21 PM] > Request 8 completed on alcatel51: 1 instance(s) received.

Configuration: alcatel51



OmniVista 4760 - NEXTIRAONE:389 - AdminNmc

File Applications Security Preferences Configuration Windows Help

Configuration: alcatel51

Networks PCX

- alcatel51
  - Shelf
  - Media Gateway
  - PWT/DECT System
  - System
  - Translator
  - Classes of Service
  - Attendant
  - Users
  - Users by profile
  - Set Profile
  - Groups
  - Speed Dialing
  - Phone Book
  - Entities
  - Trunk Groups
    - 0 T2 PRI-ABCF 1 No No -1 Yes No
    - 1 T2 PRI-ABCF 1 No No -1 Yes No
    - 3 LIA E M 2W 1 No No -1 Yes
    - 4 T2 PRI-ABCF 1 No No -1 Yes No
      - Trunk Group
        - 1 T2 NO NO
          - T2/T1/T0 Access
          - Trunk
          - Virtual access for SIP
        - Trunk group NPD selector
      - 5 NDDI (BCA) NDDI 1 No No -1 No
      - 6 NDDI (BCA) NDDI 1 No No -1 Yes
      - 7 T0 BRLOSIG 1 No No -1 Yes No

Configuration

alcatel51:4	
Instance (reserved)	1
Automated Attendant	NO
Calling party Rights COS	0
Entity Number	1
TS Overflow	YES
Number To Be Added	
Supervised by Routing	NO
VPN Cost Limit for Incom.Calls	0
Immediate Trk Listening if VPNC	YES
VPN TS %	50
CSTA-Monitored	NO
Max.% of trunks out CCD	0
Charge Calling And ADN Creatio	NO
Ratio analog.to ISDN cost	
Logical Channel	1__15 & 17__31
TS Distribution on Accesses	YES
...	...

All Action

[1:42:21 PM] > Request 8 sent to alcatel51.  
[1:42:21 PM] > Request 8 completed on alcatel51: 1 instance(s) received.

Configuration: alcatel51



OmniVista 4760 - NEXTIRAONE:389 - AdminNmc

File Applications Security Preferences Configuration Windows Help

Configuration: alcatel51

Networks PCX

- alcatel51
  - Shelf
  - Media Gateway
  - PWT/DECT System
  - System
  - Translator
  - Classes of Service
  - Attendant
  - Users
  - Users by profile
  - Set Profile
  - Groups
  - Speed Dialing
  - Phone Book
  - Entities
  - Trunk Groups
    - 0 T2 PRI-ABCF 1 No No -1 Yes No
    - 1 T2 PRI-ABCF 1 No No -1 Yes No
    - 3 LIA E M 2W 1 No No -1 Yes
    - 4 T2 PRI-ABCF 1 No No -1 Yes No
      - Trunk Group
        - 1 T2 NO NO
          - T2/T1/T0 Access
          - Trunk
          - Virtual access for SIP
      - Trunk group NPD selector
    - 5 NDDI (BCA) NDDI 1 No No -1 No
    - 6 NDDI (BCA) NDDI 1 No No -1 Yes
    - 7 T0 BRLOSIG 1 No No -1 Yes No

Configuration

alcatel51:4

Instance (reserved)	1
Change existing instance group	NO
Ratio analog to ISDN cost	
Logical Channel	1__15 & 17__31
TS Distribution on Accesses	YES
Use Split Access	NO
Heterogeneous Remote Network	NO
COS Restrictions - Barring mode	Not Restricted / Not barred
ARS Class of service	31
Quality profile for voice over IP	Profile #1
IP Compression Type	Default
Use of volume in system	YES
External Access Server	NO
CSTA Tracking MCDU Trk	
Announcement for dial tone	NO
Announcement for Ring tone	NO
Private to Public Overflow	YES

All Action

[1:42:21 PM] > Request 8 sent to alcatel51.  
[1:42:21 PM] > Request 8 completed on alcatel51: 1 instance(s) received.

Configuration: alcatel51



OmniVista 4760 - NEXTIROONE:389 - AdminNmc

File Applications Security Preferences Configuration Windows Help

### Configuration: alcatel51

**Networks PCX**

- alcatel51
  - Shelf
  - Media Gateway
  - PWT/DECT System
  - System
  - Translator
  - Classes of Service
  - Attendant
  - Users
  - Users by profile
  - Set Profile
  - Groups
  - Speed Dialing
  - Phone Book
  - Entities
  - Trunk Groups
    - 0 T2 PRI-ABCF 1 No No -1 Yes No
    - 1 T2 PRI-ABCF 1 No No -1 Yes No
    - 3 LIA E M 2W 1 No No -1 Yes
    - 4 T2 PRI-ABCF 1 No No -1 Yes No
      - Trunk Group
        - 1 T2 NO NO
          - T2/T1/T0 Access
            - 0-9-0 T2-1 0111111**
          - Trunk
          - Virtual access for SIP
        - Trunk group NPD selector
      - 5 NDDI (BCA) NDDI 1 No No -1 No
      - 6 NDDI (BCA) NDDI 1 No No -1 Yes

### Configuration

**alcatel51:4:1**

Physical Address	0-9-0
Access Type	T2
Access Cluster ID	-1
Time Slots T2	011111111111111111111011111111

All Action

```
[1:43:33 PM] > Request 9 sent to alcatel51.  
[1:43:33 PM] > Request 9 completed on alcatel51: 1 instance(s) received.
```

Configuration: alcatel51



## Configure PSTN Trunk Group

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File Applications Security Preferences Configuration Windows Help

Configuration: alcatel51

Networks PCX

- FW/DECT System
- System
- Translator
- Classes of Service
- Attendant
- Users
- Users by profile
- Set Profile
- Groups
- Speed Dialing
- Phone Book
- Entities
- Trunk Groups
  - 0 T2 PRI-ABCF 1 No No -1
  - 1 T2 PRI-ABCF 1 No No -1
  - 3 LIA E M 2W 1 No No -1 Ye
  - 4 T2 PRI-ABCF 1 No No -1
  - 5 NDDI (BCA) NDDI 1 No N
  - 6 NDDI (BCA) NDDI 1 No N
  - 7 T0 BRI-QSIG 1 No No -1
  - 8 T0 BRI-ABCF 1 No No -1
  - 9 T0 BRI-ISDN 1 No No -1
  - 10 LIA E M 4W 1 No No -1 Y
  - 11 LIA pcm2 1 No No -1 No
- External Services
- Inter-Node Links

Configuration

alcatel51	
Trunk Group ID	0
Trunk Group Type	T2
Trunk Group Name	PRI-ABCF
Node number	1
Transcom Trunk Group	<input type="checkbox"/>
Auto.reserv.by Attendant	<input type="checkbox"/>
Overflow trunk group No.	-1
Tone on seizure	<input checked="" type="checkbox"/>
Private Trunk Group	<input type="checkbox"/>
Q931 Signal variant	ISDN all countries
SS7 Signal variant	No variant
Number Compatible With	-1
Number Of Digits To Send	10
Channel selection type	Quantified

All

1



OmniVista 4760 - COMPIDEA:389 - AdminNmc

File Applications Security Preferences Configuration Windows Help

Configuration: alcatel51

Networks PCX

- FWTIDECT System
- System
- Translator
- Classes of Service
- Attendant
- Users
- Users by profile
- Set Profile
- Groups
- Speed Dialing
- Phone Book
- Entities
- Trunk Groups
  - 0 T2 PRI-ABCF 1 No No -1
  - 1 T2 PRI-ABCF 1 No No -1
  - 3 LIA E M 2W 1 No No -1 Y
  - 4 T2 PRI-ABCF 1 No No -1
  - 5 NDDI (BCA) NDDI 1 No N
  - 6 NDDI (BCA) NDDI 1 No N
  - 7 T0 BRI-QSIG 1 No No -1
  - 8 T0 BRI-ABCF 1 No No -1
  - 9 T0 BRI-ISDN 1 No No -1
  - 10 LIA E M 4W 1 No No -1 Y
  - 11 LIA pcm2 1 No No -1 No
- External Services
- Inter-Node Links

Configuration

alcatel51	
Trunk Group ID	0
Remote Network	3
Shared Trunk Group	<input type="checkbox"/>
Auto.DTMF dialing on outgoing	NO
T2 Specification	None
Public Network COS	0
DID transcoding	<input type="checkbox"/>
Special Services	Nothing
Can support UUS in SETUP	<input checked="" type="checkbox"/>
Implicit Priority	
Activation mode	0
Priority Level	0
Preempter	NO
Incoming calls Restriction COS	10

All

Range : 0,1,3

1





OmniVista 4760 - COMPIDEA:389 - AdminNmc

File Applications Security Preferences Configuration Windows Help

Configuration: alcatel51

Networks PCX

- PWT/DECT System
- System
- Translator
- Classes of Service
- Attendant
- Users
- Users by profile
- Set Profile
- Groups
- Speed Dialing
- Phone Book
- Entities
- Trunk Groups
  - 0 T2 PRI-ABCF 1 No No -1
  - 1 T2 PRI-ABCF 1 No No -1
  - 3 LIA E M 2W 1 No No -1 Ye
  - 4 T2 PRI-ABCF 1 No No -1
  - 5 NDDI (BCA) NDDI 1 No M
  - 6 NDDI (BCA) NDDI 1 No M
  - 7 T0 BRI-QSIG 1 No No -1
  - 8 T0 BRI-ABCF 1 No No -1
  - 9 T0 BRI-ISDN 1 No No -1
  - 10 LIA E M 4W 1 No No -1 Y
  - 11 LIA pcm2 1 No No -1 No
- External Services
- Inter-Node Links

Configuration

alcatel51	
Trunk Group ID	0
Auto.DTMF dialing on outgoing	NO
T2 Specification	None
Public Network COS	0
DID transcoding	<input type="checkbox"/>
Special Services	Nothing
Can support UUS in SETUP	<input checked="" type="checkbox"/>
Implicit Priority	
Activation mode	0
Priority Level	0
Preempter	NO
Incoming calls Restriction COS	10 NO,YES
Outgoing calls Restriction COS	10
Callee number mpt1343	NO

All

1



OmniVista 4760 - COMPIDEA:389 - AdminNmc

File Applications Security Preferences Configuration Windows Help

Configuration: alcatel51

Networks PCX

- FWT/DECT System
- System
- Translator
- Classes of Service
- Attendant
- Users
- Users by profile
- Set Profile
- Groups
- Speed Dialing
- Phone Book
- Entities
- Trunk Groups
  - 0 T2 PRI-ABCF 1 No No -1
    - Trunk Group
      - 1 T2 NO NO
        - T2/T1/T0 Access
        - Trunk
        - Virtual access fo
      - Trunk group NPD sele
    - 1 T2 PRI-ABCF 1 No No -1
    - 3 LIA E M 2W 1 No No -1 Ye
    - 4 T2 PRI-ABCF 1 No No -1
    - 5 NDDI (BCA) NDDI 1 No N
    - 6 NDDI (BCA) NDDI 1 No N
    - 7 T0 BRI-QSIG 1 No No -1

Configuration

alcatel51:0

Instance (reserved)	1
Trunk Group Type	T2
Public Network Ref.	
End-to-end dialing	NO
DTMF end-to-end signal.	NO
Trunk group used in DISA	NO
DISA Secret Code	
VG for non-existent No.	YES
Routing To Manager	NO
Trunk COS ID	19
No. of digits unused (ISDN)	0
B Channel Choice	YES
Channels: Attendant Control (F	0
Redirection For ACD (Dissuas	NO

All Action

1



OmniVista 4760 - COMPIDEA:389 - AdminNmc

File Applications Security Preferences Configuration Windows Help

Configuration: alcatel51

Networks PCX

- FWTIDECT System
- System
- Translator
- Classes of Service
- Attendant
- Users
- Users by profile
- Set Profile
- Groups
- Speed Dialing
- Phone Book
- Entities
- Trunk Groups
  - 0 T2 PRI-ABCF 1 No No -1
    - Trunk Group
      - 1 T2 NO NO
        - T2/T1/T0 Access
        - Trunk
        - Virtual access fo
      - Trunk group NPD selec
    - 1 T2 PRI-ABCF 1 No No -1
    - 3 LIA E M 2W 1 No No -1 Ye
    - 4 T2 PRI-ABCF 1 No No -1
    - 5 NDDI (BCA) NDDI 1 No N
    - 6 NDDI (BCA) NDDI 1 No N
    - 7 T0 BRI-QSIG 1 No No -1

Configuration

alcatel51:0	
Instance (reserved)	1
DTO joining	NO
Consultation Call On B Chann	NO
Automated Attendant	NO
Calling party Rights COS	0
Entity Number	1
TS Overflow	YES
Number To Be Added	
Supervised by Routing	NO
VPN Cost Limit for Incom.Calls	0
Immediate Trk Listening if VPN	YES
VPN TS %	50
CSTA-Monitored	NO
Max.% of trunks out CCD	0

