



Alcatel Omni PCX 4400 Release 6.0 with SIP Trunk to Cisco Unified CallManager Release 5.0

December 13, 2006 Initial Release

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Introduction

The purpose of this document is to detail the steps and configuration necessary for Cisco Unified CallManager 5.0 to interoperate with the Alcatel Omni PCX 4400 running software release 6.0 via SIP Trunk. It also includes information on interoperability issues, features and limitation with this type of integration.



Network Topology

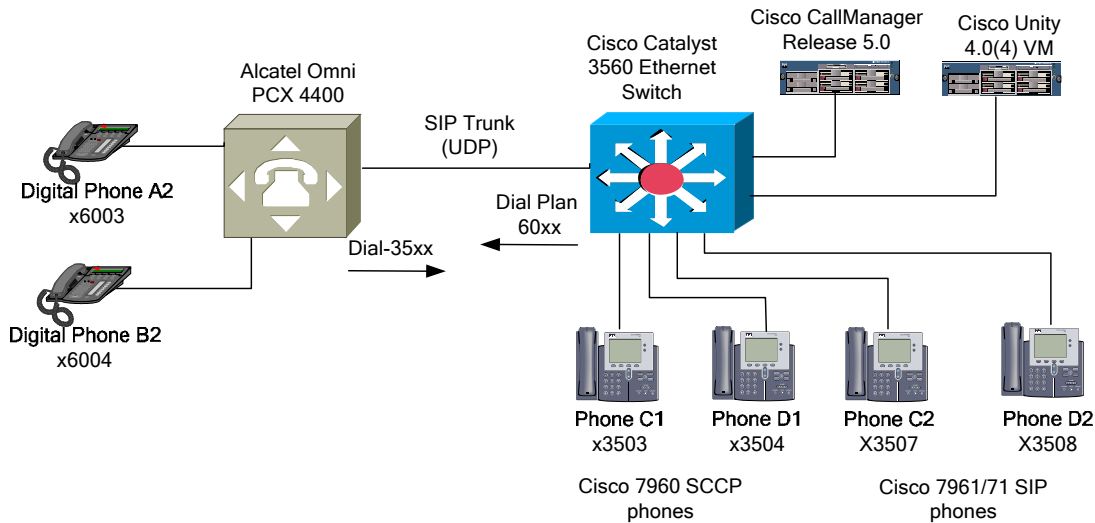
Cisco Unified

Boxes wrong

Switch

PBX

Figure 1. Network Topology



Limitations

Alcatel Omni PCX 4400 acts a SIP Proxy server whereas Cisco Unified CallManager (CUCM) acts as a SIP Back-to-Back User-Agent (B2B-UA).

“Media Termination Point Required” check box must be enabled on the CUCM SIP Trunk for basic call to work. Without MTP check box on the SIP trunk, CUCM is performing “delay-media” and Alcatel call server reject the call with a SIP 488 error message. It seems like Alcatel does not support SIP delay media connection, therefore, the “Media Termination Point Required” checkbox must be enabled under the SIP Trunk configuration in order for the two systems to interoperate successfully.

“Redirect by Application” checkbox must be enable under the SIP Profile used by the SIP Trunk in order for External Call Forwarding to work properly.

For CLIP and CNIP features:

- Alcatel Omni PCX 4400 with software release 6.0 does not support passing the name and number information across the Public SIP trunk using “P-Asserted-Id” or “Remote-Party-Id” fields. CUCM on the other hand, does support the feature using “Remote-Party-Id” field to pass the name and number information across the SIP Trunk. As a result of the differences, both systems will use the information from the SIP INVITE From header as the caller information.

For CLIR and CNIR features:

- Alcatel Omni PCX 4400 with software release 6.0 does not support Calling Name and Number Restriction across the Public SIP Trunks using “P-Asserted-Id” with “privacy” or “Remote-Party-Id” with “privacy” fields. CUCM does support these features using the “Remote-Party-Id” and “privacy” fields.



For COLP, CONP, COLR and CONR features:

- Alcatel Omni PCX 4400 with software release 6.0 does not support Connected Name and Number presentation and/or restriction across the Public SIP Trunk. CUCM does support these features using "Remote-Party-Id" and "privacy" fields.



For Alerting Name:

- Alcatel Omni PCX 4400 with software release 6.0 does not support Alerting Name feature support across Public SIP Trunk. CUCM does support Alerting Name feature using “Remote-Party-Id” field. Since both systems do not interoperate with one another, both systems kept the dialed number on the phone.

For SIP Blind Call Transfer:

- Both Alcatel Omni PCX 4400 phones and Cisco Unified CallManager TNP phones (7961, 7970, 7971 and 7911) do not support SIP Blind Call Transfer. With SIP Blind Call Transfer, the transferor places the original call on hold and dials the target. The transferor then uses SIP signaling to redirect the transferee to the target. There is no call made to the target prior to transfer. The timing of when the transferor drops out of the call depends on the transferor’s implementation of this feature, but most likely the drop occurs when the transferor is notified that the redirect operation was accepted.

For Attended Call Transfer:

- Both systems support Attended Call Transfer feature where the transferor places the transferee on hold and calls the target. After conversing with the target, the transferor completes the transfer and drops out of both calls. The transferee is automatically taken off of hold and connected to the target. However, they are not able to update the phone displays properly after the transfer is completed. This is due to the differences between the two systems method of passing the name and number information across SIP Trunk.

For Early Attended Call Transfer:

- Both systems support Early Attended Call Transfer feature but there are some interoperability issues with the Alcatel Omni PCX 4400 software with their SIP software stack. With Early Attended Transfer, the transferor places the original call on hold and calls the target. Upon hearing ring-back tone, the transferor transfers the call to the target and drops out of both calls. The transferee hears ring back while the target’s phone is alerting. When the target answers, a connection is established between transferee and target.
- One example of call transfer failed to complete is for Early Attended Local Call Transfer (where Alcatel phones are the transferor and the target phone). The call scenario is when CUCM SCCP phone (3503) calls Alcatel digital phone (6003) and 6003 perform early attended transfer to another Alcatel digital phone (6004). From an external sniffer trace capture, it looks like there is an Alcatel software issue with not sending CUCM the right dialog to be replaced within the SIP Refer message. To Alcatel phone 6003, there are 2 dialogs. One is from the SCCP 3503 to Alcatel 6003 which is D1. The other one is Alcatel 6003 to Alcatel 6004 which is D2. The issue is Alcatel 6003 send a SIP Refer w/replaces header to SCCP 3503 for the D1 dialog (to replace itself). It should have sent a SIP Refer w/replaces header to replace Alcatel 6004 (D2 dialog). Since Alcatel phone 6003 sends Refer w/replaces to CUCM with D1 (instead of D2), CUCM software logic think this dialog is its own dialog and thus reject this Refer/replaces call. If Alcatel phone 6003 would have send to CUCM a SIP Refer w/replaces with D2, CUCM would have send a SIP Invite w/replaces with D2 to Alcatel PBX via the SIP trunk to replace Alcatel 6003 D1 dialog.
- Another example of call transfer failed to complete is for Early Attended Network Call transfer (where Alcatel phone is the transferor and CUCM phones are the calling party and target phone). The call scenario is when CUCM SCCP phone (3503) calls Alcatel digital phone (6003) and 6003 perform early attended network call transfer back to another CUCM SCCP digital phone (3504). Alcatel send a SIP Refer message with an incorrect Refer-To header. In the SIP Refer message, the Refer-To header has “sip:SIP_2@172.20.9.250”. The host portion of the SIP URL has “SIP_2” which is the SIP trunk group name configured on the Alcatel Onmi PCX Call Server. It should have been populated with the CUCM transferred-to party phone information instead. This issue might be related to Alcatel software release defect id: XTSc61919 which indicate that their software SIP stack should use re-INVITE method instead of Refer message for Public SIP Trunk. This Public SIP Trunk feature will be available with their next software release.

For Local Call Forwarding (CFU, CFB, and CFNA):

- Both systems support Local Call Forwarding (CFU, CFB, and CFNA) features. Calls are forwarded properly and establish audio path. However, they are not able to update the phone display properly after the call is forwarded because the two systems have different methods of passing the name and number information.

For Network Call Forwarding (CFU, CFB, and CFNA):

- There are interoperability issues between the two systems depending on the call flow.
- For CFU and CFB call scenario where Alcatel station is the forwarding station, it required CUCM to have the “Redirect by Application” checkbox enabled under the SIP Profile used by the SIP Trunk to the Alcatel Call Server. For example, for the call



flow where CUCM SCCP phone (3503) calls Alcatel digital phone (6003) and 6003 perform CFU or CFB back to another CUCM SCCP phone (3504), without the checkbox enabled, the call would fail. Analysis of the sniffer trace capture for the call shows CUCM sends out a regular SIP Invite message to Alcatel. Alcatel respond back with SIP 302 Move Temporarily with Contact header "sip:3504@172.20.9.250". CUCM then send a new SIP Invite message to Alcatel based on the Contact header information. Alcatel again respond back with SIP 301 Move Permanently with a different Contact header "sip:3504@172.20.150.251". CUCM perform digit analysis on the information in the contact header and send out another SIP INVITE to itself. CUCM then failed the call with SIP 500 Internal Server Error message because incoming SIP Invite request came from a source address that doesn't match a configured SIP trunk in the CUCM database and thus the call will get rejected. To resolved this issue, we need to either add a SIP trunk on the CUCM to itself so that it would pass the source address validation or enable/check the "Redirect by Application" checkbox under the SIP Profile used by the SIP Trunk to the Alcatel PBX. With the "Redirect by Application" checkbox enabled, CUCM uses a different application layer which has the necessary information and is smart enough to do a "CUCM internal" join call without the need to do CUCM to CUCM SIP Invite hairpin call.