All Action

1



OmniVista 4760 - COMPIDEA:389 - AdminNmc

File Applications Security Preferences Configuration Windows Help

Configuration: alcatel51

Networks PCX

- FWT/DECT System
- System
- Translator
- Classes of Service
- Attendant
- Users
- Users by profile
- Set Profile
- Groups
- Speed Dialing
- Phone Book
- Entities
- Trunk Groups
  - 0 T2 PRI-ABCF 1 No No -1
    - Trunk Group
      - 1 T2 NO NO
        - T2/T1/T0 Access
        - Trunk
        - Virtual access fo
      - Trunk group NPD selec
    - 1 T2 PRI-ABCF 1 No No -1
    - 3 LIA E M 2W 1 No No -1 Ye
    - 4 T2 PRI-ABCF 1 No No -1
    - 5 NDDI (BCA) NDDI 1 No N
    - 6 NDDI (BCA) NDDI 1 No N
    - 7 T0 BRI-QSIG 1 No No -1

Configuration

alcatel51:0	
Instance (reserved)	1
DTO joining	NO
Consultation Call On B Chann	NO
Automated Attendant	NO
Calling party Rights COS	0
Entity Number	1
TS Overflow	YES
Number To Be Added	
Supervised by Routing	NO
VPN Cost Limit for Incom.Calls	0
Immediate Trk Listening if VPN	YES
VPN TS %	50
CSTA-Monitored	NO
Max.% of trunks out CCD	0

All Action

1



OmniVista 4760 - COMPIDEA:389 - AdminNmc

File Applications Security Preferences Configuration Windows Help

Configuration: alcatel51

Networks PCX

- FWTIDECT System
  - System
  - Translator
  - Classes of Service
  - Attendant
  - Users
  - Users by profile
  - Set Profile
  - Groups
  - Speed Dialing
  - Phone Book
  - Entities
  - Trunk Groups
    - 0 T2 PRI-ABCF 1 No No -1
      - Trunk Group
        - 1 T2 NO NO
          - T2/T1/T0 Access
          - Trunk
          - Virtual access fo
        - Trunk group NPD sele
      - 1 T2 PRI-ABCF 1 No No -1
      - 3 LIA E M 2W 1 No No -1 Ye
      - 4 T2 PRI-ABCF 1 No No -1
      - 5 NDDI (BCA) NDDI 1 No N
      - 6 NDDI (BCA) NDDI 1 No N
      - 7 T0 BRI-QSIG 1 No No -1

Configuration

alcatel51:0	
Instance (reserved)	1
Charge Calling And ADN Creat	NO
Ratio analog.to ISDN cost	
Logical Channel	1__15 & 17__31
TS Distribution on Accesses	YES
Use Split Access	NO
Heterogeneous Remote Netw	NO
COS Restrictions - Barring mo	Not Restricted / Not barred
ARS Class of service	31
Quality profile for voice over IP	Profile #1
IP Compression Type	Default
Use of volume in system	YES
External Access Server	NO
CSTA Tracking MCDU Trk	

All Action

Default,G 711

1



OmniVista 4760 - COMPIDEA:389 - AdminNmc

File Applications Security Preferences Configuration Windows Help

Configuration: alcatel51

Networks PCX

- FW/DECT System
- System
- Translator
- Classes of Service
- Attendant
- Users
- Users by profile
- Set Profile
- Groups
- Speed Dialing
- Phone Book
- Entities
- Trunk Groups
  - 0 T2 PRI-ABCF 1 No No -1 Y
    - Trunk Group
      - 1 T2 NO NO
        - T2/T1/T0 Access
          - 0-3-0 T2 -1 01
        - Trunk
        - Virtual access for
      - Trunk group NPD selecto
    - 1 T2 PRI-ABCF 1 No No -1 Y
    - 3 LIA E M 2W 1 No No -1 Yes
    - 4 T2 PRI-ABCF 1 No No -1 Y
    - 5 NDDI (BCA) NDDI 1 No No
    - 6 NDDI (BCA) NDDI 1 No No

Configuration

alcatel51:0:1

Physical Address	0-3-0
Access Type	T2
Access Cluster ID	-1
Time Slots T2	011111111111111111110111111111

All Action

1



## Configure Network Routing

The screenshot displays the Cisco Configuration Manager interface for configuring network routing on an Alcatel 51 device. The window title is "OmniVista 4760 - NEXTIRAONE:389 - AdminNmc". The main menu includes "File", "Applications", "Security", "Preferences", "Configuration", "Windows", and "Help".

The interface is divided into two main panes:

- Left Pane (Networks):** Shows a tree view under "PCX" for "alcatel51". The "Network Routing Table" is expanded, listing various entries. Entry "2 1 QSIG-GF 11 0-1 -1" is selected and highlighted in blue.
- Right Pane (Configuration):** Shows the configuration details for "alcatel51:1". It contains a table with the following data:

alcatel51:1	
Network Number	2
Rank of First Digit to be Sent	1
Incoming identification prefix	
Protocol Type	QSIG-GF
Dialing Plan Descriptor ID	11
ARS Route list	0
Schedule number	-1
ATM Address ID	-1
Network call prefix	
City/Town Name	
Send City/Town Name	<input type="checkbox"/>
Associated Ext SIP gateway	-1

At the bottom of the interface, a command line shows the following messages:

```
[1:48:19 PM] > Request 16 sent to alcatel51.  
[1:48:19 PM] > Request 16 completed on alcatel51: 16 instance(s) received.
```



### Configure Network Routing Own Node

The screenshot shows the Cisco Configuration Manager interface for configuring a node named 'alcatel51'. The left pane displays a tree view of configuration objects under 'PCX', with '3100 Local Features' selected. The right pane shows the configuration details for 'alcatel51:1' in a table format.

alcatel51:1	
Number	3100
Prefix Meaning	Local Features
Local Features	PCX address in DPNSS

At the bottom of the window, a command console shows the following messages:

```
[1:46:31 PM] > Request 15 sent to alcatel51.  
[1:46:32 PM] > Request 15 completed on alcatel51: 94 instance(s) received.
```





## Configure Routing Prefix

The screenshot displays the Cisco Configuration Manager interface for configuring a routing prefix on an Alcatel 51 device. The window title is "OmniVista 4760 - NEXTIADONE:389 - AdminNmc". The main menu includes "File", "Applications", "Security", "Preferences", "Configuration", "Windows", and "Help".

The "Configuration: alcatel51" window is open, showing a tree view on the left with "PCX" selected. The tree view includes various feature sets and routing numbers, with "4 Routing No. 2 4 4" highlighted. The right pane shows the configuration for "alcatel51:1" as a table:

alcatel51:1	
Number	4
Prefix Meaning	Routing No.
Network Number	2
Node Number/ABC-F Trunk Gro	4
Number of Digits	4
Number With Subaddress (ISDN)	NO
Default X25 ID.pref.	NO

At the bottom of the window, a command line shows the following messages:

```
[1:46:31 PM] > Request 15 sent to alcatel51.  
[1:46:32 PM] > Request 15 completed on alcatel51: 94 instance(s) received.
```



## Configure Digital Station

Configuration: alcatel51

Networks PCX

- alcatel51
  - Shelf
  - Media Gateway
  - PWT/DECT System
  - System
  - Translator
  - Classes of Service
  - Attendant
  - Users
    - 3001 Jack Doe 1 0 2 1 4035T 1
    - 3002 Jill Doe 1 0 2 2 4035T 1
    - 3003 Female Doe 1 0 2 3 4035T 1
    - 3004 Big Doe 1 0 2 4 4035T 1
    - 3005 Little Doe 1 0 2 5 4035T 1
    - 3006 Doe Doe 1 0 2 6 4035T 1
    - 3010 alcatel ipphone1 1 255 255 255
    - 3032 Mummy Doe 1 0 7 0 ANALOG 1
    - 3033 Daddy Doe 1 0 7 1 ANALOG 1
    - 3034 Brother Doe 1 0 7 2 ANALOG 1
    - 3035 Sister Doe 1 0 7 3 ANALOG 1
  - Users by profile
  - Set Profile
  - Groups
  - Speed Dialing
  - Phone Book
  - Entities
  - Trunk Groups
  - External Services
  - Inter-Node Links

Configuration

alcatel51	
Directory Number	3004
Directory name	Big Doe
Directory First Name	
Location Node	1
Shelf Address	0
Board Address	2
Equipment Address	4
Set Type	4035T
Entity Number	1
Set Function	Default
Profile Name	
Key Profiles	None
Domain Identifier	0
Add On Module 1	None
Add On Module 2	None

General Characteristics PIN Assoc.Sets Rights Profile  
VoiceMail Facilities Set Characteristics Hotel  
SIP\_Attributes Miscellaneous All Action

[1:50:23 PM] > Request 17 sent to alcatel51.  
[1:50:24 PM] > Request 17 completed on alcatel51: 11 instance(s) received.

Configuration: alcatel51



OmniVista 4760 - NEXTIRAONE:389 - AdminNmc

File Applications Security Preferences Configuration Windows Help

Configuration: alcatel51

Networks PCX

- alcatel51
  - Shelf
  - Media Gateway
  - PWT/DECT System
  - System
  - Translator
  - Classes of Service
  - Attendant
  - Users
    - 3001 Jack Doe 1 0 2 1 4035T 1
    - 3002 Jill Doe 1 0 2 2 4035T 1
    - 3003 Female Doe 1 0 2 3 4035T 1
    - 3004 Big Doe 1 0 2 4 4035T 1**
    - 3005 Little Doe 1 0 2 5 4035T 1
    - 3006 Doe Doe 1 0 2 6 4035T 1
    - 3010 alcatel ipphone1 1 255 255 255
    - 3032 Mummy Doe 1 0 7 0 ANALOG 1
    - 3033 Daddy Doe 1 0 7 1 ANALOG 1
    - 3034 Brother Doe 1 0 7 2 ANALOG 1
    - 3035 Sister Doe 1 0 7 3 ANALOG 1
  - Users by profile
  - Set Profile
  - Groups
  - Speed Dialing
  - Phone Book
  - Entities
  - Trunk Groups
  - External Services
  - Inter-Node Links

Configuration

alcatel51	
Directory Number	3004
Add On Module 3	None
External Alphanumeric Keyboard	None
Internal Alphanum.Keyboard	English
V24 Extension	<input type="checkbox"/>
S0 Extension	<input type="checkbox"/>
MAC/PC	NO
Z Adaptor	<input type="checkbox"/>
Language ID	1
Secret Code	****
Associated Set No.	3004
Cost Center ID	255
Cost Center Name	
Charging COS	Justified
Public Network COS	?

General Characteristics PIN Assoc.Sets Rights Profile  
VoiceMail Facilities Set Characteristics Hotel  
SIP\_Attributes Miscellaneous All Action

[1:50:23 PM] > Request 17 sent to alcatel51.  
[1:50:24 PM] > Request 17 completed on alcatel51: 11 instance(s) received.

Configuration: alcatel51



OmniVista 4760 - NEXTIRAONE:389 - AdminNmc

File Applications Security Preferences Configuration Windows Help

Configuration: alcatel51

Networks PCX

- alcatel51
  - Shelf
  - Media Gateway
  - PWT/DECT System
  - System
  - Translator
  - Classes of Service
  - Attendant
  - Users
    - 3001 Jack Doe 1 0 2 1 4035T 1
    - 3002 Jill Doe 1 0 2 2 4035T 1
    - 3003 Female Doe 1 0 2 3 4035T 1
    - 3004 Big Doe 1 0 2 4 4035T 1**
    - 3005 Little Doe 1 0 2 5 4035T 1
    - 3006 Doe Doe 1 0 2 6 4035T 1
    - 3010 alcatel ipphone1 1 255 255 255
    - 3032 Mummy Doe 1 0 7 0 ANALOG 1
    - 3033 Daddy Doe 1 0 7 1 ANALOG 1
    - 3034 Brother Doe 1 0 7 2 ANALOG 1
    - 3035 Sister Doe 1 0 7 3 ANALOG 1
  - Users by profile
  - Set Profile
  - Groups
  - Speed Dialing
  - Phone Book
  - Entities
  - Trunk Groups
  - External Services
  - Inter-Node Links

Configuration

alcatel51	
Directory Number	3004
Public Network COS	2
External Forwarding COS	255
Tel. Features COS ID	0
Connection COS ID	0
Hunt Group Dir No.	
ACD Group Directory No.	
Pickup Group Name	
Reserved Time Slot	<input type="checkbox"/>
Voice Mail Dir.No.	
Voice Mail Type	No Voice Mail
Paging Trunk Group	255
Paging Beeper	
Called Associated DECT set	
Tele-Marketing Agent	<input type="checkbox"/>

General Characteristics PIN Assoc.Sets Rights Profile  
VoiceMail Facilities Set Characteristics Hotel  
SIP\_Attributes Miscellaneous All Action

[1:50:23 PM] > Request 17 sent to alcatel51.  
[1:50:24 PM] > Request 17 completed on alcatel51: 11 instance(s) received.

Configuration: alcatel51



OmniVista 4760 - NEXTIRAONE:389 - AdminNmc

File Applications Security Preferences Configuration Windows Help

Configuration: alcatel51

Networks PCX

- alcatel51
  - Shelf
  - Media Gateway
  - PWT/DECT System
  - System
  - Translator
  - Classes of Service
  - Attendant
  - Users
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    - 3002 Jill Doe 1 0 2 2 4035T 1
    - 3003 Female Doe 1 0 2 3 4035T 1
    - 3004 Big Doe 1 0 2 4 4035T 1**
    - 3005 Little Doe 1 0 2 5 4035T 1
    - 3006 Doe Doe 1 0 2 6 4035T 1
    - 3010 alcatel ipphone1 1 255 255 255
    - 3032 Mummy Doe 1 0 7 0 ANALOG 1
    - 3033 Daddy Doe 1 0 7 1 ANALOG 1
    - 3034 Brother Doe 1 0 7 2 ANALOG 1
    - 3035 Sister Doe 1 0 7 3 ANALOG 1
  - Users by profile
  - Set Profile
  - Groups
  - Speed Dialing
  - Phone Book
  - Entities
  - Trunk Groups
  - External Services
  - Inter-Node Links

Configuration

alcatel51	
Directory Number	3004
Tele-Marketing Agent	<input type="checkbox"/>
ISDN User	
External	<input checked="" type="checkbox"/>
Internal	<input checked="" type="checkbox"/>
Display ext. calling number	<input checked="" type="checkbox"/>
ISDN Teleservice	Phone
Hotel-Set Operation	Administrative
Use Type Of Dir. No.	Normal
Number Of Set Users	1
Dial by name and text msg.	NO
Multi-line station	NO
Multi-Line Properties	
Automatic Incoming Seizure	<input type="checkbox"/>
Automatic Outgoing Seizure	<input type="checkbox"/>

General Characteristics PIN Assoc.Sets Rights Profile  
VoiceMail Facilities Set Characteristics Hotel  
SIP\_Attributes Miscellaneous All Action

[1:50:23 PM] > Request 17 sent to alcatel51.  
[1:50:24 PM] > Request 17 completed on alcatel51: 11 instance(s) received.

Configuration: alcatel51



OmniVista 4760 - NEXTIRAONE:389 - AdminNmc

File Applications Security Preferences Configuration Windows Help

Configuration: alcatel51

Networks PCX

- alcatel51
  - Shelf
  - Media Gateway
  - PWT/DECT System
  - System
  - Translator
  - Classes of Service
  - Attendant
  - Users
    - 3001 Jack Doe 1 0 2 1 4035T 1
    - 3002 Jill Doe 1 0 2 2 4035T 1
    - 3003 Female Doe 1 0 2 3 4035T 1
    - 3004 Big Doe 1 0 2 4 4035T 1**
    - 3005 Little Doe 1 0 2 5 4035T 1
    - 3006 Doe Doe 1 0 2 6 4035T 1
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    - 3033 Daddy Doe 1 0 7 1 ANALOG 1
    - 3034 Brother Doe 1 0 7 2 ANALOG 1
    - 3035 Sister Doe 1 0 7 3 ANALOG 1
  - Users by profile
  - Set Profile
  - Groups
  - Speed Dialing
  - Phone Book
  - Entities
  - Trunk Groups
  - External Services
  - Inter-Node Links

Configuration

alcatel51	
Directory Number	3004
Automatic Outgoing Seizure	<input type="checkbox"/>
Selective Filtering	<input type="checkbox"/>
Overflow on no answer	<input type="checkbox"/>
Overflow on busy	<input type="checkbox"/>
Supervision at off-hook	<input type="checkbox"/>
Automatic Outgoing Seizure fo	<input type="checkbox"/>
Dialed number masked	NO
Access Code to UUS messages	NO
Routing Table	0
Associated Videophone	<input type="checkbox"/>
VIP (Very Important Pers.)	<input type="checkbox"/>
Assistant Directory Number	3004
Calls Priority	0
PCBT Associated	NO

General Characteristics PIN Assoc.Sets Rights Profile  
VoiceMail Facilities Set Characteristics Hotel  
SIP\_Attributes Miscellaneous All Action

[1:50:23 PM] > Request 17 sent to alcatel51.  
[1:50:24 PM] > Request 17 completed on alcatel51: 11 instance(s) received.

Configuration: alcatel51



OmniVista 4760 - NEXTIRAONE:389 - AdminNmc

File Applications Security Preferences Configuration Windows Help

Configuration: alcatel51

Networks PCX

- alcatel51
  - Shelf
  - Media Gateway
  - PWT/DECT System
  - System
  - Translator
  - Classes of Service
  - Attendant
  - Users
    - 3001 Jack Doe 1 0 2 1 4035T 1
    - 3002 Jill Doe 1 0 2 2 4035T 1
    - 3003 Female Doe 1 0 2 3 4035T 1
    - 3004 Big Doe 1 0 2 4 4035T 1**
    - 3005 Little Doe 1 0 2 5 4035T 1
    - 3006 Doe Doe 1 0 2 6 4035T 1
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    - 3032 Mummy Doe 1 0 7 0 ANALOG 1
    - 3033 Daddy Doe 1 0 7 1 ANALOG 1
    - 3034 Brother Doe 1 0 7 2 ANALOG 1
    - 3035 Sister Doe 1 0 7 3 ANALOG 1
  - Users by profile
  - Set Profile
  - Groups
  - Speed Dialing
  - Phone Book
  - Entities
  - Trunk Groups
  - External Services
  - Inter-Node Links

Configuration

alcatel51	
Directory Number	3004
PCBT Associated	NO
Urgent Call	NO
PIN (Personal Ident.No.)	
PIN No.	
PIN With Secret Code	<input checked="" type="checkbox"/>
Type of control	By COS
PIN group number	1
Can be Called/Dialed By Name	YES
Phone book Name (Dial by name)	Big Doe
Phone book First Name	
Displayed Name	Big Doe
Remote UA	<input type="checkbox"/>
Errors on Secret Code Counter	0
ACD station	NO

General Characteristics PIN Assoc.Sets Rights Profile  
VoiceMail Facilities Set Characteristics Hotel  
SIP\_Attributes Miscellaneous All Action

[1:50:23 PM] > Request 17 sent to alcatel51.  
[1:50:24 PM] > Request 17 completed on alcatel51: 11 instance(s) received.

Configuration: alcatel51





OmniVista 4760 - NEXTIRAONE:389 - AdminNmc

File Applications Security Preferences Configuration Windows Help

Configuration: alcatel51

Networks PCX

- alcatel51
  - Shelf
  - Media Gateway
  - PWT/DECT System
  - System
  - Translator
  - Classes of Service
  - Attendant
  - Users
    - 3001 Jack Doe 1 0 2 1 4035T 1
    - 3002 Jill Doe 1 0 2 2 4035T 1
    - 3003 Female Doe 1 0 2 3 4035T 1
    - 3004 Big Doe 1 0 2 4 4035T 1**
    - 3005 Little Doe 1 0 2 5 4035T 1
    - 3006 Doe Doe 1 0 2 6 4035T 1
    - 3010 alcatel iphone1 1 255 255 255
    - 3032 Mummy Doe 1 0 7 0 ANALOG 1
    - 3033 Daddy Doe 1 0 7 1 ANALOG 1
    - 3034 Brother Doe 1 0 7 2 ANALOG 1
    - 3035 Sister Doe 1 0 7 3 ANALOG 1
  - Users by profile
  - Set Profile
  - Groups
  - Speed Dialing
  - Phone Book
  - Entities
  - Trunk Groups
  - External Services
  - Inter-Node Links

Configuration

alcatel51	
Directory Number	3004
ACD station	NO
NS Right (Notification server)	NO
Incidents Teleservice	NO
CSTA routing	<input type="checkbox"/>
Voice Guide listening Class	7
Caller COS	4
VSI Transparency	<input type="checkbox"/>
Type of Keyboard	Default keyboard
Errors on Business Code Count	0
STAP	Off-hook
Tandem	
Tandem Directory Number	
Main set in the tandem	<input type="checkbox"/>

General Characteristics PIN Assoc.Sets Rights Profile  
VoiceMail Facilities Set Characteristics Hotel  
SIP\_Attributes Miscellaneous All Action

[1:50:23 PM] > Request 17 sent to alcatel51.  
[1:50:24 PM] > Request 17 completed on alcatel51: 11 instance(s) received.

Configuration: alcatel51





OmniVista 4760 - NEXTIRAONE:389 - AdminNmc

File Applications Security Preferences Configuration Windows Help

Configuration: alcatel51

Networks PCX

- alcatel51
  - Shelf
  - Media Gateway
  - PWT/DECT System
  - System
  - Translator
  - Classes of Service
  - Attendant
  - Users
    - 3001 Jack Doe 1 0 2 1 4035T 1
    - 3002 Jill Doe 1 0 2 2 4035T 1
    - 3003 Female Doe 1 0 2 3 4035T 1
    - 3004 Big Doe 1 0 2 4 4035T 1**
    - 3005 Little Doe 1 0 2 5 4035T 1
    - 3006 Doe Doe 1 0 2 6 4035T 1
    - 3010 alcatel ipphone1 1 255 255 255
    - 3032 Mummy Doe 1 0 7 0 ANALOG 1
    - 3033 Daddy Doe 1 0 7 1 ANALOG 1
    - 3034 Brother Doe 1 0 7 2 ANALOG 1
    - 3035 Sister Doe 1 0 7 3 ANALOG 1
  - Users by profile
  - Set Profile
  - Groups
  - Speed Dialing
  - Phone Book
  - Entities
  - Trunk Groups
  - External Services
  - Inter-Node Links

Configuration

alcatel51	
Directory Number	3004
Partial busy	<input type="checkbox"/>
Ringing in partial busy	Long Ring
Specific supervision	<input type="checkbox"/>
Use Personal Calling Number	<input type="checkbox"/>
UA 3G features	
Emulation	UA 3G
4035 Features	
Navigator	UA 3G
Group PIN control	No group
CCA Operations	<input type="checkbox"/>
A4980	No 4980
Z IVR	<input type="checkbox"/>
NOMADIC	<input type="checkbox"/>
TAPI Premium Server	NO

General Characteristics PIN Assoc.Sets Rights Profile  
VoiceMail Facilities Set Characteristics Hotel  
SIP\_Attributes Miscellaneous All Action

[1:50:23 PM] > Request 17 sent to alcatel51.  
[1:50:24 PM] > Request 17 completed on alcatel51: 11 instance(s) received.

Configuration: alcatel51



OmniVista 4760 - NEXTIRAONE:389 - AdminNmc

File Applications Security Preferences Configuration Windows Help

Configuration: alcatel51

Networks PCX

- alcatel51
  - Shelf
  - Media Gateway
  - PWT/DECT System
  - System
  - Translator
  - Classes of Service
  - Attendant
  - Users
    - 3001 Jack Doe 1 0 2 1 4035T 1
    - 3002 Jill Doe 1 0 2 2 4035T 1
    - 3003 Female Doe 1 0 2 3 4035T 1
    - 3004 Big Doe 1 0 2 4 4035T 1**
    - 3005 Little Doe 1 0 2 5 4035T 1
    - 3006 Doe Doe 1 0 2 6 4035T 1
    - 3010 alcatel ipphone1 1 255 255 255
    - 3032 Mummy Doe 1 0 7 0 ANALOG 1
    - 3033 Daddy Doe 1 0 7 1 ANALOG 1
    - 3034 Brother Doe 1 0 7 2 ANALOG 1
    - 3035 Sister Doe 1 0 7 3 ANALOG 1
  - Users by profile
  - Set Profile
  - Groups
  - Speed Dialing
  - Phone Book
  - Entities
  - Trunk Groups
  - External Services
  - Inter-Node Links

Configuration

alcatel51	
Directory Number	3004
TAPI Premium Server	NO
Conference group	-1
Announcement group	-1
Call Restriction COS	0
Applicable Restriction COS	0
Implicit Priority	
Activation mode	0
Priority Level	0
Explicit Priority	
Activation mode	0
Priority Level	0
Pre-emptable Primary Inc. Line	NO
Pre-emptable Secondary Inc. Line	NO
Priority Presentation	NO

General Characteristics PIN Assoc.Sets Rights Profile  
VoiceMail Facilities Set Characteristics Hotel  
SIP\_Attributes Miscellaneous All Action

[1:50:23 PM] > Request 17 sent to alcatel51.  
[1:50:24 PM] > Request 17 completed on alcatel51: 11 instance(s) received.

Configuration: alcatel51



OmniVista 4760 - NEXTIRAONE:389 - AdminNmc

File Applications Security Preferences Configuration Windows Help

Configuration: alcatel51

Networks PCX

- alcatel51
  - Shelf
  - Media Gateway
  - PWT/DECT System
  - System
  - Translator
  - Classes of Service
  - Attendant
  - Users
    - 3001 Jack Doe 1 0 2 1 4035T 1
    - 3002 Jill Doe 1 0 2 2 4035T 1
    - 3003 Female Doe 1 0 2 3 4035T 1
    - 3004 Big Doe 1 0 2 4 4035T 1**
    - 3005 Little Doe 1 0 2 5 4035T 1
    - 3006 Doe Doe 1 0 2 6 4035T 1
    - 3010 alcatel ipphone1 1 255 255 255
    - 3032 Mummy Doe 1 0 7 0 ANALOG 1
    - 3033 Daddy Doe 1 0 7 1 ANALOG 1
    - 3034 Brother Doe 1 0 7 2 ANALOG 1
    - 3035 Sister Doe 1 0 7 3 ANALOG 1
  - Users by profile
  - Set Profile
  - Groups
  - Speed Dialing
  - Phone Book
  - Entities
  - Trunk Groups
  - External Services
  - Inter-Node Links

Configuration

alcatel51	
Directory Number	3004
Explicit Priority	
Activation mode	0
Priority Level	0
Pre-emptable Primary Inc. Line	NO
Pre-emptable Secondary Inc. Line	NO
Priority Presentation	NO
lth Service type	Not Valid
CUG List Number	-1
Preferential CUG	-1
CUG Outgoing Access	<input type="checkbox"/>
CUG Incoming Access	<input type="checkbox"/>
Automatic reconfiguration	CTQ Forbidden - Connection TO
URL UserName	
URL Domain	

General Characteristics PIN Assoc.Sets Rights Profile  
VoiceMail Facilities Set Characteristics Hotel  
SIP\_Attributes Miscellaneous All Action

[1:50:23 PM] > Request 17 sent to alcatel51.  
[1:50:24 PM] > Request 17 completed on alcatel51: 11 instance(s) received.