- For CFNA call scenario where Alcatel station is the forwarding device, one way audio is encountered. The call flow is CUCM SCCP phone (3503) calls Alcatel digital phone (6003) and 6003 perform CFNA back to another CUCM SCCP phone (3504). This issue occurred independent of whether the "Redirect by Application" checkbox is enabled or not. Audio path work fine in the direction of forwarded-to party (3504) to the calling party (3503) but not vice versa. From the sniffer trace capture for the call, it showed that Alcatel sends different RTP port in the SDP section of the SIP 180 Ringing message vs the SIP 200 OK message. This is not legal per SIP RFC3261 where it's state the following "If the initial offer is in an INVITE, the answer MUST be in a reliable non-failure message from UAS back to UAC which is correlated to that INVITE. For this specification, that is only the final 2xx response to that INVITE. That same exact answer MAY also be placed in any provisional responses sent prior to the answer. The UAC MUST treat the first session description it receives as the answer, and MUST ignore any session descriptions in subsequent responses to the initial INVITE."
- For CFU, CFB and CFNA call scenarios where CUCM phone is the forwarding device, one way audio is encountered but for a different reason. As an example, for the call flow where Alcatel phone (6003) call CUCM phone (3503) and 3503 perform a CFNA back to another Alcatel phone (6004), one-way audio occurred. Audio path work fine in the direction of the calling party (6003) to the forwarded-to party (6004) but not the other way. This one-way audio issue depends on when the forwarded-to party answered the call. If the forwarded-to party answers the call on the first ring, then audio works fine in both direction. If the forwarded-to party answers the call after the 2nd ring, then one-way audio occurred. From the sniffer trace capture and further analysis, it was determined that the root cause of the issue is due to ICMP port unreachable errors received from the Alcatel PBX on the original call leg during the alerting state of the call forwarding. For the call which the forwarded-to party answers the call after the 2nd ring, there were ICMP port unreachable error messages sent by the Alcatel PBX to the CUCM. After a certain amount of ICMP port unreachable error message received within a certain time frame, CUCM will stop transmitting the RTP packets toward the Alcatel PBX, therefore this led to the one way audio issue. We are not sure as to why Alcatel sends ICMP port unreachable during the call forwarding timeframe.

For Call Conference:

- Both systems support call conferencing using their local media resources. However, if Alcatel station is the conferencing party, local conference will work fine but network conference encounter one-way audio issue. For example, a network conference call where Alcatel station conference in a CUCM station via the SIP trunk, one-way audio occurred between the conference-in party and the rest of the other parties. Analysis of the sniffer trace capture showed when the Alcatel station perform the conference, Alcatel send out a SIP INVITE message to CUCM with SDP parameter "a=sendonly". Alcatel did not sent any additional SIP signaling message to change the SDP parameter to "a=sendrecv" for the call leg. As a result, one way audio occurred.

No support for centralized voice messaging across the SIP Trunk. CUCM uses SIP Diversion header to pass the redirect information across the SIP Trunk. However, Alcatel Omni PCX 4400 does not support SIP Diversion header. Therefore, without the redirect information, Centralized Voice Messaging will not work.

No support for MWI- Message Waiting Indication (lamp ON, lamp OFF) across the SIP Trunk. CUCM uses SIP Notify message with SDPinfo Message Waiting=yes/no for MWI notification. Alcatel Omni PCX 4400 does not support MWI across their SIP Trunk and will not interpret those SIP signaling messages.

RFC2833 - Dynamic RTP Payload Type for DTMF-relay :

- There is an interoperability issue with Alcatel Omni PCX 4400 regarding the RFC2833-Dynamic RTP Payload Type for DTMF-relay feature. For outbound call, Alcatel Omni PCX 4400 does not advertise the support for RFC2833 to CUCM. Therefore, when digits are pressed on the Alcatel digital station, Alcatel media gateway pass the DTMF tones via in-band within the RTP packets using the voice codec negotiated. Cisco Unified CallManager or Cisco Unity currently does not support the passing of DTMF digits in-band via the voice codec. The DTMF digits will be treated the same as the caller voice stream and will not be interpret as DTMF events. For inbound call, if the incoming SIP INVITE message contained SDP parameter for the support of



RFC2833 DTMF-relay event, Alcatel Omni PCX 4400 will support it. However, Alcatel does not acknowledge this support back to the originator device. As a result, the originating side assumes RFC2833 DTMF-relay feature is not supported since there was no acknowledge back. Therefore, any RFC2833 DTMF-relay event packets send by Alcatel will be treated as regular voice stream packet and not DTMF-relay digits. In summary, since RFC2833-Dynamic RTP Payload Type for DTMF-relay feature was not properly negotiated by both side, Alcatel should not have send out digits via RFC2833.

System Components

Hardware Requirements

- Cisco Unified CallManager MCS -7835H server,
- Unity server MCS-7835H
- Catalyst switch 3560
- Cisco IP Phones 7970, 7971, and 7960
- Alcatel Omni PCX 4400 PBX with INT-IP2 card
- Alcatel digital phone (4035)

Software Requirements

- Cisco Unified CallManager Release 5.0.4
- Cisco Unity Release 4.0(4)
- Alcatel software R6.0 (f1.602)
- c3560-i5-mz.122-20.EX.bin

Features

Features Supported

- CLIP-Calling Line (Number) Identification Presentation (Please see the Limitation section)
- CLIR-Calling Line (Number) Identification Restriction (Please see the Limitation section)
- CNIP-Calling Name Identification Presentation (Please see the Limitation section)
- CNIR-Calling Name Identification Restriction (Please see the Limitation section)
- Alerting Name (Please see the Limitation section)
- Attended Call Transfer (Please see the Limitation section)
- Early Attended Call Transfer (Please see the Limitation section)
- CFU-Call Forwarding Unconditional (Please see the Limitation section)
- CFB-Call Forwarding Busy (Please see the Limitation section)
- CFNA-Call Forwarding No Answer (Please see the Limitation section)
- COLP-Connected Line (Number) Identification Presentation (Please see the Limitation section)
- COLR- Connected Line (Number) Identification Restriction (Please see the Limitation section)
- CONP-Connected Name Identification Presentation (Please see the Limitation section)
- CONR-Connected Name Identification Restriction (Please see the Limitation section)
- Hold and Resume
- Conference Call (Please see the Limitation section)



DTMF-relay using RFC2833 (Please see the Limitation section)

Features Not Supported

MWI- Message Waiting Indication (lamp ON, lamp OFF) across the SIP Trunk

Call Completion (Callback; Automatic Callback)

Blind Call Transfer

Callback feature via the SIP trunk

Configuration

Configuration Sequence and Tasks

Alcatel Call Server Configuration:

1. Alcatel Omni PCX 4400 Software Version and Hardware Configuration List
2. Configure SIP Network: Translator → Network Routing Table
3. Configure SIP Trunk group
4. Configure T2 Trunk Group Type
5. Configure Virtual Access for SIP
6. Configure Alcatel SIP Gateway
7. Configure Alcatel SIP Proxy setting
8. Configure SIP External Gateway
9. Configure IP Parameters
10. Configure GF diversion on joining
11. Configure call routing (Translator) to Cisco CallManager phone extensions
12. Configure Alcatel standard users (digital stations)

Cisco Unified CallManager:

1. Cisco Unified CallManager Software Version
2. Enterprise Parameter Top Level Domain Setting
3. SIP Trunk Security Profile
4. SIP Phone Security Profile
5. SCCP Phone Security Profile
6. SIP Profile for SIP Trunk to Alcatel Call Server/Proxy Server
7. Standard SIP Profile
8. Media Resource Group
9. Media Resource Group List
10. Assigned MGRL in the Default Device Pool
11. SIP Trunk to Alcatel Call Server/Proxy Server
12. SIP and SCCP Device Level and DN Level configuration
13. Route Pattern to Alcatel phone extensions
14. Voice Mail Ports for Unity Voice Mail system
15. Voice Mail Pilot for Unity Voice Mail system
16. Voice Mail Profile for Unity Voice Mail system
17. Voice Mail MWI ON and OFF for Unity Voice Mail system
18. Voice Mail Line Group
19. Voice Mail Hunt List
20. Voice Mail Hunt Pilot

Cisco Unity:

1. Cisco Unity software version
2. Cisco Unity Integration with Cisco Unified CallManager
3. Cisco Unity Voice Mail ports



Alcatel Omni PCX 4400 Configuration

Alcatel Omni PCX 4400 Software Version and Hardware Configuration List:

The screenshot displays the configuration tool interface for the Alcatel OmniPCX 4400. The search criteria are set to 'OmniPCX 4400' in the 'Lab' environment. The search results table shows the following details for the node 'compedia f1.602':

Property	Value
PCX Release	f1.602
PCX Patch ID	3
MIB Delivery	f1.602
MIB Patch ID	3

The interface also shows a navigation pane on the left with a tree view containing 'nmc', 'compidea', 'Lab', 'compedia f1.602', and 'nextiraone'. At the bottom, there are tabs for 'PCX', 'Organization', 'Connectivity', 'Data Collection', and 'Version', with 'Version' currently selected. The status bar at the bottom indicates the time as 10:50 AM.