Configuration: alcatel51



### Configure Digital Station Phone Facilities

The screenshot shows the Cisco configuration interface for 'alcatel51'. The left pane displays a tree view under 'PCX' with the following structure:

- Shelf
- Media Gateway
- PWT/DECT System
- System
- Translator
- Classes of Service
  - 1
    - Access COS
    - Connection COS
    - Transfer COS
    - Private Calls Connect. C
    - Phone Features Class
      - 0 00001000001100
      - 1 00001100000000
      - 2 00001100000000
      - 3 00000000000000
      - 4 00000000000000
      - 5 00000000000000
      - 6 00000000000000
      - 7 00000000000000
      - 8 00000000000000
      - 9 00000000000000
      - 10 0000100001111
      - 11 0000100001111
      - 12 0110010111111
      - 13 0000100001111

The right pane shows the 'Configuration' section for 'alcatel51:1' with the following table:

alcatel51:1	
Tel. Features COS ID	0
Rights Prot.against dir.call pick	0
Rights Protected against all ba	0
Rights Protected against set b	0
Rights Outgoing calls only	0
Rights Forward to external No.	1
Rights Prot.against multi-l ring	0
Rights Protected against forwa	0
Rights Protected (against barg	0
Rights Prot.against call annou	0
Rights Remote uske un/answ	0



OmniVista 4760 - COMPIDEA:389 - AdminNmc

File Applications Security Preferences Configuration Windows Help

Configuration: alcatel51

Networks PCX

- Shelf
- Media Gateway
- PWT/DECT System
- System
- Translator
- Classes of Service
  - 1
    - Access COS
    - Connection COS
    - Transfer COS
    - Private Calls Connect.
    - Phone Features Class
      - 0 00001000001100
      - 1 00001100000000
      - 2 00001100000000
      - 3 00000000000000
      - 4 00000000000000
      - 5 00000000000000
      - 6 00000000000000
      - 7 00000000000000
      - 8 00000000000000
      - 9 00000000000000
      - 10 0000100001111
      - 11 0000100001111
      - 12 0110010111111
      - 13 0000100001111

Users Where Directory Number Equa

Configuration

alcatel51:1	
Tel. Features COS ID	0
Rights Remote wake-up/appoi	0
Rights Auto.call back satell.trk	1
Rights Transfer on no answer	1
Rights ISDN remote charge se	0
Rights Bypass on forwarding	0
Rights Prot.against bypass on	0
Rights Interphony	0
Rights Secret Code, Repertory	1
Rights Night Serv.Answ.Pick up	0
Rights Night Serv Direct call ni	0

All

1



OmniVista 4760 - COMPIDEA:389 - AdminNmc

File Applications Security Preferences Configuration Windows Help

Configuration: alcatel51

Networks PCX

- Shelf
- Media Gateway
- PWT/DECT System
- System
- Translator
- Classes of Service
  - 1
    - Access COS
    - Connection COS
    - Transfer COS
    - Private Calls Connect. O
    - Phone Features Class
      - 0 00001000001100
      - 1 00001100000000
      - 2 00001100000000
      - 3 00000000000000
      - 4 00000000000000
      - 5 00000000000000
      - 6 00000000000000
      - 7 00000000000000
      - 8 00000000000000
      - 9 00000000000000
      - 10 0000100001111
      - 11 0000100001111
      - 12 0110010111111
      - 13 0000100001111

Users Where Directory Number Equa

Configuration

alcatel51:1	
Tel. Features COS ID	0
Rights PCX Calls Follow Ext. f	1
Rights Mask ID.name Only for	0
Rights Ringing tone In Handse	1
Rights No Text Msg reception	0
Rights No Callback On Free S	0
Rights No Callback On Busy S	0
Rights Override Att Control of T	0
Rights No Substitution	0
Rights Reserved or Att Control	0

All

1



OmniVista 4760 - COMPIDEA:389 - AdminNmc

File Applications Security Preferences Configuration Windows Help

Configuration: alcatel51

Networks PCX

- Shelf
- Media Gateway
- PWT/DECT System
- System
- Translator
- Classes of Service
  - 1
    - Access COS
    - Connection COS
    - Transfer COS
    - Private Calls Connect. C
    - Phone Features Class
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      - 2 00001100000000
      - 3 00000000000000
      - 4 00000000000000
      - 5 00000000000000
      - 6 00000000000000
      - 7 00000000000000
      - 8 00000000000000
      - 9 00000000000000
      - 10 0000100001111
      - 11 0000100001111
      - 12 0110010111111
      - 13 0000100001111

Users Where Directory Number Equa

Configuration

alcatel51:1	
Tel. Features COS ID	0
Rights Lock Key	0
Rights Prot.against Guest Priv	0
Rights Prot.against VIP Private	0
Rights Prot.against Private Ca	0
Rights Prot.against Private Ca	0
Rights Prot.against Automatic	0
Rights Authorized DISA unlock	0
Rights Timed Call Release	0
Rights Calling name display (C	1
Rights let calls overflow if calls	0

All

1





OmniVista 4760 - COMPIDEA:389 - AdminNmc

File Applications Security Preferences Configuration Windows Help

Configuration: alcatel51

Networks PCX

- Shelf
- Media Gateway
- PWT/DECT System
- System
- Translator
- Classes of Service
  - 1
    - Access COS
    - Connection COS
    - Transfer COS
    - Private Calls Connect.
    - Phone Features Class
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      - 3 00000000000000
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      - 6 00000000000000
      - 7 00000000000000
      - 8 00000000000000
      - 9 00000000000000
      - 10 0000100001111
      - 11 0000100001111
      - 12 0110010111111
      - 13 0000100001111

Users Where Directory Number Equa

Configuration

alcatel51:1	
Tel. Features COS ID	0
Rights Int. calls overflow if call	0
Rights Int. calls overflow if call	0
Rights Record Authorization	0
Rights Casual Conference	0
Rights Silent Connection on Ag	0
Rights Virtual set on CMP boar	0
Routing Mode At Off-hook	NO Routing
Inter-Company Calling Right	<input type="checkbox"/>
Set features Immediate forwar	1
Set features Immediate forwar	1

All

1





OmniVista 4760 - COMPIDEA:389 - AdminNmc

File Applications Security Preferences Configuration Windows Help

Configuration: alcatel51

Networks PCX

- Shelf
- Media Gateway
- PWT/DECT System
- System
- Translator
- Classes of Service
  - 1
    - Access COS
    - Connection COS
    - Transfer COS
    - Private Calls Connect.
    - Phone Features Class
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      - 5 00000000000000
      - 6 00000000000000
      - 7 00000000000000
      - 8 00000000000000
      - 9 00000000000000
      - 10 0000100001111
      - 11 0000100001111
      - 12 0110010111111
      - 13 0000100001111

Users Where Directory Number Equa

Configuration

alcatel51:1	
Tel. Features COS ID	
Set features Forward on no an	1
Set features Forward on busy c	1
Set features Forward cancellat	1
Set features Forward cancel.by	0
Set features Overfl.on no answ	0
Set features Cancel Overfl.to a	0
Set features Sta. group exit	0
Set features Sta. group entry	0
Set features Protect. against b	0

All

1



OmniVista 4760 - COMPIDEA:389 - AdminNmc

File Applications Security Preferences Configuration Windows Help

Configuration: alcatel51

Networks PCX

- Shelf
- Media Gateway
- PWT/DECT System
- System
- Translator
- Classes of Service
  - 1
    - Access COS
    - Connection COS
    - Transfer COS
    - Private Calls Connect
    - Phone Features Class
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      - 1 00001100000000
      - 2 00001100000000
      - 3 00000000000000
      - 4 00000000000000
      - 5 00000000000000
      - 6 00000000000000
      - 7 00000000000000
      - 8 00000000000000
      - 9 00000000000000
      - 10 0000100001111
      - 11 0000100001111
      - 12 0110010111111
      - 13 0000100001111

Users Where Directory Number Equa

Configuration

alcatel51:1	
Tel. Features COS ID	
Set features Lock	0
Set features Auto-assignment	0
Set features Substitution	0
Set features Password modific	0
Set features Accounting/Charg	0
Set features Do not disturb	0
Set features Set Out/In of Servi	1
Set features Associated Direct	0
Set features Remote forward	0

All

1



OmniVista 4760 - COMPIDEA:389 - AdminNmc

File Applications Security Preferences Configuration Windows Help

Configuration: alcatel51

Networks PCX

- Shelf
- Media Gateway
- PWT/DECT System
- System
- Translator
- Classes of Service
  - 1
    - Access COS
    - Connection COS
    - Transfer COS
    - Private Calls Connect.
    - Phone Features Class
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      - 1 00001100000000
      - 2 00001100000000
      - 3 00000000000000
      - 4 00000000000000
      - 5 00000000000000
      - 6 00000000000000
      - 7 00000000000000
      - 8 00000000000000
      - 9 00000000000000
      - 10 0000100001111
      - 11 0000100001111
      - 12 0110010111111
      - 13 0000100001111

Users Where Directory Number Equa

Configuration

alcatel51:1	
Tel. Features COS ID	0
Set features Cancel Remote f	0
Set features Unused	0
Set features Cancel auto. call	1
Set features Personal director	0
Set features Personal Director	0
Set features Language	0
Set features Adjust Display Vis	1
Set features Access and Revie	0
Set features Camp-on Control	0

All

1



OmniVista 4760 - COMPIDEA:389 - AdminNmc

File Applications Security Preferences Configuration Windows Help

Configuration: alcatel51

Networks PCX

- Shelf
- Media Gateway
- PWT/DECT System
- System
- Translator
- Classes of Service
  - 1
    - Access COS
    - Connection COS
    - Transfer COS
    - Private Calls Connect.
    - Phone Features Class
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      - 1 00001100000000
      - 2 00001100000000
      - 3 00000000000000
      - 4 00000000000000
      - 5 00000000000000
      - 6 00000000000000
      - 7 00000000000000
      - 8 00000000000000
      - 9 00000000000000
      - 10 0000100001111
      - 11 0000100001111
      - 12 0110010111111
      - 13 0000100001111

Users Where Directory Number Equa

Configuration

alcatel51:1	
Tel. Features COS ID	0
Set features Overfl.busy to ass	0
Set features Overf.busy/no ans	0
Set features Voice Guide List	0
Set features Suite Do Not Dist	0
Set features No Ringing	0
Set features Tandem: Assistar	0
Set features Tandem: Filter act	0
Set features Force Set Type Id	0
Set features Privileged substit	0
Set features Ubiquity Mobile Pr	0

All

1



OmniVista 4760 - COMPIDEA:389 - AdminNmc

File Applications Security Preferences Configuration Windows Help

Configuration: alcatel51

Networks PCX

- Shelf
- Media Gateway
- PWT/DECT System
- System
- Translator
- Classes of Service
  - 1
    - Access COS
    - Connection COS
    - Transfer COS
    - Private Calls Connect.0
    - Phone Features Class
      - 0 00001000001100
      - 1 00001100000000
      - 2 00001100000000
      - 3 00000000000000
      - 4 00000000000000
      - 5 00000000000000
      - 6 00000000000000
      - 7 00000000000000
      - 8 00000000000000
      - 9 00000000000000
      - 10 0000100001111
      - 11 0000100001111
      - 12 0110010111111
      - 13 0000100001111

Users Where Directory Number Equa

Configuration

alcatel51:1

Tel. Features COS ID	
Set features Ubiquity	0
General Services Group call pi	1
General Services Direct call pi	1
General Services Processing	0
PCX Services Speed call to as	1
PCX Services Access Callback	1
PCX Services Last Caller Callk	1
PCX Services Paging call ansy	0
PCX Services Voice Mail Acces	0

All

1



OmniVista 4760 - COMPIDEA:389 - AdminNmc

File Applications Security Preferences Configuration Windows Help

Configuration: alcatel51

Networks PCX

- Shelf
- Media Gateway
- PWT/DECT System
- System
- Trans PWT/DECT System
- Classes of Service
  - 1
    - Access COS
    - Connection COS
    - Transfer COS
    - Private Calls Connect.C
    - Phone Features Class
      - 0 00001000001100
      - 1 00001100000000
      - 2 00001100000000
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      - 6 00000000000000
      - 7 00000000000000
      - 8 00000000000000
      - 9 00000000000000
      - 10 0000100001111
      - 11 0000100001111
      - 12 0110010111111
      - 13 0000100001111