Configure SIP Network: Translator → Network Routing Table:

- Ensure the sub-network number used by SIP sets and SIP trunk group have the “Protocol Type = ABC_F”

The screenshot shows the Cisco Configuration Manager interface for a device named 'compedia'. The left pane shows a tree view of the configuration hierarchy, with 'Network Routing Table' expanded to show a list of entries. Entry '12.1 ABC_F 11 0-1-1' is selected. The right pane shows the configuration details for this entry, with the 'Protocol Type' set to 'ABC_F'. The bottom pane shows a command prompt with the following output:

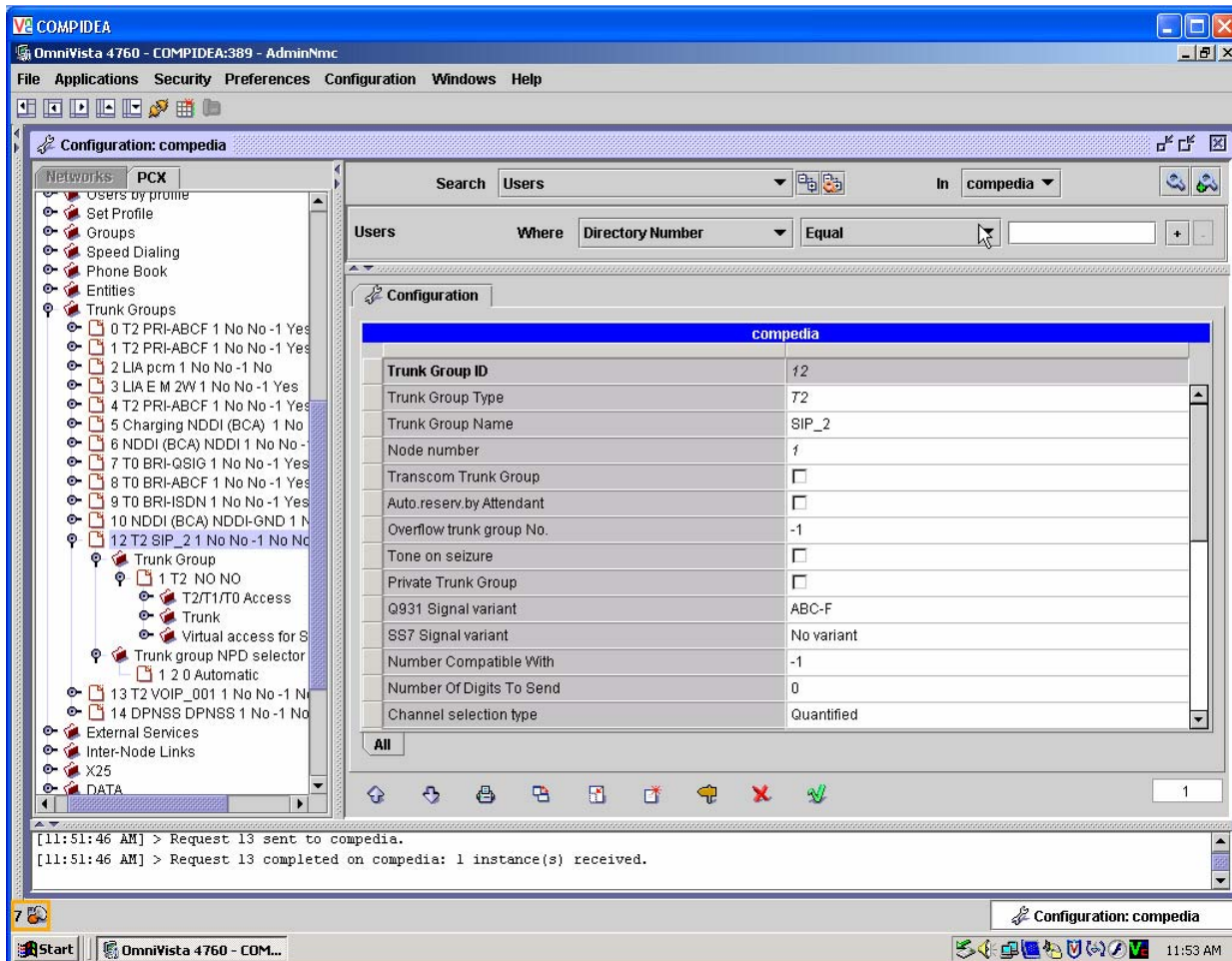
```
[1:35:11 PM] > Request 20 sent to compedia.  
[1:35:12 PM] > Request 20 completed on compedia: 1 instance(s) received.
```

compedia:1	
Network Number	12
Rank of First Digit to be Sent	1
Incoming identification prefix	
Protocol Type	ABC_F
Numbering 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



Configure SIP Trunk group:

- Trunk Group ID: Enter the trunk group number
- Trunk Group Type: T2
- Remote Network: Enter the sub-network number associated with the trunk group.
- Node number: Enter the node number
- Q931 signal variant: Select ABC-F for the main SIP trunk group
- T2 Specification: SIP
- Overlap dialing: No





COMPIDEA
OmniVista 4760 - COMPIDEA:389 - AdminNmc

File Applications Security Preferences Configuration Windows Help

Configuration: compedia

Search Users In compedia

Users Where Directory Number Equal

compedia	
Trunk Group ID	12
Number Of Digits To Send	0
Channel selection type	Quantified
Remote Network	12
Shared Trunk Group	<input type="checkbox"/>
Auto.DTMF dialing on outgoing call	YES
T2 Specification	SIP
Public Network COS	18
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

All

[1:35:11 PM] > Request 20 sent to compedia.
[1:35:12 PM] > Request 20 completed on compedia: 1 instance(s) received.

Configuration: compedia

Start | OmniVista 4760 - COM... | 1:36 PM



COMPIDEA
OmniVista 4760 - COMPIDEA:389 - AdminNmc

File Applications Security Preferences Configuration Windows Help

Configuration: compedia

Search Users In compedia

Users Where Directory Number Equal

Configuration

compedia	
Trunk Group ID	12
T2 Specification	SIP
Public Network COS	18
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
Overlap dialing	NO

All 1

[12:02:28 PM] > Request 17 sent to compedia.
[12:02:29 PM] > Request 17 completed on compedia: 1 instance(s) received.

Configuration: compedia

Start OmniVista 4760 - COM... 12:03 PM



Configure T2 Trunk Group Type:

IP Compression Type: G.711

The screenshot shows the COMPIDEA configuration interface. The left pane displays a tree view of configuration options under 'Trunk Groups', with '1 T2 NO NO' selected. The right pane shows the configuration details for 'compedia:12'.

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	18
Sending of Progress message	YES
No. of digits unused (ISDN)	4
B Channel Choice	NO
Channels: Attendant Control (Rsvd)	0

At the bottom of the window, a command prompt shows the following output:

```
[1:41:19 PM] > Request 23 sent to compedia.  
[1:41:19 PM] > Request 23 completed on compedia: 1 instance(s) received.
```



COMPIDEA
OmniVista 4760 - COMPIDEA:389 - AdminNmc

File Applications Security Preferences Configuration Windows Help

Configuration: compedia

Search Users In compedia

Users Where Directory Number Equal

Configuration

compedia:12	
Instance (reserved)	1
B Channel Choice	NO
Channels: Attendant Control (Rsvd)	0
Redirection For ACD (Dissuasion)	NO
DTO joining	NO
Consultation Call On B Channel	NO
Automated Attendant	NO
Calling party Rights COS	0
Entity Number	0
TS Overflow	YES
Number To Be Added	
Supervised by Routing	NO
VPN Cost Limit for Incom.Calls	0
Immediate Trk Listening if VPNCall	YES

All Action

[1:41:19 PM] > Request 23 sent to compedia.
[1:41:19 PM] > Request 23 completed on compedia: 1 instance(s) received.

Configuration: compedia

Start | OmniVista 4760 - COM... | 2:08 PM



COMPIDEA
OmniVista 4760 - COMPIDEA:389 - AdminNmc

File Applications Security Preferences Configuration Windows Help

Configuration: compedia

Search Users In compedia

Users Where Directory Number Equal

Configuration

compedia:12	
Instance (reserved)	1
Immediate Trk Listening if VPNCall	YES
VPN TS %	50
CSTA-Monitored	NO
Max.% of trunks out CCD	0
Charge Calling And ADN Creation	YES
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

All Action

[1:41:19 PM] > Request 23 sent to compedia.
[1:41:19 PM] > Request 23 completed on compedia: 1 instance(s) received.

Configuration: compedia

Start OmniVista 4760 - COM... 2:10 PM



COMPIDEA
OmniVista 4760 - COMPIDEA:389 - AdminNmc

File Applications Security Preferences Configuration Windows Help

Configuration: compedia

Search Users In compedia

Users Where Directory Number Equal

Configuration

compedia:12	
Instance (reserved)	1
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	G 711
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

[1:41:19 PM] > Request 23 sent to compedia.
[1:41:19 PM] > Request 23 completed on compedia: 1 instance(s) received.

Configuration: compedia

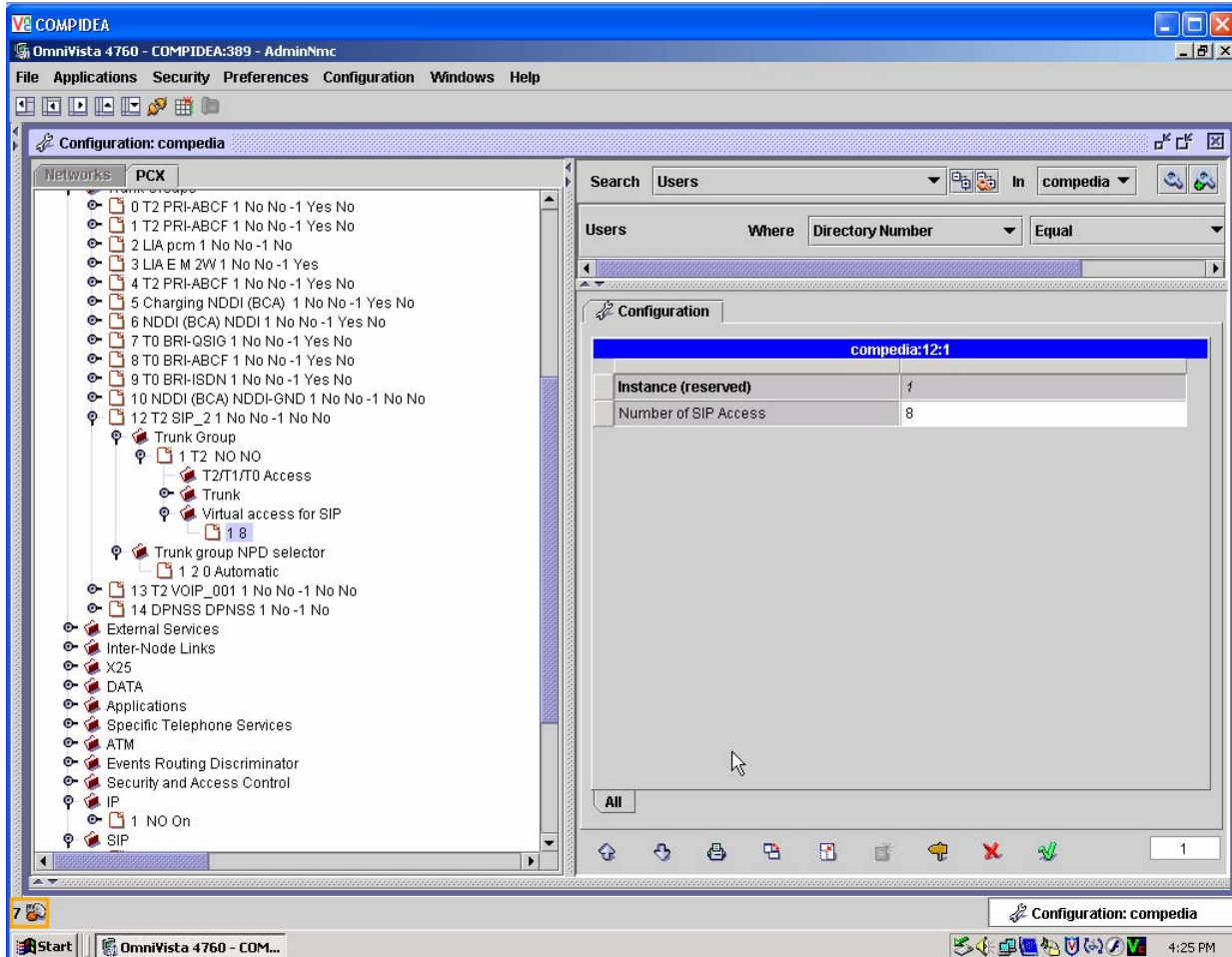
Start | OmniVista 4760 - COM... | 2:11 PM