Configuration

alcatel51:1	
Tel. Features COS ID	0
PCX Services Voice Mail Access	0
PCX Services Wake-up/appoin	0
PCX Services Tone test	0
PCX Services Collect telex	0
PCX Services Collect text	0
PCX Services Collect fax	0
PCX Services Message depos	0
PCX Services Text deposit	0
PCX Services Image deposit	0
PCX Services ACD Prefixes	0
PCX Services Meet-me Confer	0
PCX Services Cancel Wake-up	0
PCX Services Switch off Messa	0

All

1



OmniVista 4760 - COMPIDEA:389 - AdminNmc

File Applications Security Preferences Configuration Windows Help

Configuration: alcatel51

Networks PCX

- Shelf
- Media Gateway
- PWT/DECT System
- System
- Translator
- Classes of Service
  - 1
    - Access COS
    - Connection COS
    - Transfer COS
    - Private Calls Connect...
    - Phone Features Class...
    - 0 00001000001100
    - 1 00001100000000
    - 2 00001100000000
    - 3 00000000000000
    - 4 00000000000000
    - 5 00000000000000
    - 6 00000000000000
    - 7 00000000000000
    - 8 00000000000000
    - 9 00000000000000
    - 10 0000100001111
    - 11 0000100001111
    - 12 0110010111111
    - 13 0000100001111

Configuration

alcatel51:1

Tel. Features COS ID	
PCX Services Recordable Voicemail	0
PCX Services Suite Wake-up	0
PCX Services Suite Wake-up C...	0
PCX Services Physical Room C...	0
PCX Services Under A4980 C...	0
PCX Services Manual Add-on C...	0
PCX Services Automatic Add-o...	0
PCX Services Announcement	0
PCX Services Automatic Answ...	0
PCX Services Call Restriction	0
PCX Services Explicit Priority	0
PCX Services Intercom Service	0
PCX Services Explicit Precede...	0
PCX Services CUG Call	1

All

1



OmniVista 4760 - COMPIDEA:389 - AdminNmc

File Applications Security Preferences Configuration Windows Help

Configuration: alcatel51

Networks PCX

- Shelf
- Media Gateway
- PWT/DECT System
- System
- Translator
- Classes of Service
  - 1
    - Access COS
    - Connection COS
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      - 5 00000000000000
      - 6 00000000000000
      - 7 00000000000000
      - 8 00000000000000
      - 9 00000000000000
      - 10 0000100001111
      - 11 0000100001111
      - 12 0110010111111
      - 13 0000100001111

Configuration

alcatel51:1

Tel. Features COS ID	
PCX Services COS ID	0
PCX Services Background Mus	1
External Services Direct trunk s	1
External Services Project num	0
External Services Redial last n	1
External Services Night service	0
External Services DTMF Freque	0
External Services Park Call/Re	1
External Services Waiting call	0
External Services Rotary End-t	1
External Services DTMF End-t	1
External Services Malicious ca	0
External Services Common Hq	0
External Services Priority of Ca	0

All

1





OmniVista 4760 - COMPIDEA:389 - AdminNmc

File Applications Security Preferences Configuration Windows Help

Configuration: alcatel51

Networks PCX

- Shelf
- Media Gateway
- PWT/DECT System
- System
- Translator
- Classes of Service
  - 1
    - Access COS
    - Connection COS
    - Transfer COS
    - Private Calls Connect.
    - Phone Features Class
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      - 1 00001100000000
      - 2 00001100000000
      - 3 00000000000000
      - 4 00000000000000
      - 5 00000000000000
      - 6 00000000000000
      - 7 00000000000000
      - 8 00000000000000
      - 9 00000000000000
      - 10 0000100001111
      - 11 0000100001111
      - 12 0110010111111
      - 13 0000100001111

Configuration

alcatel51:1	
Tel. Features COS ID	0
External Services Priority of Co	0
External Services Secret/Ident	1
External Services Alphanumeri	0
External Services Manual Hold	1
Suffixes Broker Call	0
Suffixes Three-Party conferenc	1
Suffixes Barge-in	1
Suffixes Callback on free or bu	1
Suffixes Camp-on Waiting	0
Suffixes Speaker Paging	0
Suffixes Call announce throug	0
Suffixes Consultation Call	1
Suffixes Paging request	0
Suffixes Project number	0

All

1



OmniVista 4760 - COMPIDEA:389 - AdminNmc

File Applications Security Preferences Configuration Windows Help

Configuration: alcatel51

Networks PCX

- Shelf
- Media Gateway
- PWT/DECT System
- System
- Translator
- Classes of Service
  - 1
    - Access COS
    - Connection COS
    - Transfer COS
    - Private Calls Connect.
    - Phone Features Class
      - 0 00001000001100
      - 1 00001100000000
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      - 4 00000000000000
      - 5 00000000000000
      - 6 00000000000000
      - 7 00000000000000
      - 8 00000000000000
      - 9 00000000000000
      - 10 0000100001111
      - 11 0000100001111
      - 12 0110010111111
      - 13 0000100001111

Configuration

alcatel51:1

Tel. Features COS ID	
Suffixes Rotary End-to-End Dia	1
Suffixes DTMF end-to-end dial	1
Suffixes Malicious Call	0
Suffixes Voice Mail Message D	0
Suffixes Camp-on Control	0
Suffixes Voice Mail Access	0
Suffixes By pass on Do Not Dis	0
Speed Dialing Area Area 0	1
Speed Dialing Area Area 1	1
Speed Dialing Area Area 2	1
Speed Dialing Area Area 3	1
Speed Dialing Area Area 4	1
Speed Dialing Area Area 5	1

All

1



OmniVista 4760 - COMPIDEA:389 - AdminNmc

File Applications Security Preferences Configuration Windows Help

Configuration: alcatel51

Networks PCX

- Shelf
- Media Gateway
- PWT/DECT System
- System
- Translator
- Classes of Service
  - 1
    - Access COS
    - Connection COS
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    - Private Calls Connect.
    - Phone Features Class
      - 0 00001000001100
      - 1 00001100000000
      - 2 00001100000000
      - 3 00000000000000
      - 4 00000000000000
      - 5 00000000000000
      - 6 00000000000000
      - 7 00000000000000
      - 8 00000000000000
      - 9 00000000000000
      - 10 0000100001111
      - 11 0000100001111
      - 12 0110010111111
      - 13 0000100001111

Configuration

alcatel51:1	
Tel. Features COS ID	
Speed Dialing Area Area 6	1
Speed Dialing Area Area 7	1
Speed Dialing Area Area 8	1
Speed Dialing Area Area 9	1
Speed Dialing Area Area 10	1
Speed Dialing Area Area 11	1
Speed Dialing Area Area 12	1
Speed Dialing Area Area 13	1
Speed Dialing Area Area 14	1
Speed Dialing Area Area 15	1
Speed Dialing Area Area 16	1
Speed Dialing Area Area 17	1
Speed Dialing Area Area 18	1

All

1



OmniVista 4760 - COMPIDEA:389 - AdminNmc

File Applications Security Preferences Configuration Windows Help

Configuration: alcatel51

Networks PCX

- Shelf
- Media Gateway
- PWT/DECT System
- System
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    - Private Calls Connect.
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      - 3 00000000000000
      - 4 00000000000000
      - 5 00000000000000
      - 6 00000000000000
      - 7 00000000000000
      - 8 00000000000000
      - 9 00000000000000
      - 10 0000100001111
      - 11 0000100001111
      - 12 0110010111111
      - 13 0000100001111

Configuration

alcatel51:1	
Tel. Features COS ID	0
Speed Dialing Area Area 23	1
Speed Dialing Area Area 24	1
Speed Dialing Area Area 25	1
Speed Dialing Area Area 26	1
Speed Dialing Area Area 27	1
Speed Dialing Area Area 28	1
Speed Dialing Area Area 29	1
Speed Dialing Area Area 30	1
Speed Dialing Area Area 31	1
Voice Mail Forwarding	Ring Final Set Mail
Default Overflow Type	No forward
Default Overflow Addressee	Nothing
Quality profile for voice over IP	Profile #2

All

1



## Configuring Cisco Unified CallManager

### 2650XM\_E1 Gateway Configuration

Cisco CallManager 4.1 Administration - Gateway Configuration - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Media Print

Address <https://cm-antares/CCMAdmin/gatewayconfig.asp?pkid={6A99D4F2-8071-4667-B822-018203A324C8}&Action=Update&Type> Go Links

# Gateway Configuration

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

**Product : Cisco 26XX**  
**Gateway : S1/DS1-1@2650XMB4\_E1**  
**Device Protocol: Digital Access PRI**  
**Registration: Registered with Cisco CallManager CM-ANTARES**  
**IP Address: [172.20.5.2](#)**

Status: Ready

### Device Information

End-Point Name*	S1/DS1-1@2650XMB4_E1
Description	S1/DS1-1@2650XMB4_E1
Device Pool*	Default
Call Classification*	Use System Default
Network Locale	United States
Media Resource Group List	< None >
Location	< None >
AAR Group	< None >
Load Information	
V150 (subset)	<input type="checkbox"/>

### Multilevel Precedence and Preemption (MLPP) Information

MLPP Domain (e.g., "0000FF")	
MLPP Indication	Not available on this device
MLPP Preemption	Not available on this device

### Interface Information

PRI Protocol Type*	PRI QSIG E1
Protocol Side*	User
Channel Selection Order*	Top Down
Channel IE Type*	Timeslot Number
PCM Type*	A-law
Delay for first restart (1/8 sec ticks)	32
Delay between restarts (1/8 sec ticks)	4
<input checked="" type="checkbox"/> Inhibit restarts at PRI initialization	



Cisco CallManager 4.1 Administration - Gateway Configuration - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Media Print

Address <https://cm-antares/CCMAdmin/gatewayconfig.asp?pkid={6A99D4F2-8071-4667-B822-018203A324C8}&Action=Update&Type> Go Links

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*	Private
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\*\*\*\*

MCDN Channel Number Extension Bit Set to Zero\*\*

Send Calling Name In Facility IE

Interface Identifier Present\*\*

Interface Identifier Value**	0
Connected Line ID Presentation (QSIG Inbound Call)*	Default



Cisco CallManager 4.1 Administration - Gateway Configuration - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address: https://cm-antares/CCMAdmin/gatewayconfig.asp?pkid={6A99D4F2-8071-4667-B822-018203A324C8}&Action=Update&Type

Calling Numbering Plan\* Private

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\*\*\*\*

MCDN Channel Number Extension Bit Set to Zero\*\*

Send Calling Name In Facility IE

Interface Identifier Present\*\*

Interface Identifier Value\*\* 0

Connected Line ID Presentation (QSIG Inbound Call)\* Default

**UUIE Configuration**

Passing Precedence Level Through UUIE

Security Access Level 2

**Product Specific Configuration**

Line Coding\* HDB3

Framing\* CRC4

Clock\* External

Input Gain (-6..14 db)\* 0

Output Attenuation (-6..14 db)\* 0

Echo Cancellation Enable\* Enable

Echo Cancellation Coverage (ms)\* Default

\* 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



## Partitions Configuration

Cisco CallManager 4.1 Administration - Find and List Partitions - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Media Print

Address <https://cm-antares/CCMAdmin/routepartitionlist.asp?findBy=name&match=begin&pattern=&submit1=Find&rows=20> Go Links

System Route Plan Service Feature Device User Application Help

**Cisco CallManager Administration**  
For Cisco IP Telephony Solutions

CISCO SYSTEMS

### Find and List Partitions

[Add a New Partition](#)

2 matching record(s) for Partition Name begins with ""

Find Partitions where Partition Name    
and show  items per page  
To list all items, click Find without entering any search text.