Configure Virtual Access for SIP:

Number of SIP Access: When a SIP trunk group is created, a pair of accesses is automatically created.

Note: Two SIP accesses allow 60 simultaneous calls on the trunk group.





Configure Alcatel SIP Gateway:

This is Alcatel SIP Call Server configuration:

SIP Subnetwork: Enter the sub-network number used by SIP sets and SIP trunk group

SIP Trunk Group: Enter the SIP trunk group number

IP Address: Enter the IP Address of the Alcatel Call Server

SIP Port Number: Enter the TCP or UDP port number use for SIP signaling message

SIP Proxy Port Number: Enter the SIP Proxy TCP/UDP port number

The screenshot shows the COMPIDEA configuration window. The left pane displays a tree view of configuration categories, with 'SIP Gateway' selected under the 'SIP' category. The right pane shows the configuration details for 'compedia:1'.

compedia:1	
Instance (reserved)	1
SIP Subnetwork	11
SIP Trunk Group	12
IP Address	172.20.9.250
Machine name - Host	Compidea
SIP Port Number	6060
SIP Proxy Port Number	5060
SIP Subscribe Min Duration	1800
SIP Subscribe Max Duration	86400
DNS local domain name	
SIP DNS1 IP Address	
SIP DNS2 IP Address	



Configure Alcatel SIP Proxy setting:

The screenshot shows the COMPIDEA configuration interface. The left pane displays a tree view of configuration objects, with 'SIP Proxy' selected under the 'SIP' category. The right pane shows the configuration for 'compedia:1'.

compedia:1	
Instance (reserved)	1
SIP initial time-out	500
SIP timer T2	4000
SIP connection duration	180000
Recursive search	<input type="checkbox"/>
Minimal authentication method	SIP None
Authentication realm	
Only authenticated incoming calls	<input type="checkbox"/>



Configure SIP External Gateway:

This is Cisco CallManager server configuration

SIP Remote Domain: Enter the IP address or FQDN of Cisco CallManager server

SIP Port Number: Enter the TCP or UDP port number use by Cisco CallManager for SIP signaling message

SIP Transport type: Enter TCP or UDP as the transport protocol use for SIP signaling.

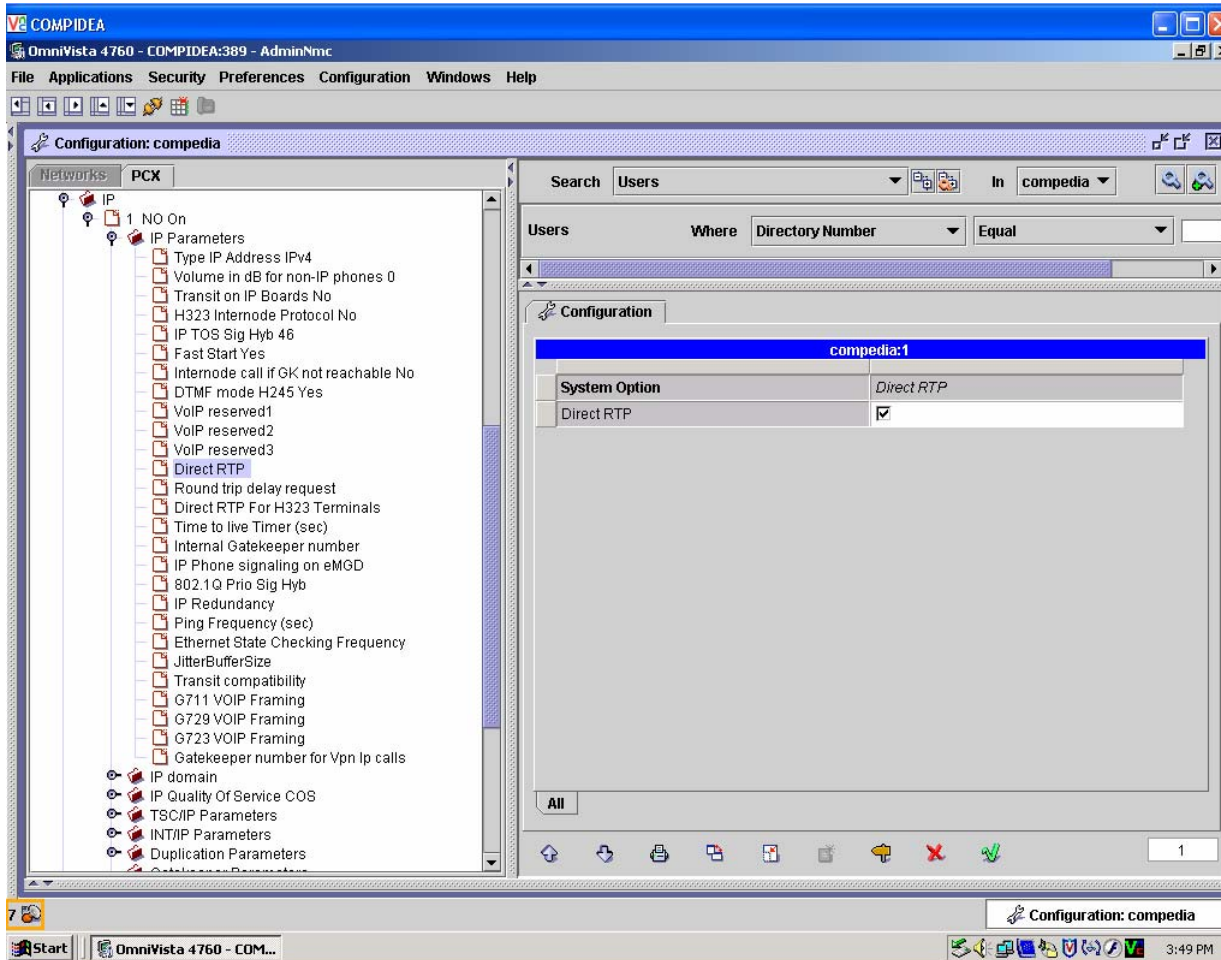
The screenshot shows the COMPIDEA configuration window for 'compedia'. The left pane displays a tree view of configuration options, with 'SIP Ext Gateway' selected. The right pane shows the configuration details for 'compedia:1'.

compedia:1	
SIP External Gateway ID	1
SIP Remote domain	172.20.150.251
SIP Port Number	5060
SIP Transport Type	TCP
RFC3262 Forced use	<input type="checkbox"/>
Outgoing realm	
Outgoing username	
Outgoing Password	
Incoming username	
Incoming Password	



Configure IP Parameters:

Direct RTP: enable the checkbox for "Direct RTP"