Matching record(s) 1 to 2 of 2

<input type="checkbox"/>	Partition Name	Description
<input type="checkbox"/>	Incoming Trunk	Incoming Trunk
<input type="checkbox"/>	Phones	Phones

First Previous Next Last Page  of 1





## Calling Search Space Configuration

Cisco CallManager 4.1 Administration - Calling Search Space Configuration - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Search Favorites Media

Address <https://cm-antares/CCMAdmin/callingsearchspace.asp?pkid={5CAD686-6EC0-4013-9E22-F68710B345B2}> Go Links

System Route Plan Service Feature Device User Application Help

**Cisco CallManager Administration**  
For Cisco IP Telephony Solutions

CISCO SYSTEMS

Cisco CallManager 4.1 Administration

# Calling Search Space Configuration

[Add New Calling Search Space](#)  
[Back to Find/List Calling Search Spaces](#)  
[Dependency Records](#)

**Calling Search Space: Incoming Trunk (in use)**  
Status: Ready

**Calling Search Space Information**

Calling Search Space Name\*

Description

**Route Partitions for this Calling Search Space**

Find Partitions containing

Available Partitions

Phones
--------

▼ ▲

Selected Partitions\*  
(ordered by highest priority)

Incoming Trunk
----------------

◆

\* indicates required item



Cisco CallManager 4.1 Administration - Calling Search Space Configuration - Microsoft Internet Explorer

File Edit View Favorites Tools Help


Back Forward Stop Home Search Favorites Media Print

Address <https://cm-antares/CCMAdmin/callingsearchspace.asp?pkid={9D5E3693-3375-4B9F-87F5-8D7CA00191CA}> Go Links

System Route Plan Service Feature Device User Application Help

# Cisco CallManager Administration

For Cisco IP Telephony Solutions



## Calling Search Space Configuration

[Add New Calling Search Space](#)  
[Back to Find/List Calling Search Spaces](#)  
[Dependency Records](#)

**Calling Search Space: Phones (in use)**  
Status: Ready

### Calling Search Space Information

Calling Search Space Name\*

Description

### Route Partitions for this Calling Search Space

Find Partitions containing

Available Partitions

Incoming Trunk
----------------

▼ ▲

Selected Partitions\*  
(ordered by highest priority)

Phones
--------

\* indicates required item



Cisco CallManager 4.1 Administration - Calling Search Space Configuration - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Media Print

Address <https://cm-antares/CCMAdmin/callingsearchspace.asp?pkid={704D9F29-9833-4B3D-88C8-FF7C1402DF90}> Go Links

System Route Plan Service Feature Device User Application Help

**Cisco CallManager Administration**  
For Cisco IP Telephony Solutions

CISCO SYSTEMS

## Calling Search Space Configuration

[Add New Calling Search Space](#)  
[Back to Find/List Calling Search Spaces](#)  
[Dependency Records](#)

**Calling Search Space: PathreplacementCCS**  
Status: Ready

Copy Update Delete

### Calling Search Space Information

Calling Search Space Name\* PathreplacementCCS

Description

### Route Partitions for this Calling Search Space

Find Partitions containing Find

Available Partitions

Selected Partitions\* (ordered by highest priority)

- Phones
- Incoming Trunk

\* indicates required item



## Enbloc Route Pattern Configuration

Cisco CallManager 4.1 Administration - Route Pattern Configuration - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address: https://cm-antares/CCMAdmin/routepatternconfig.asp?pkid={CA432242-8072-4225-A1AE-DD35B66A778F}

System Route Plan Service Feature Device User Application Help

### Cisco CallManager Administration

For Cisco IP Telephony Solutions

CISCO SYSTEMS

## Route Pattern Configuration

[Add a New Route Pattern](#)  
[Back to Find/List Route Patterns](#)

**Route Pattern: 3XXX**  
Status: Ready  
Note: Any update to this Route Pattern automatically resets the associated gateway or Route List

#### Pattern Definition

Route Pattern*	<input type="text" value="3XXX"/>
Partition	< None >
Description	<input type="text"/>
Numbering Plan*	North American Numbering Plan
Route Filter	< None >
MLPP Precedence	Default
Gateway or Route List*	S1/DS1-1@2650XMB4_E1 <a href="#">(Edit)</a>
Route Option	<input checked="" type="radio"/> Route this pattern <input type="radio"/> Block this pattern <input type="text" value="Not Selected"/>
Call Classification*	OffNet <input type="checkbox"/> Allow Device Override
<input checked="" type="checkbox"/> Provide Outside Dial Tone	<input type="checkbox"/> Allow Overlap Sending <input type="checkbox"/> Urgent Priority
<input type="checkbox"/> Require Forced Authorization Code	Authorization Level <input type="text" value="0"/>
<input type="checkbox"/> Require Client Matter Code	

#### Calling Party Transformations

Use Calling Party's External Phone Number Mask

Calling Party Transform Mask	<input type="text"/>
Prefix Digits (Outgoing Calls)	<input type="text"/>
Calling Line ID Presentation	Default
Calling Name Presentation	Default

#### Connected Party Transformations

Connected Line ID Presentation	Default
Connected Name Presentation	Default



### Connected Party Transformations

Connected Line ID Presentation

Connected Name Presentation

### Called Party Transformations

Discard Digits

Called Party Transform Mask

Prefix Digits (Outgoing Calls)

### ISDN Network-Specific Facilities Information Element

Carrier Identification Code

Network Service Protocol

Network Service

Service Parameter Name

Service Parameter Value

\* indicates required item.



## Overlap Sending Route Pattern Configuration

Cisco CallManager 4.1 Administration - Route Pattern Configuration - Microsoft Internet Explorer

Address: <https://cm-antares/CCMAdmin/routepatternconfig.asp?pkid={ED2959AD-B2E6-459C-A78F-EC1A99A839F8}>

System Route Plan Service Feature Device User Application Help

# Cisco CallManager Administration

For Cisco IP Telephony Solutions

CISCO SYSTEMS

Cisco CallManager 4.1 Administration

## Route Pattern Configuration

[Add a New Route Pattern](#)  
[Back to Find/List Route Patterns](#)

**Route Pattern: 9.X**

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

### Pattern Definition

Route Pattern*	<input type="text" value="9.X"/>
Partition	< None >
Description	<input type="text"/>
Numbering Plan*	North American Numbering Plan
Route Filter	< None >
MLPP Precedence	Default
Gateway or Route List*	S1/DS1-1@2650XMB4_E1 <a href="#">(Edit)</a>
Route Option	<input checked="" type="radio"/> Route this pattern <input type="radio"/> Block this pattern <input type="text" value="-- Not Selected --"/>
Call Classification*	OffNet <input type="checkbox"/> Allow Device Override
<input checked="" type="checkbox"/> Provide Outside Dial Tone	<input checked="" type="checkbox"/> Allow Overlap Sending <input type="checkbox"/> Urgent Priority
<input type="checkbox"/> Require Forced Authorization Code	Authorization Level <input type="text" value="0"/>
<input type="checkbox"/> Require Client Matter Code	

### Calling Party Transformations

Use Calling Party's External Phone Number Mask

Calling Party Transform Mask	<input type="text"/>
Prefix Digits (Outgoing Calls)	<input type="text"/>
Calling Line ID Presentation	Default
Calling Name Presentation	Default

### Connected Party Transformations

Connected Line ID Presentation	Default
--------------------------------	---------



Cisco CallManager 4.1 Administration - Route Pattern Configuration - Microsoft Internet Explorer

Address: https://cm-antares/CCMAdmin/routepatternconfig.asp?pkid={ED2959AD-B2E6-459C-A78F-EC1A99A839F8}

Description:

Numbering Plan\*: North American Numbering Plan

Route Filter: < None >

MLPP Precedence: Default

Gateway or Route List\*: S1/DS1-1@2650XMB4\_E1 (Edit)

Route Option:  
 Route this pattern  
 Block this pattern:

Call Classification\*: OffNet  Allow Device Override

Provide Outside Dial Tone  Allow Overlap Sending  Urgent Priority

Require Forced Authorization Code  
Authorization Level:

Require Client Matter Code

**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:

Network Service	Service Parameter Name	Service Parameter Value
<input type="text" value="-- Not Selected --"/>	< Not Exist >	<input type="text"/>

\* indicates required item.



## PSTN Route Pattern Configuration

Cisco CallManager 4.1 Administration - Route Pattern Configuration - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Media Print

Address <https://cm-antares/CCMAdmin/routepatternconfig.asp?pkid={35E1A048-8FA4-4ABE-88B1-F168AB8E267F}> Go Links

System Route Plan Service Feature Device User Application Help

**Cisco CallManager Administration**  
For Cisco IP Telephony Solutions

CISCO SYSTEMS

# Route Pattern Configuration

[Add a New Route Pattern](#)  
[Back to Find/List Route Patterns](#)

**Route Pattern: 91650364XXXX**

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

### Pattern Definition

Route Pattern*	<input type="text" value="91650364XXXX"/>
Partition	<input type="text" value=" &lt; None &gt;"/>
Description	<input type="text" value="PSTN Gateway"/>
Numbering Plan*	<input type="text" value="North American Numbering Plan"/>
Route Filter	<input type="text" value=" &lt; None &gt;"/>
MLPP Precedence	<input type="text" value="Default"/>
Gateway or Route List*	<input type="text" value="S1/DS1-1@2650XMB4_E1"/> (Edit)
Route Option	<input checked="" type="radio"/> Route this pattern <input type="radio"/> Block this pattern <input type="text" value=" - Not Selected -"/>
Call Classification*	<input type="text" value="OffNet"/> <input type="checkbox"/> Allow Device Override
<input checked="" type="checkbox"/> Provide Outside Dial Tone	<input type="checkbox"/> Allow Overlap Sending <input type="checkbox"/> Urgent Priority
<input type="checkbox"/> Require Forced Authorization Code	Authorization Level <input type="text" value="0"/>
<input type="checkbox"/> Require Client Matter Code	

### Calling Party Transformations

Use Calling Party's External Phone Number Mask

Calling Party Transform Mask	<input type="text"/>
Prefix Digits (Outgoing Calls)	<input type="text"/>
Calling Line ID Presentation	<input type="text" value="Default"/>
Calling Name Presentation	<input type="text" value="Default"/>

### Connected Party Transformations

Connected Line ID Presentation	<input type="text" value="Default"/>
--------------------------------	--------------------------------------

Local intranet





Cisco CallManager 4.1 Administration - Route Pattern Configuration - Microsoft Internet Explorer

Address: https://cm-antares/CCMAdmin/routepatternconfig.asp?pkid={35E1A048-8FA4-4ABE-88B1-F168AB8E267F}

Description: PSTN Gateway

Numbering Plan\*: North American Numbering Plan

Route Filter: < None >

MLPP Precedence: Default

Gateway or Route List\*: S1/DS1-1@2650XMB4\_E1 (Edit)

Route Option:  
 Route this pattern  
 Block this pattern: — Not Selected —

Call Classification\*: OffNet  Allow Device Override

Provide Outside Dial Tone  Allow Overlap Sending  Urgent Priority

Require Forced Authorization Code  
Authorization Level: 0

Require Client Matter Code

**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 >	<input type="text"/>

\* indicates required item.



## Translation Pattern for Incoming Calls

Cisco CallManager 4.1 Administration - Translation Pattern Configuration - Microsoft Internet Explorer

Address: https://cm-antares/CCMAdmin/translationconfig.asp?pkid={78C73603-8B68-4CB6-A46A-0DF3FE768235}

**Cisco CallManager Administration**  
For Cisco IP Telephony Solutions

**Translation Pattern Configuration**

[Add a New Translation Pattern](#)  
[Back to Find/List Translation Patterns](#)

**Translation Pattern: 4XXX**  
Status: Ready

Copy Update Delete

**Pattern Definition**

Translation Pattern	4XXX
Partition	Incoming Trunk
Description	
Numbering Plan*	North American Numbering Plan
Route Filter	< None >
Calling Search Space	Phones
MLPP Precedence	Default
Route Option	<input checked="" type="radio"/> Route this pattern <input type="radio"/> Block this pattern (Not Selected)
<input checked="" type="checkbox"/> Provide Outside Dial Tone	<input checked="" type="checkbox"/> 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)	

Done Local intranet



## CLIR Route Pattern Configuration

Cisco CallManager 4.1 Administration - Route Pattern Configuration - Microsoft Internet Explorer

Address: https://cm-antares/CCMAdmin/routepatternconfig.asp?pkid={CA432242-8072-4225-A1AE-DD35B66A778F}

### Cisco CallManager Administration

For Cisco IP Telephony Solutions

# Route Pattern Configuration

[Add a New Route Pattern](#)  
[Back to Find/List Route Patterns](#)

**Route Pattern: 3XXX**  
Status: Ready  
Note: Any update to this Route Pattern automatically resets the associated gateway or Route List

#### Pattern Definition

Route Pattern*	<input type="text" value="3XXX"/>
Partition	< None >
Description	<input type="text"/>
Numbering Plan*	North American Numbering Plan
Route Filter	< None >
MLPP Precedence	Default
Gateway or Route List*	S1/DS1-1@2650XMB4_E1 (Edit)
Route Option	<input checked="" type="radio"/> Route this pattern <input type="radio"/> Block this pattern <input type="text" value="-- Not Selected --"/>
Call Classification*	OffNet <input type="checkbox"/> Allow Device Override
<input checked="" type="checkbox"/> Provide Outside Dial Tone	<input type="checkbox"/> Allow Overlap Sending <input type="checkbox"/> Urgent Priority
<input type="checkbox"/> Require Forced Authorization Code	Authorization Level <input type="text" value="0"/>
<input type="checkbox"/> Require Client Matter Code	

#### Calling Party Transformations

Use Calling Party's External Phone Number Mask

Calling Party Transform Mask	<input type="text"/>
Prefix Digits (Outgoing Calls)	<input type="text"/>
Calling Line ID Presentation	Restricted
Calling Name Presentation	Default

#### Connected Party Transformations

Connected Line ID Presentation	Default
Connected Name Presentation	Default



## CNIR Route Pattern Configuration

Cisco CallManager 4.1 Administration - Route Pattern Configuration - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Media Print

Address: https://cm-antares/CCMAdmin/routepatternconfig.asp?pkid={CA432242-8072-4225-A1AE-DD35B66A778F}

System Route Plan Service Feature Device User Application Help

**Cisco CallManager Administration**  
For Cisco IP Telephony Solutions

CISCO SYSTEMS

Cisco CallManager 4.1 Administration

### Route Pattern Configuration

[Add a New Route Pattern](#)  
[Back to Find/List Route Patterns](#)

**Route Pattern: 3XXX**  
Status: Ready  
Note: Any update to this Route Pattern automatically resets the associated gateway or Route List