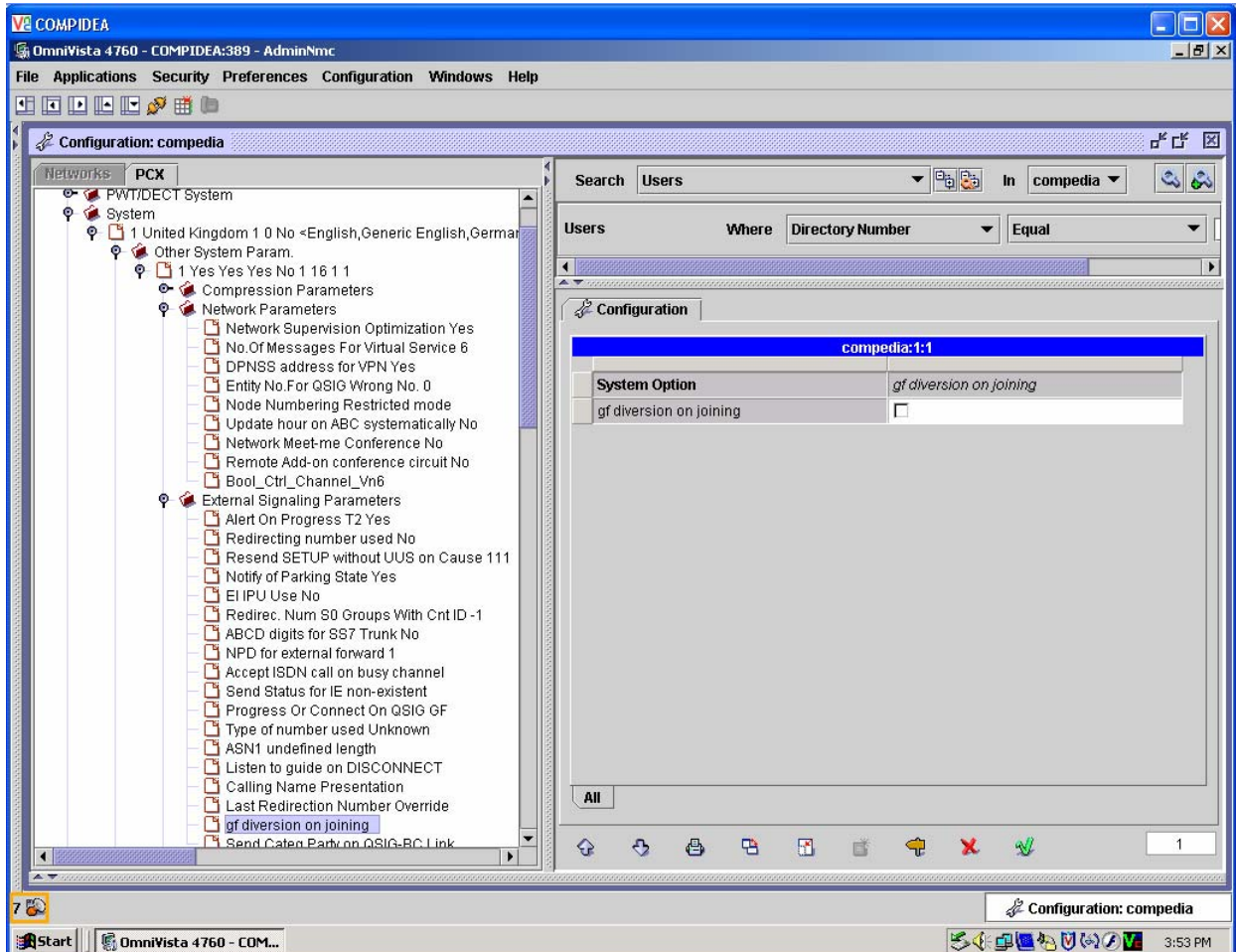




Configure GF diversion on joining:

Disable the gf diversion on joining parameter by uncheck the box under the following:

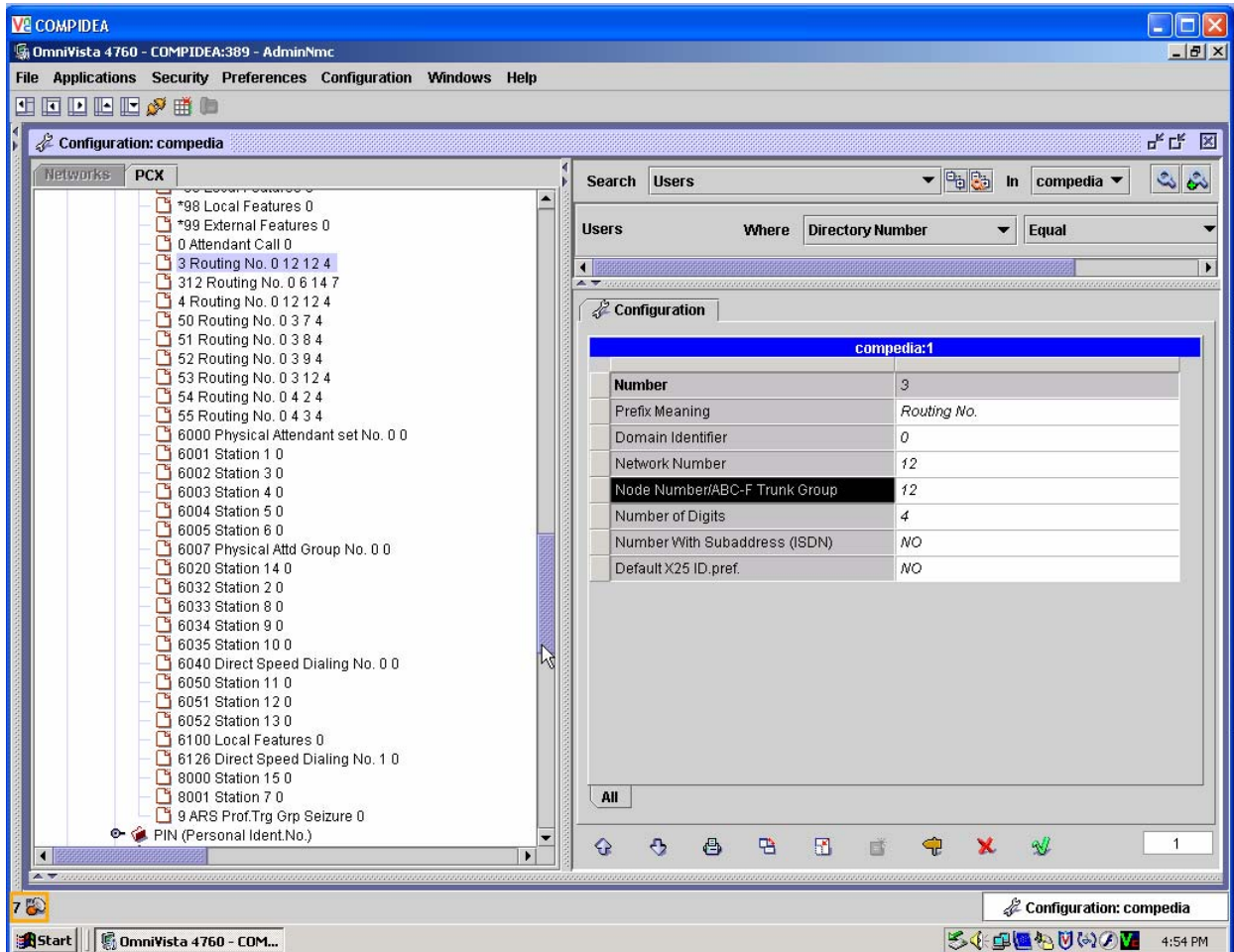
Other System Parameter → External Signaling Parameters → gf diversion on joining





Configure call routing (Translator) to Cisco CallManager phone extensions:

Select Translator → Prefix Plan → Create a new prefix for 3xxx to use SIP trunk group 12





Configure Alcatel standard users (digital stations):

Select User → Create → Create a new user for the digital phone

For a standard user, the URL <username> and <domain> attributes are optional. They can be completed to make the set accessible to the SIP world by a specific SIP URL in form of username@domain type. If they are not configured, the URL is automatically constructed by the system from MAO system configuration data where the URL <domain> takes the SIP gateway IP address (or FQDN) as the default value and the URL <username> takes the set directory numbers as the default value. As an example, the digital phone set with DN = 6003 will have SIP URL = 6003@172.20.9.250 where 172.20.9.250 is the IP Address of the Alcatel SIP media gateway.

Alcatel digital type 4035 phone (phone A2 with extension 6003)

The screenshot shows the COMPIDEA configuration interface. On the left, a tree view shows the configuration hierarchy: compedia > Users > 6003 Alcatel DT3 1 0 2 3 4035T 1. The main window displays the configuration for this user. The 'Directory Number' is 6003. Below is a table of configuration parameters:

Parameter	Value
Directory Number	6003
Add On Module 3	None
External Alphanumeric Keyboard	None
Internal Alphanumeric Keyboard	English
V24 Extension	<input type="checkbox"/>
S0 Extension	<input type="checkbox"/>
MAC/PC	NO
Z Adapter	<input type="checkbox"/>
Language ID	1
Secret Code	****
Associated Set No.	6003
Cost Center ID	255
Cost Center Name	
Charging COS	Justified
Public Network COS	2

At the bottom, there are tabs for 'General Characteristics', 'PIN', 'Assoc.Sets', 'Rights', 'Profile', 'VoiceMail', and 'Facilities'. The 'General Characteristics' tab is active, showing 'Set Characteristics', 'Hotel', 'SIP_Attributes', 'Miscellaneous', 'All', and 'Action'.



COMPIDEA
OmniVista 4760 - COMPIDEA:389 - AdminNmc

File Applications Security Preferences Configuration Windows Help

Configuration: compedia

Search Users In compedia

Users Where Directory Number Equal

Configuration

compedia	
Directory Number	6003
Public Network COS	2
External Forwarding COS	255
Phone Features COS	0
Connection COS	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

Configuration: compedia

Start OmniVista 4760 - COM... 3:41 PM



COMPIDEA
OmniVista 4760 - COMPIDEA:389 - AdminNmc

File Applications Security Preferences Configuration Windows Help

Configuration: compedia

Search Users In compedia

Users Where Directory Number Equal

Configuration

compedia	
Directory Number	6003
Tele-Marketing Agent	<input type="checkbox"/>
ISDN User	
External	<input checked="" type="checkbox"/>
Internal	<input 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"/>
Relative Filtering	<input type="checkbox"/>

General Characteristics PIN Assoc.Sets Rights Profile VoiceMail Facilities
Set Characteristics Hotel SIP_Attributes Miscellaneous All Action

1

Configuration: compedia

Start | OmniVista 4760 - COM... | 3:42 PM



COMPIDEA
OmniVista 4760 - COMPIDEA:389 - AdminNmc

File Applications Security Preferences Configuration Windows Help

Configuration: compedia

Search Users In compedia

Users Where Directory Number Equal

Configuration

compedia	
Directory Number	6003
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 for MLA	<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	6003
Calls Priority	0
PCBT Associated	NO
Urgent Call	NO
PIN (Personal Ident No)	

General Characteristics PIN Assoc.Sets Rights Profile VoiceMail Facilities
Set Characteristics Hotel SIP_Attributes Miscellaneous All Action

1

Configuration: compedia

Start OmniVista 4760 - COM... 3:43 PM



COMPIDEA
OmniVista 4760 - COMPIDEA:389 - AdminNmc

File Applications Security Preferences Configuration Windows Help

Configuration: compedia

Search Users In compedia

Users Where Directory Number Equal

Configuration

compedia	
Directory Number	6003
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)	Alactel
Phone book First Name	DT3
Displayed Name	Alactel DT3
Remote UA	<input type="checkbox"/>
Errors on Secret Code Counter	0
ACD station	NO
NS Right (Notification server)	NO
Incidents Teleservice	NO
CSTA routing	<input type="checkbox"/>

General Characteristics PIN Assoc.Sets Rights Profile VoiceMail Facilities
Set Characteristics Hotel SIP_Attributes Miscellaneous All Action

Configuration: compedia

Start OmniVista 4760 - COM... 3:44 PM



COMPIDEA
OmniVista 4760 - COMPIDEA:389 - AdminNmc

File Applications Security Preferences Configuration Windows Help

Configuration: compedia

Search Users In compedia

Users Where Directory Number Equal

Configuration

compedia	
Directory Number	6003
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 Counter	0
STAP	Off-hook
Tandem	
Tandem Directory Number	
Main set in the tandem	<input type="checkbox"/>
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	

General Characteristics PIN Assoc.Sets Rights Profile VoiceMail Facilities
Set Characteristics Hotel SIP_Attributes Miscellaneous All Action

1

Configuration: compedia

Start | OmniVista 4760 - COM... | 3:46 PM



COMPIDEA
OmniVista 4760 - COMPIDEA:389 - AdminNmc

File Applications Security Preferences Configuration Windows Help

Configuration: compedia

Search Users In compedia

Users Where Directory Number Equal

Configuration

compedia	
Directory Number	6003
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
Conference group	-1
Announcement group	-1
Call Restriction COS	0
Applicable Restriction COS	0
Implicit Priority	
Activation mode	0
Priority Level	0

General Characteristics PIN Assoc.Sets Rights Profile VoiceMail Facilities
Set Characteristics Hotel SIP_Attributes Miscellaneous All Action

1

Configuration: compedia

Start OmniVista 4760 - COM... 3:47 PM



COMPIDEA
OmniVista 4760 - COMPIDEA:389 - AdminNmc

File Applications Security Preferences Configuration Windows Help

Configuration: compedia

Search Users In compedia

Users Where Directory Number Equal

Configuration

compedia	
Directory Number	6003
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
Ith 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	

General Characteristics PIN Assoc.Sets Rights Profile VoiceMail Facilities
Set Characteristics Hotel SIP_Attributes Miscellaneous All Action

1

Configuration: compedia

New updates are ready to download



COMPIDEA
OmniVista 4760 - COMPIDEA:389 - AdminNmc

File Applications Security Preferences Configuration Windows Help

Configuration: compedia

Search Users In compedia

Users Where Directory Number Equal

Configuration

compedia	
Directory Number	6003
Activation mode	0
Priority Level	0
Pre-emptable Primary Inc. Line	NO
Pre-emptable Secondary Inc. Line	NO
Priority Presentation	NO
Ith 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	
Advanced configuration	<input type="checkbox"/>

General Characteristics PIN Assoc.Sets Rights Profile VoiceMail Facilities
Set Characteristics Hotel SIP_Attributes Miscellaneous All Action

1

Configuration: compedia

Start OmniVista 4760 - COM... 3:48 PM



COMPIDEA
OmniVista 4760 - COMPIDEA:389 - AdminNmc

File Applications Security Preferences Configuration Windows Help

Configuration: compedia

Search Users In compedia

Users Where Directory Number Equal

Configuration

compedia:6003

Key No.	Value
1	1
Function	Programmed
Content	*40
Mnemo(Pocket,Mobile,4040,IPTouch)	
Locked	NO

All 1

Configuration: compedia

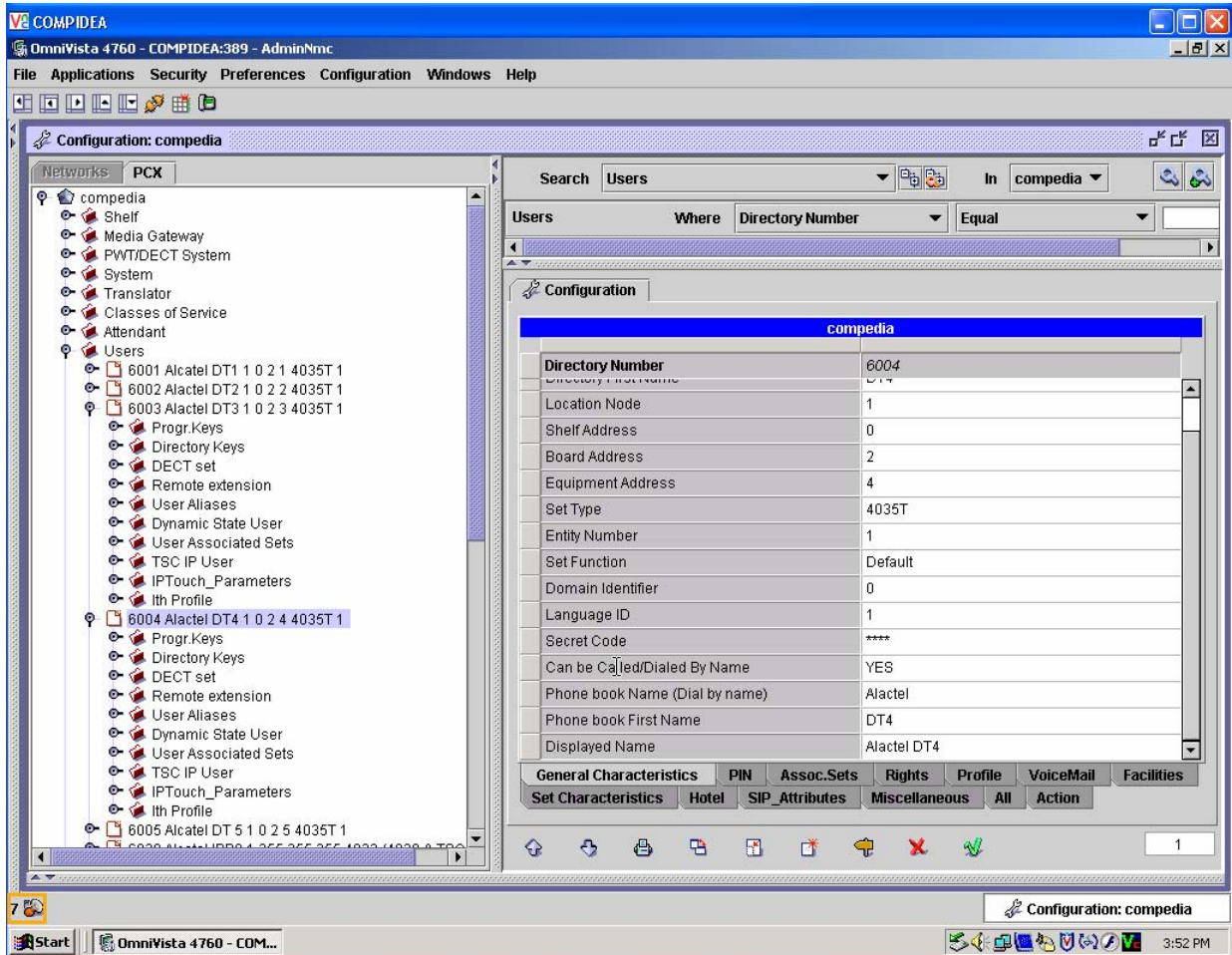
Start | OmniVista 4760 - COM... | 3:55 PM

The screenshot shows a software interface for configuring a system named 'compedia'. On the left, a tree view under 'PCX' shows a list of 'Progr. Keys' from 1 to 24. Key 1 is selected and highlighted in blue. The right pane shows the configuration details for 'compedia:6003', displaying a table with fields: Key No. (1), Function (Programmed), Content (*40), Mnemo (Pocket,Mobile,4040,IPTouch), and Locked (NO). The interface includes a menu bar, a search bar, and a taskbar at the bottom.



Alcatel digital type 4035 phone (phone B2 with extension 6004)

- Most of the parameters are the same as extension 6003 with exception to the DN and displayed name.





Cisco Unified CallManager Configuration

Cisco Unified CallManager Software Version

Cisco Unified CallManager Console - Microsoft Internet Explorer provided by Cisco Systems, Inc.

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Refresh Print Mail Stop

Navigation Cisco Unified CallManager Administration Go

Cisco Unified CallManager Administration For Cisco Unified Communications Solutions Logged in as: CCMAdministrator

System Call Routing Media Resources Voice Mail Device Application User Management Bulk Administration Help Log Off



Cisco Unified CallManager Administration

System version: 5.0.4.2106-1
Administration version: 1.1.0.0-1

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This product contains cryptographic features and is subject to United States and local country laws governing import, export, transfer and use. Delivery of Cisco cryptographic products does not imply third-party authority to import, export, distribute or use encryption. Importers, exporters, distributors and users are responsible for compliance with U.S. and local country laws. By using this product you agree to comply with applicable laws and regulations. If you are unable to comply with U.S. and local laws, return this product immediately.

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If you require further assistance please contact us by sending email to export@cisco.com.

Discussions Discussions not available on https://172.25.67.133/

Done Local intranet



SIP Trunk Security Profile

The screenshot shows the Cisco Unified CallManager Administration interface for configuring a SIP Trunk Security Profile. The browser window title is "SIP Trunk Security Profile Configuration - Microsoft Internet Explorer provided by Cisco Systems, Inc.". The navigation bar includes "Cisco Unified CallManager Administration" and "Logged in as: CCMAAdministrator". The main menu includes "System", "Call Routing", "Media Resources", "Voice Mail", "Device", "Application", "User Management", "Bulk Administration", and "Help". The "SIP Trunk Security Profile Configuration" page is displayed, showing the following configuration details:

SIP Trunk Security Profile Information	
Name*	Alcatel_5060
Description	Alcatel Compidea
Device Security Mode	Non Secure
Incoming Transport Type*	TCP+UDP
Outgoing Transport Type	TCP
<input type="checkbox"/> Enable Digest Authentication	
Nonce Validity Time (mins)*	600
X.509 Subject Name	
Incoming Port*	5060
<input type="checkbox"/> Enable Application Level Authorization	
<input type="checkbox"/> Accept Presence Subscription	
<input checked="" type="checkbox"/> Accept Out-of-Dialog REFER	
<input checked="" type="checkbox"/> Accept Unsolicited Notification	
<input checked="" type="checkbox"/> Accept Replaces Header	

Buttons: Save, Delete, Copy, Reset, Add New

*- indicates required item.