Copy Update Delete

#### Pattern Definition

Route Pattern*	3XXX
Partition	< None >
Description	
Numbering Plan*	North American Numbering Plan
Route Filter	< None >
MLPP Precedence	Default
Gateway or Route List*	S1/DS1-1@2650XMB4_E1 (Edit)
Route Option	<input checked="" type="radio"/> Route this pattern <input type="radio"/> Block this pattern — Not Selected —
Call Classification*	OffNet <input type="checkbox"/> Allow Device Override
<input checked="" type="checkbox"/> Provide Outside Dial Tone	<input type="checkbox"/> Allow Overlap Sending <input type="checkbox"/> Urgent Priority
<input type="checkbox"/> Require Forced Authorization Code	Authorization Level: 0
<input type="checkbox"/> Require Client Matter Code	

#### 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	Restricted

#### Connected Party Transformations

Connected Line ID Presentation	Default
--------------------------------	---------

Local intranet



## **COLR Translation Pattern Configuration**



Cisco CallManager 4.1 Administration - Translation Pattern Configuration - Microsoft Internet Explorer

Address: https://cm-antares/CCMAdmin/translationconfig.asp?pkid={78C73603-8B68-4CB6-A46A-0DF3FE768235}

# Cisco CallManager Administration

## Translation Pattern Configuration

[Add a New Translation Pattern](#)  
[Back to Find/List Translation Patterns](#)

**Translation Pattern: 4XXX**  
Status: Ready

Copy Update Delete

### Pattern Definition

Translation Pattern	4XXX
Partition	Incoming Trunk
Description	
Numbering Plan*	North American Numbering Plan
Route Filter	< None >
Calling Search Space	Phones
MLPP Precedence	Default
Route Option	<input checked="" type="radio"/> Route this pattern <input type="radio"/> Block this pattern — Not Selected —
<input checked="" type="checkbox"/> Provide Outside Dial Tone	<input checked="" type="checkbox"/> 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	Restricted
Connected Name Presentation	Default

### Called Party Transformations

Discard Digits	< None >
Called Party Transform Mask	
Prefix Digits (Outgoing Calls)	

\* indicates required item.

Done Local intranet



## CONR Translation Pattern Configuration

Cisco CallManager 4.1 Administration - Translation Pattern Configuration - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address <https://cm-antares/CCMAdmin/translationconfig.asp?pkid={78C73603-8B68-4CB6-A46A-0DF3FE768235}>

**Cisco CallManager Administration**  
For Cisco IP Telephony Solutions

**Translation Pattern Configuration**

[Add a New Translation Pattern](#)  
[Back to Find/List Translation Patterns](#)

**Translation Pattern: 4XXX**  
Status: Ready

Copy Update Delete

**Pattern Definition**

Translation Pattern	4XXX
Partition	Incoming Trunk
Description	
Numbering Plan*	North American Numbering Plan
Route Filter	< None >
Calling Search Space	Phones
MLPP Precedence	Default
Route Option	<input checked="" type="radio"/> Route this pattern <input type="radio"/> Block this pattern — Not Selected —
<input checked="" type="checkbox"/> Provide Outside Dial Tone	<input checked="" type="checkbox"/> 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	Restricted

**Called Party Transformations**

Discard Digits	< None >
Called Party Transform Mask	
Prefix Digits (Outgoing Calls)	

\* indicates required item.

Done Local intranet



## MWI lamp On/Off Configuration

The screenshot shows a Microsoft Internet Explorer browser window displaying the Cisco CallManager 4.1 Administration web interface. The browser's address bar shows the URL: `https://cm-antares/CCMAdmin/messagewaitingconfig.asp?pkid={5E16368A-F1AC-49B2-8F8C-39B65ADB36EE}`. The page title is "Cisco CallManager 4.1 Administration - Message Waiting Configuration".

The main content area features a navigation menu with the following items: System, Route Plan, Service, Feature, Device, User, Application, and Help. Below the menu is a header banner with the text "Cisco CallManager Administration For Cisco IP Telephony Solutions" and the Cisco Systems logo.

### Message Waiting Configuration

**Message Waiting Number : 7001**  
Status: Ready

Buttons: Copy, Update, Delete

Message Waiting Number\*:

Description:

Message Waiting Indicator:  On  Off

Partition:

Calling Search Space:

\* indicates required item

Navigation links: [Add a New Message Waiting Number](#), [Back to Find/List Message Waiting Numbers](#)





Cisco CallManager 4.1 Administration - Message Waiting Configuration - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Media Print

Address: https://cm-antares/CCMAdmin/messagewaitingconfig.asp?pkid={77B49AF0-2ABA-43DD-BBA7-7FA0C7DEA9AE} Go Links

System Route Plan Service Feature Device User Application Help

**Cisco CallManager Administration**  
For Cisco IP Telephony Solutions

CISCO SYSTEMS

## Message Waiting Configuration

[Add a New Message Waiting Number](#)  
[Back to Find/List Message Waiting Numbers](#)

**Message Waiting Number : 7000**  
Status: Ready

Copy Update Delete

Message Waiting Number\*

Description

Message Waiting Indicator  On  Off

Partition

Calling Search Space

\* indicates required item

Done Local intranet



## MWI DeActivate Translation Pattern Configuration

Cisco CallManager 4.1 Administration - Translation Pattern Configuration - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Media Print

Address <https://cm-antares/CCMAdmin/translationconfig.asp?pkid={B6E886BF-475F-4AF1-81A9-209D98C3468F}> Go Links

# Translation Pattern Configuration

[Add a New Translation Pattern](#)  
[Back to Find/List Translation Patterns](#)

**Translation Pattern: 7700**  
Status: Ready

Copy Update Delete

### Pattern Definition

Translation Pattern	<input type="text" value="7700"/>
Partition	<input type="text" value="Phones"/>
Description	<input type="text"/>
Numbering Plan*	<input type="text" value="North American Numbering Plan"/>
Route Filter	<input type="text" value=" &lt; None &gt;"/>
Calling Search Space	<input type="text" value="Phones"/>
MLPP Precedence	<input type="text" value="Default"/>
Route Option	<input checked="" type="radio"/> Route this pattern <input type="radio"/> Block this pattern <input type="text" value=" - Not Selected -"/>
<input checked="" type="checkbox"/> Provide Outside Dial Tone	<input checked="" type="checkbox"/> Urgent Priority

### Calling Party Transformations

Use Calling Party's External Phone Number Mask

Calling Party Transform Mask	<input type="text" value="3004"/>
Prefix Digits (Outgoing Calls)	<input type="text"/>
Calling Line ID Presentation	<input type="text" value="Default"/>
Calling Name Presentation	<input type="text" value="Default"/>

### Connected Party Transformations

Connected Line ID Presentation	<input type="text" value="Default"/>
Connected Name Presentation	<input type="text" value="Default"/>

### Called Party Transformations

Discard Digits	<input type="text" value=" &lt; None &gt;"/>
Called Party Transform Mask	<input type="text" value="7000"/>
Prefix Digits (Outgoing Calls)	<input type="text"/>

\* indicates required item.

Done Local intranet



## MWI Activate Translation Pattern Configuration

Cisco CallManager 4.1 Administration - Translation Pattern Configuration - Microsoft Internet Explorer

Address: <https://cm-antares/CCMAdmin/translationconfig.asp?pkid={5BBF0A4B-F0A6-4242-A388-F3C977CCE918}>

### Translation Pattern Configuration

[Add a New Translation Pattern](#)  
[Back to Find/List Translation Patterns](#)

**Translation Pattern: 7701**  
Status: Ready

#### Pattern Definition

Translation Pattern	<input type="text" value="7701"/>
Partition	<input type="text" value="Phones"/>
Description	<input type="text"/>
Numbering Plan*	<input type="text" value="North American Numbering Plan"/>
Route Filter	<input type="text" value="&lt; None &gt;"/>
Calling Search Space	<input type="text" value="Phones"/>
MLPP Precedence	<input type="text" value="Default"/>
Route Option	<input checked="" type="radio"/> Route this pattern <input type="radio"/> Block this pattern <input type="text" value="— Not Selected —"/>
<input checked="" type="checkbox"/> Provide Outside Dial Tone	<input checked="" type="checkbox"/> Urgent Priority

#### Calling Party Transformations

Use Calling Party's External Phone Number Mask

Calling Party Transform Mask	<input type="text" value="3004"/>
Prefix Digits (Outgoing Calls)	<input type="text"/>
Calling Line ID Presentation	<input type="text" value="Default"/>
Calling Name Presentation	<input type="text" value="Default"/>

#### Connected Party Transformations

Connected Line ID Presentation	<input type="text" value="Default"/>
Connected Name Presentation	<input type="text" value="Default"/>

#### Called Party Transformations

Discard Digits	<input type="text" value="&lt; None &gt;"/>
Called Party Transform Mask	<input type="text" value="7001"/>
Prefix Digits (Outgoing Calls)	<input type="text"/>

\* indicates required item.



## CallBack Service Parameters

Cisco CallManager 4.1 Administration - Service Parameters Configuration - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Media Print

Address [https://cm-antares/CCMAdmin/serviceparameters.asp?crNodeName=CM-ANTARES&crNodeID={7332FB46-5806-4483-9212-DC...](https://cm-antares/CCMAdmin/serviceparameters.asp?crNodeName=CM-ANTARES&crNodeID={7332FB46-5806-4483-9212-DC...}) Go Links

### Clusterwide Parameters (Feature - Call Back)

Parameter Name	Parameter Value	Suggested Value
Callback Enabled Flag*	<input type="text" value="True"/>	True
Callback Notification Audio File Name*	<input type="text" value="CallBack.raw"/>	CallBack.raw
Connection Proposal Type*	<input type="text" value="Connection Retention"/>	Connection Retention
Connection Response Type*	<input type="text" value="Default to Connection Retention"/>	Default to Connection Retention
Callback Request Protection Timer (T1) (sec)*	<input type="text" value="10"/>	10
Callback Recall Timer (T3) (sec)*	<input type="text" value="20"/>	20
Callback Calling Search Space	<input type="text" value="&lt; None &gt;"/>	



## CallBack Softkey Configuration

The screenshot shows a web browser window titled "Cisco CallManager 4.1 Administration - Softkey Template Configuration - Microsoft Internet Explorer". The address bar shows the URL: <https://cm-antares/CCMAdmin/softkeytemplateconfig.asp?pkid={F7335677-BAEC-4A69-AEEB-26437BB49891}>. The page content includes a navigation menu with "System", "Route Plan", "Service", "Feature", "Device", "User", "Application", and "Help". The main header features the "Cisco CallManager Administration" logo and the Cisco Systems logo. The page title is "Softkey Template Configuration". On the right side, there are links: [Add New Softkey Template](#), [Configure Softkey Layout](#), [Dependency Records](#), and [Back to Find/List Softkey Templates](#). The main content area displays the configuration for a "Softkey Template: Standard User CallBack" with a status of "Ready". Below this, there are buttons for "Copy", "Update", "Delete", and "Restart Devices". The configuration fields are: "Softkey Template Name\*" (Standard User CallBack), "Description" (Standard Softkey Template for CallManager only), and "Application" (Cisco CallManager). There are also buttons for "Add Application" and "Delete Application". A note at the bottom left states "\* indicates required item".

**Softkey Template: Standard User CallBack**  
Status: Ready

Softkey Template Name\*

Description

Application

\* indicates required item



Cisco CallManager 4.1 Administration - Softkey Layout Configuration - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address <https://cm-antares/CCMAdmin/softkeylayoutconfig.asp?pkid={F7335677-BAEC-4A69-AEEB-26437BB49891}>

System Route Plan Service Feature Device User Application Help

# Cisco CallManager Administration

For Cisco IP Telephony Cisco CallManager 4.1 Administration

**Softkey Layout Configuration** [Softkey Template Configuration](#)

**Call States**

- Connected
- Connected Conference
- Connected Transfer
- Digits After First
- Off Hook
- Off Hook With Feature
- On Hold
- On Hook**
- Remote In Use
- Ring In
- Ring Out

**Softkey Template: Standard User CallBack**

Status: Ready

Unselected Softkeys

- Conference List (30)(ConfList)
- Direct Transfer (28)(DirTrfr)
- Immediate Divert (31)(IDivert)
- Join (15)(Join)
- Quality Report Tool (22)(QRT)
- Remove Last Conference Party (19)
- Select (29)(Select)
- Undefined (0)(Undefined)
- Video Mode Command (33)(VidMod)

Selected Softkeys (ordered by position)\*\*

- Redial (1)(Redial)
- \*\*NewCall (2)(NewCall)
- Forward All (5)(CfwdAll)
- Call Back (20)(CallBack)

\*\* indicates mandatory fields  
\* indicates required item



Cisco CallManager 4.1 Administration - Softkey Layout Configuration - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address <https://cm-antares/CCMAdmin/softkeylayoutconfig.asp?pkid={F7335677-BAEC-4A69-AEEB-26437BB49891}&callState=8> Go Links

System Route Plan Service Feature Device User Application Help

**Cisco CallManager Administration**  
For Cisco IP Telephony Solutions

**Softkey Layout Configuration** [Softkey Template Configuration](#)

**Call States**

- Connected
- Connected Conference
- Connected Transfer
- Digits After First
- Off Hook
- Off Hook With Feature
- On Hold
- On Hook
- Remote In Use
- Ring In
- Ring Out**