SIP Phone Security Profile

Phone Security Profile Configuration - Microsoft Internet Explorer provided by Cisco Systems, Inc.

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Refresh Print Mail Stop

Navigation Cisco Unified CallManager Administration Go

Cisco Unified CallManager Administration For Cisco Unified Communications Solutions Logged in as: CCMAAdministrator

System Call Routing Media Resources Voice Mail Device Application User Management Bulk Administration Help Log Off

Phone Security Profile Configuration Related Links: Back To Find/List Go

Status
Status: Ready

Phone Security Profile Information
Product Type: Cisco 7970
Device Protocol: SIP
Name*: Cisco 7970 - Standard SIP Non-Secure Profile
Description: Cisco 7970 - Standard SIP Non-Secure Profile
Nonce Validity Time*: 600
Device Security Mode: Non Secure
Transport Type*: TCP+UDP
 Enable Digest Authentication
 TFTP Encrypted Config
 Exclude Digest Credentials in Configuration File

Phone Security Profile CAPF Information
Authentication Mode*: By Null String
Key Size (Bits)*: 1024

Parameters used in Phone
SIP Phone Port*: 5060

Copy Reset Add New

*: indicates required item.

Discussions Discussions not available on https://172.25.67.133/

Done Local intranet



SCCP Phone Security Profile

Phone Security Profile Configuration - Microsoft Internet Explorer provided by Cisco Systems, Inc.

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Refresh Print Mail Stop

Navigation Cisco Unified CallManager Administration Go

Cisco Unified CallManager Administration For Cisco Unified Communications Solutions Logged in as: CCMAAdministrator

System Call Routing Media Resources Voice Mail Device Application User Management Bulk Administration Help Log Off

Phone Security Profile Configuration Related Links: Back To Find/List Go

Status
Status: Ready

Phone Security Profile Information
Product Type: Cisco 7961
Device Protocol: SCCP
Name*: Cisco 7961 - Standard SCCP Non-Secure Profile
Description: Cisco 7961 - Standard SCCP Non-Secure Profile
Device Security Mode: Non Secure
 TFTP Encrypted Config

Phone Security Profile CAPF Information
Authentication Mode*: By Null String
Key Size (Bits)*: 1024

Copy Reset Add New

*- indicates required item.

Discussions Discussions not available on https://172.25.67.133/

Done Local intranet



SIP Profile for SIP Trunk to Alcatel Call Server

SIP Profile Configuration - Microsoft Internet Explorer provided by Cisco Systems, Inc.

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites

Navigation Cisco Unified CallManager Administration Go

Cisco Unified CallManager Administration For Cisco Unified Communications Solutions Logged in as: CCMAdministrator

System Call Routing Media Resources Voice Mail Device Application User Management Bulk Administration Help Log Off

SIP Profile Configuration Related Links: Back To Find/List Go

Status
Status: Ready

SIP Profile Information

Name*	Alcatel_SIP
Description	Alcatel SIP Profile
Default MTP Telephony Event Payload Type*	96

Redirect by Application
 Disable Early Media on 180

Parameters used in Phone

Timer Invite Expires (seconds)*	180
Timer Register Delta (seconds)*	5
Timer Register Expires (seconds)*	3600
Timer T1 (msec)*	500
Timer T2 (msec)*	4000
Retry INVITE*	6
Retry Non-INVITE*	10
Start Media Port*	16384
Stop Media Port*	32766
Call Pickup URI*	x-cisco-serviceuri-pickup
Call Pickup Group Other URI*	x-cisco-serviceuri-opickup
Call Pickup Group URI*	x-cisco-serviceuri-gpickup
Meet Me Service URI*	x-cisco-serviceuri-meetme
User Info*	None
DTMF DB Level*	Nominal
Call Hold Ring Back*	Off
Anonymous Call Block*	Off
Caller ID Blocking*	Off
Do Not Disturb Control*	User
Telnet Level for 7940 and 7960*	Disabled
Timer Keep Alive Expires (seconds)*	...

Done Local intranet



SIP Profile Configuration - Microsoft Internet Explorer provided by Cisco Systems, Inc.

File Edit View Favorites Tools Help

Back Search Favorites

Timer Register Expires (seconds)*	3600
Timer T1 (msec)*	500
Timer T2 (msec)*	4000
Retry INVITE*	6
Retry Non-INVITE*	10
Start Media Port*	16384
Stop Media Port*	32766
Call Pickup URI*	x-cisco-serviceuri-pickup
Call Pickup Group Other URI*	x-cisco-serviceuri-opickup
Call Pickup Group URI*	x-cisco-serviceuri-gpickup
Meet Me Service URI*	x-cisco-serviceuri-meetme
User Info*	None
DTMF DB Level*	Nominal
Call Hold Ring Back*	Off
Anonymous Call Block*	Off
Caller ID Blocking*	Off
Do Not Disturb Control*	User
Telnet Level for 7940 and 7960*	Disabled
Timer Keep Alive Expires (seconds)*	120
Timer Subscribe Expires (seconds)*	120
Timer Subscribe Delta (seconds)*	5
Maximum Redirections*	70
Off Hook To First Digit Timer (microseconds)*	15000
Call Forward URI*	x-cisco-serviceuri-cfwdall
Abbreviated Dial URI*	x-cisco-serviceuri-abbrdial

Conference Join Enabled
 RFC 2543 Hold
 Semi Attended Transfer
 Enable VAD
 Stutter Message Waiting
 Call Stats

Save Delete Copy Reset Add New

*- indicates required item.

Discussions Discussions not available on https://172.25.67.133/

Done Local intranet



Standard SIP Profile

The screenshot shows the Cisco Unified CallManager Administration interface for configuring a SIP Profile. The browser window title is "SIP Profile Configuration - Microsoft Internet Explorer provided by Cisco Systems, Inc.". The page header includes "Cisco Unified CallManager Administration" and "Logged in as: CCMAAdministrator". The navigation menu shows "System", "Call Routing", "Media Resources", "Voice Mail", "Device", "Application", "User Management", "Bulk Administration", and "Help". The "SIP Profile Configuration" section is active, with a "Related Links" menu containing "Back To Find/List".

Status
Status: Ready

SIP Profile Information

Name*	Standard SIP Profile
Description	Default SIP Profile
Default MTP Telephony Event Payload Type*	101
<input type="checkbox"/> Redirect by Application	
<input type="checkbox"/> Disable Early Media on 180	

Parameters used in Phone

Timer Invite Expires (seconds)*	180
Timer Register Delta (seconds)*	5
Timer Register Expires (seconds)*	3600
Timer T1 (msec)*	500
Timer T2 (msec)*	4000
Retry INVITE*	6
Retry Non-INVITE*	10
Start Media Port*	16384
Stop Media Port*	32766
Call Pickup URI*	x-cisco-serviceuri-pickup
Call Pickup Group Other URI*	x-cisco-serviceuri-opickup
Call Pickup Group URI*	x-cisco-serviceuri-gpickup
Meet Me Service URI*	x-cisco-serviceuri-meetme
User Info*	None
DTMF DB Level*	Nominal
Call Hold Ring Back*	Off
Anonymous Call Block*	Off
Caller ID Blocking*	Off
Do Not Disturb Control*	User
Telnet Level for 3040 and 3060*	



SIP Profile Configuration - Microsoft Internet Explorer provided by Cisco Systems, Inc.

File Edit View Favorites Tools Help

Back Search Favorites

Timer Register Expires (seconds)*	3600
Timer T1 (msec)*	500
Timer T2 (msec)*	4000
Retry INVITE*	6
Retry Non-INVITE*	10
Start Media Port*	16384
Stop Media Port*	32766
Call Pickup URI*	x-cisco-serviceuri-pickup
Call Pickup Group Other URI*	x-cisco-serviceuri-opickup
Call Pickup Group URI*	x-cisco-serviceuri-gpickup
Meet Me Service URI*	x-cisco-serviceuri-meetme
User Info*	None
DTMF DB Level*	Nominal
Call Hold Ring Back*	Off
Anonymous Call Block*	Off
Caller ID Blocking*	Off
Do Not Disturb Control*	User
Telnet Level for 7940 and 7960*	Disabled
Timer Keep Alive Expires (seconds)*	120
Timer Subscribe Expires (seconds)*	120
Timer Subscribe Delta (seconds)*	5
Maximum Redirections*	70
Off Hook To First Digit Timer (microseconds)*	15000
Call Forward URI*	x-cisco-serviceuri-cfwdall
Abbreviated Dial URI*	x-cisco-serviceuri-abbrdial

Conference Join Enabled
 RFC 2543 Hold
 Semi Attended Transfer
 Enable VAD
 Stutter Message Waiting
 Call Stats

Copy Reset Add New

*- indicates required item.

Discussions Discussions not available on https://172.25.67.133/

Done Local intranet



Media Resource Group

Media Resource Group Configuration - Microsoft Internet Explorer provided by Cisco Systems, Inc.