**Softkey Template: Standard User CallBack**  
Status: Ready

Unselected Softkeys

Undefined (0)(Undefined)

Selected Softkeys (ordered by position)\*\*

Undefined (0)(Undefined)  
\*\*End Call (9)(EndCall)  
Call Back (20)(CallBack)

\*\* indicates mandatory fields  
\* indicates required item



## Path Replacement Service Parameters

Cisco CallManager 4.1 Administration - Service Parameters Configuration - Microsoft Internet Explorer

Address: [https://cm-antares/CCMAdmin/serviceparameters.asp?crNodeName=CM-ANTARES&crNodeID={7332FB46-5806-44B3-9212-D...](https://cm-antares/CCMAdmin/serviceparameters.asp?crNodeName=CM-ANTARES&crNodeID={7332FB46-5806-44B3-9212-D...})

### Clusterwide Parameters (Feature - Path Replacement)

Parameter Name	Parameter Value	Suggested Value
Path Replacement Enabled*	<input type="text" value="True"/>	False
Path Replacement on Tromboned Calls*	<input type="text" value="True"/>	True
Start Path Replacement Minimum Delay Time (sec)*	<input type="text" value="2"/>	0
Start Path Replacement Maximum Delay Time (sec)*	<input type="text" value="4"/>	0
Path Replacement T1 Timer (sec)*	<input type="text" value="30"/>	30
Path Replacement T2 Timer (sec)*	<input type="text" value="15"/>	15
Path Replacement PINX Id	<input type="text" value="4100"/>	
Path Replacement Calling Search Space	<input type="text" value="PathreplacementCCS"/>	





Cisco CallManager 4.1 Administration - Call Pickup Configuration - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Media

Address Back to Cisco CallManager 4.1 Administration - Find and List Cal Pickup Num {ED1-925E-A229E84F4567} Go Links

System Route Plan Service Feature Device User Application Help

**Cisco CallManager Administration**  
For Cisco IP Telephony Solutions

**Call Pickup Configuration**

[Add a New Call Pickup Number](#)  
[Back to Find/List Call Pickup Numbers](#)  
[Dependency Records](#)

**Call Pickup Number: 4100 - Phones**

Status: Ready

Copy Update Delete

Cal Pickup Number\* 4100

Description

Partition Phones

\* indicates required item



### Forward by Reroute Service Parameter

Cisco CallManager 4.1 Administration - Service Parameters Configuration - Microsoft Internet Explorer

Address: [https://cm-antares/CCMAdmin/serviceparameters.asp?crNodeName=CM-ANTARES&crNodeID={7332FB46-5806-44B3-9212-D...](https://cm-antares/CCMAdmin/serviceparameters.asp?crNodeName=CM-ANTARES&crNodeID={7332FB46-5806-44B3-9212-D...})

#### Clusterwide Parameters (Feature - Forward)

Parameter Name	Parameter Value	Suggested Value
Forward Maximum Hop Count*	<input type="text" value="12"/>	12
Forward No Answer Timer (sec)*	<input type="text" value="12"/>	12
Max Forward Hops to DN*	<input type="text" value="12"/>	12
Retain Forward Information*	<input type="text" value="False"/>	False
Forward By Reroute Enabled*	<input type="text" value="True"/>	False
Forward By Reroute T1 Timer (sec)*	<input type="text" value="10"/>	10



## IP phone Configuration

Cisco CallManager 4.1 Administration - Phone Configuration - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address <https://cm-antares/CCMAdmin/phoneconfig.asp?pkid={9F73B698-76CB-4C49-8798-C35DEDB9613F}> Go Links

# Phone Configuration

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

**Directory Numbers**

**Base Phone**

- Line 1 - 4000 in Phones
- Line 2 - Add new DN

**Phone: SEP00024BCCE045 (Auto 4000)**  
**Registration: Registered with Cisco CallManager CM-ANTARES**  
**IP Address: 172.20.237.101**  
Status: Ready

Copy Update Delete Reset Phone

**Phone Configuration (Model = Cisco 7960)**

**Device Information**

MAC Address*	00024BCCE045
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
Signal Packet Capture Mode	None
Packet Capture Duration	0
Built In Bridge	Default
Privacy	Default

Retry Video Call as Audio  
 Ignore Presentation Indicators (internal calls only)

**Phone Button Template Information**

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

**Softkey Template Information**

Softkey Template Standard User CallBack

**Expansion Module Information**

Done Local intranet



Cisco CallManager 4.1 Administration - Phone Configuration - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address <https://cm-antares/CCMAdmin/phoneconfig.asp?pkid={9F73B698-76CB-4C49-8798-C35DEDB9613F}> Go Links

**Expansion Module Information**

Module 1

Module 2

**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

**Certification Authority Proxy Function (CAPF) Information**

Certificate Operation

Authentication Mode

Authentication String

Key Size (bits)

Operation Completes By\*\*  :  :  :  (YYYY : MM : DD : HH )

Certificate Operation Status : None

**Multilevel Precedence and Preemption (MLPP) Information**

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

MLPP Indication

MLPP Preemption

Local intranet



Cisco CallManager 4.1 Administration - Phone Configuration - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address <https://cm-antares/CCMAdmin/phoneconfig.asp?pkid={9F73B698-76CB-4C49-8798-C35DEDB9613F}>

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

### Certification Authority Proxy Function (CAPF) Information

Certificate Operation

Authentication Mode

Authentication String

Key Size (bits)

Operation Completes By\*\* 

Certificate Operation Status : None

### Multilevel Precedence and Preemption (MLPP) Information

MLPP Domain 

MLPP Indication

MLPP Preemption

### Product Specific Configuration i

Disable Speakerphone

Disable Speakerphone and Headset

Forwarding Delay\*

PC Port\*

Settings Access\*

Gratuitous ARP\*

PC Voice VLAN Access\*

Video Capabilities\*

Auto Line Select\*

Web Access\*

\* indicates a required item.  
\*\* Indicates time on Publisher.

[Back to top of page](#)  
[Back to Find/List Phones](#)



Cisco CallManager 4.1 Administration - Directory Number Configuration - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address <https://cm-antares/CCMAdmin/directorynumber.asp?NumPlanMapID={124F2B7C-A16A-4BBC-BD3B-F1B35443BCD4}> Go Links

## Directory Number Configuration

[Configure Device \(SEP00024BCCE045\)](#)  
[Dependency Records](#)

**Associated With**  
SEP00024BCCE045  
7960 (Line 1)

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

**Directory Number**

Directory Number\*   
Partition

**Directory Number Settings**

Voice Mail Profile   
(Choose <None> to use default)

Calling Search Space   
AAR Group   
User Hold Audio Source   
Network Hold Audio Source   
Auto Answer

**Call Forward and Pickup Settings**

	Voice Mail	Coverage/ Destination	Calling Search Space
Forward All	<input type="checkbox"/>	<input type="text"/>	<input type="text" value="&lt; None &gt;"/>
Forward Busy Internal	<input type="checkbox"/>	<input type="text"/>	<input type="text" value="&lt; None &gt;"/>
Forward Busy External	<input type="checkbox"/>	<input type="text"/>	<input type="text" value="&lt; None &gt;"/>
Forward No Answer Internal	<input type="checkbox"/>	<input type="text"/>	<input type="text" value="&lt; None &gt;"/>
Forward No Answer External	<input type="checkbox"/>	<input type="text"/>	<input type="text" value="&lt; None &gt;"/>
Forward No Coverage Internal	<input type="checkbox"/>	<input type="text"/>	<input type="text" value="&lt; None &gt;"/>
Forward No Coverage External	<input type="checkbox"/>	<input type="text"/>	<input type="text" value="&lt; None &gt;"/>
No Answer Ring Duration	<input type="text"/>	(seconds)	
Call Pickup Group	<input type="text" value="&lt; None &gt;"/>		

**MLPP Alternate Party Settings**

Target (Destination)   
Calling Search Space   
No Answer Ring Duration  (seconds)

**Line Settings for all Devices**

<https://cm-antares/CCMAdmin/phoneconfig.asp?pkid={9F73B698-76CB-4C49-8798-C35DED89613F}&Action=L> Local intranet



Cisco CallManager 4.1 Administration - Directory Number Configuration - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address: https://cm-antares/CCMAdmin/directorynumber.asp?NumPlanMapID={124F2B7C-A16A-4BBC-BD3B-F1B35443BCD4}

Forward No Answer Internal  [ ] < None >

Forward No Answer External  [ ] < None >

Forward No Coverage Internal  [ ] < None >

Forward No Coverage External  [ ] < 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 all Devices**

Alerting Name John Smith

**Line Settings for this Device**

Display (Internal Caller ID) John Smith

Line Text Label John Smith

External Phone Number Mask [ ]

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)



## Configuring the 2650XM\_E1 MGCP Router Configuration (delete if Cisco Catalyst)

```
2650XMB4_E1#show runing-config
```

```
Building configuration...
```

```
Current configuration : 2217 bytes
```

```
!  
version 12.3  
service timestamps debug uptime  
service timestamps log uptime  
no service password-encryption  
!  
hostname 2650XMB4_E1  
!  
boot-start-marker  
boot-end-marker  
!  
!  
voice-card 1  
!  
no aaa new-model  
ip subnet-zero  
ip tcp synwait-time 13  
!  
!  
no ip domain lookup  
ip host whiz 171.69.1.162  
ip host dirt 171.69.1.129  
ip host danube 171.69.17.14  
ip host CM-ANTARES 172.20.237.254  
ip name-server 172.20.237.254  
!  
ip cef  
isdn switch-type primary-qsig  
!  
!  
voice call carrier capacity active  
!  
!  
!  
!  
!  
!  
no voice hpi capture buffer  
no voice hpi capture destination  
!  
!  
ccm-manager mgcp  
ccm-manager music-on-hold  
ccm-manager config server CM-ANTARES  
ccm-manager config  
!  
!
```





```
controller E1 1/0
  pri-group timeslots 1-31 service mgcp
!
controller E1 1/1
  pri-group timeslots 1-31 service mgcp
!
!
!
interface FastEthernet0/0
  ip address 172.20.5.2 255.255.255.0
  duplex auto
  speed auto
!
interface Serial1/0:15
  no ip address
  no logging event link-status
  isdn switch-type primary-qsig
  isdn protocol-emulate network
  isdn incoming-voice voice
  isdn bind-13 ccm-manager
  no cdp enable
!
interface Serial1/1:15
  no ip address
  no logging event link-status
  isdn switch-type primary-qsig
  isdn incoming-voice voice
  isdn bind-13 ccm-manager
  isdn bchan-number-order ascending
  no cdp enable
!
ip http server
ip classless
ip route 0.0.0.0 0.0.0.0 FastEthernet0/0
ip route 0.0.0.0 0.0.0.0 172.20.31.1
ip route 0.0.0.0 0.0.0.0 172.20.33.1
ip route 0.0.0.0 0.0.0.0 172.20.237.1
!
!
dialer-list 1 protocol ip permit
!
!
!
voice-port 1/0:15
!
voice-port 1/1:15
!
mgcp
mgcp call-agent CM-ANTARES 2427 service-type mgcp version 0.1
mgcp dtmf-relay voip codec all mode out-of-band
mgcp rtp unreachable timeout 1000 action notify
mgcp package-capability rtp-package
no mgcp package-capability res-package
```



```
mgcp package-capability sst-package
no mgcp package-capability fxr-package
no mgcp timer receive-rtcp
mgcp sdp simple
mgcp fax t38 inhibit
mgcp rtp payload-type g726r16 static
!
mgcp profile default
!
!
!
dial-peer cor custom
!
!
!
dial-peer voice 1 pots
  application mgcpapp
  port 1/0:15
!
dial-peer voice 2 pots
  application mgcpapp
  port 1/1:15
!
!
line con 0
line aux 0
line vty 0 4
  login
line vty 5 15
  login
!
!
!
end
```

```
2650XMB4_E1#
2650XMB4_E1#
2650XMB4_E1#
2650XMB4_E1#
2650XMB4_E1#
```



## Acronyms

Acronym	Definitions
ANF-PR	Additional Network Feature Path Replacement
AOC	Advice-of-charge. Information element is sent with the connection setup information for incoming Euro-ISDN connections. The AOC IE is used for call charge calculation.
CCM	Cisco Unified CallManager
CCBS	Call Completion to Busy Subscriber
CCNR	Call Completion on No Reply
CFB	Call Forwarding on Busy
CFNR	Call Forwarding No Reply
CFU	Call Forwarding Unconditional
CLIP	Calling Line (Number) Identification Presentation
CLIR	Calling Line (Number) Identification Restriction
CMM	Communication Media Module (CMM) is a Cisco Catalyst® 6500 Series and Cisco 7600 Series line card that provides flexible and high-density T1/E1 gateways
CNIP	Calling Name Identification Presentation
CNIR	Calling Name Identification Restriction
COLP	Connected Line (Number) Identification Presentation
COLR	Connected Line (Number) Identification Restriction
CONP	Connected Name Identification Presentation
CONR	Connected Name Identification Restriction
CT	Call Transfer
MWI	Message Waiting Indicator
PSTN	Public Switched Telephone Network

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