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Refresh Print Mail Stop

Navigation Cisco Unified CallManager Administration Go

Cisco Unified CallManager Administration For Cisco Unified Communications Solutions Logged in as: CCMAAdministrator

System Call Routing Media Resources Voice Mail Device Application User Management Bulk Administration Help Log Off

Media Resource Group Configuration Related Links: Back To Find/List Go

Save X Print Refresh

Status
Status: Ready

Media Resource Group Status
Media Resource Group: SW_MRG (used by 41 devices)

Media Resource Group Information
Name* SW_MRG
Description SW_MRG

Devices for this Group
Available Media Resources** CFB000E3879AEF9

Selected Media Resources*
ANN_2 (ANN)
CFB_2 (CFB)
MOH_2 (MOH)
MTP_2 (MTP)

Use Multicast for MOH Audio (If at least one multicast MOH resource is available)

Save Delete Copy Reset Add New

i *- indicates required item.
i **Includes Annunciators (ANN), Conference Bridges (CFB), Media Termination Points (MTP), Music On Hold Servers (MOH) and Transcoders (XCODE)

Discussions Discussions not available on https://172.25.67.133/

Done Local intranet



Media Resource Group List

Media Resource Group List Configuration - Microsoft Internet Explorer provided by Cisco Systems, Inc.

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Refresh Print Mail Stop

Navigation Cisco Unified CallManager Administration Go

Cisco Unified CallManager Administration For Cisco Unified Communications Solutions Logged in as: CCMAAdministrator

System Call Routing Media Resources Voice Mail Device Application User Management Bulk Administration Help Log Off

Media Resource Group List Configuration Related Links: Back To Find/List Go

Save X Print Refresh

Status
Status: Ready

Media Resource Group List Status
Media Resource Group List: SW_MRGL (used by 37 devices)

Media Resource Group List Information
Name* SW_MRGL

Media Resource Groups for this List
Available Media Resource Groups HW_CONF

Selected Media Resource Groups SW_MRGL

Save Delete Copy Reset Add New

*- indicates required item.

Discussions Discussions not available on https://172.25.67.133/ Local intranet



Assigned MRGL to Default Device Pool

Device Pool Configuration - Microsoft Internet Explorer provided by Cisco Systems, Inc.

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites Recycle Bin Mail Print Run Local intranet

Navigation Cisco Unified CallManager Administration Go

Cisco Unified CallManager Administration For Cisco Unified Communications Solutions Logged in as: CCMAdministrator

System Call Routing Media Resources Voice Mail Device Application User Management Bulk Administration Help Log Off

Device Pool Configuration Related Links: Back To Find/List Go

Status

Status: Ready

Device Pool: Default (37 members)**

Device Pool Settings

Device Pool Name*	Default
Cisco Unified CallManager Group*	Default
Date/Time Group*	CMLocal
Region*	Default
Softkey Template*	Standard User
SRST Reference*	Disable
Calling Search Space for Auto-registration	< None >
Media Resource Group List	SW_MRGL
Network Hold MOH Audio Source	< None >
User Hold MOH Audio Source	< None >
Network Locale	< None >
User Locale	< None >
Connection Monitor Duration	

Multilevel Precedence and Preemption (MLPP) Information

MLPP Indication*	Default
MLPP Preemption*	Default
MLPP Domain	< None >

Save Delete Copy Reset Add New

*- indicates required item.

** Number of devices that have to be reset when this device pool is updated. To see a detailed list of these devices and other dependencies, click on Dependency Records.

Discussions Discussions not available on https://172.25.67.133/ Local intranet



SIP Trunk to Alcatel SIP Call Server/Proxy Server

Trunk Configuration - Microsoft Internet Explorer provided by Cisco Systems, Inc.

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites Recycle Bin Mail Print Address Book My Recent Places

Navigation Cisco Unified CallManager Administration Go

Cisco Unified CallManager Administration For Cisco Unified Communications Solutions Logged in as: CCMAAdministrator

System Call Routing Media Resources Voice Mail Device Application User Management Bulk Administration Help Log Off

Trunk Configuration Related Links: Back To Find/List Go

Status
Status: Ready

Device Information

Product:	SIP Trunk
Device Protocol:	SIP
Device Name*	Alcatel_SIP
Description	SIP Trunk to Alcatel
Device Pool*	Default
Call Classification*	Use System Default
Media Resource Group List	SW_MRGL
Location*	Hub_None
AAR Group	< None >
Packet Capture Mode*	None
Packet Capture Duration	0

Media Termination Point Required
 Retry Video Call as Audio
 Transmit UTF-8 for Calling Party Name
 Unattended Port

Multilevel Precedence and Preemption (MLPP) Information
MLPP Domain: < None >

Call Routing Information

Inbound Calls

Significant Digits*	All
Connected Line ID Presentation*	Default
Connected Name Presentation*	Default
Calling Search Space	< None >
AAR Calling Search Space	< None >
Prefix DN	

Redirecting Diversion Header Delivery - Inbound

Customized Calls

Discussions Discussions not available on https://172.25.67.133/

Done Local intranet



Trunk Configuration - Microsoft Internet Explorer provided by Cisco Systems, Inc.

File Edit View Favorites Tools Help

Back Search Favorites

Multilevel Precedence and Preemption (MLPP) Information

MLPP Domain: < None >

Call Routing Information

Inbound Calls

Significant Digits*: All
Connected Line ID Presentation*: Default
Connected Name Presentation*: Default
Calling Search Space: < None >
AAR Calling Search Space: < None >
Prefix DN:
 Redirecting Diversion Header Delivery - Inbound

Outbound Calls

Calling Party Selection*: Originator
Calling Line ID Presentation*: Default
Calling Name Presentation*: Default
Caller ID DN:
Caller Name:
 Redirecting Diversion Header Delivery - Outbound

SIP Information

Destination Address*: 172.20.9.250
 Destination Address is an SRV
Destination Port*: 5060
MTP Preferred Originating Codec*: 711ulaw
Presence Group*: Standard Presence group
SIP Trunk Security Profile*: Alcatel_5060
Rerouting Calling Search Space: < None >
Out-Of-Dialog Refer Calling Search Space: < None >
SUBSCRIBE Calling Search Space: < None >
SIP Profile*: Alcatel_SIP
DTMF Signaling Method*: No Preference

Save Delete Reset Add New

i *- indicates required item.
i **- Device reset is not required for changes to Packet Capture Mode and Packet Capture Duration.

Discussions Discussions not available on https://172.25.67.133/

Done Local intranet



SCCP Phone Ext. 3503 Device Level Configuration

The screenshot displays the Cisco Unified CallManager Administration web interface. The browser title is "Phone Configuration - Microsoft Internet Explorer provided by Cisco Systems, Inc.". The navigation bar shows "Cisco Unified CallManager Administration" and "Logged in as: CCMAAdministrator". The main menu includes "System", "Call Routing", "Media Resources", "Voice Mail", "Device", "Application", "User Management", "Bulk Administration", and "Help". The "Phone Configuration" section is active, showing a "Status: Ready" message. The "Association Information" panel lists 12 lines, with lines 1-6 and 8-12 associated with "Line [1] - 3503 (no partition)", "Line [2] - 3506 (no partition)", and "Line [3] - Add a new DN". The "Phone Type" section shows "Product Type: Cisco 7960" and "Device Protocol: SCCP". The "Device Information" section contains a table of configuration parameters:

Parameter	Value
Registration	Registered with Cisco Unified CallManager cm-kings
IP Address	172.20.150.17
MAC Address*	00146A3C1BB9
Description	SCCP 3503
Device Pool*	Default
Phone Button Template*	Standard 7960 SCCP
Softkey Template	Standard User with CallBack
Common Phone Profile*	Standard Common Phone Profile
Calling Search Space	< None >
AAR Calling Search Space	< None >
Media Resource Group List	SW_MRGL
User Hold MOH Audio Source	< None >
Network Hold MOH Audio Source	< None >
Location*	Hub_None
User Locale	< None >
Network Locale	< None >
Built In Bridge*	Default
Privacy*	Default
Owner User ID	< None >
Phone Load Name	

Additional checkboxes are visible: Retry Video Call as Audio, Ignore Presentation Indicators (internal calls only), and Allow Control of Device from CTI. The "Protocol Specific Information" section is partially visible at the bottom.



Phone Configuration - Microsoft Internet Explorer provided by Cisco Systems, Inc.

File Edit View Favorites Tools Help

Back Search Favorites

Protocol Specific Information

Packet Capture Mode* None

Packet Capture Duration 60

Presence Group* Standard Presence group

Device Security Profile* Cisco 7960 - Standard SCCP Non-Secure Profile

SUBSCRIBE Calling Search Space < None >

Unattended Port

Require DTMF Reception

RFC2833 Disabled

Certification Authority Proxy Function (CAPF) Information

Certificate Operation* No Pending Operation

Authentication Mode* By Null String

Authentication String

Generate String

Key Size (Bits)* 1024

Operation Completes By 2006 11 23 12 (YYYY:MM:DD:HH)

Certificate Operation Status: None

Note: Security Profile Contains Addition CAPF Settings.

Expansion Module Information

Module 1 < None >

Module 1 Load Name

Module 2 < None >

Module 2 Load Name

External Data Locations Information (Leave blank to use default)

Information

Directory

Messages

Services

Authentication Server

Proxy Server

Idle

Idle Timer (seconds)

Extension Information

Enable Extension Mobility

Log Out Profile -- Not Selected --

Discussions Discussions not available on https://172.25.67.133/

Done Local intranet



Phone Configuration - Microsoft Internet Explorer provided by Cisco Systems, Inc.

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Refresh Print Mail Phone Home Links

Information	<input type="text"/>
Directory	<input type="text"/>
Messages	<input type="text"/>
Services	<input type="text"/>
Authentication Server	<input type="text"/>
Proxy Server	<input type="text"/>
Idle	<input type="text"/>
Idle Timer (seconds)	<input type="text"/>

Extension Information

Enable Extension Mobility

Log Out Profile

Login in User ID

Log in Time

Log out Time

MLPP Information

MLPP Domain

MLPP Indication*

MLPP Preemption*

Product Specific Configuration Layout

Disable Speakerphone

Disable Speakerphone and Headset

PC Port *

Settings Access*

Gratuitous ARP*

PC Voice VLAN Access*

Video Capabilities*

Auto Line Select*

Web Access*

Save Delete Copy Reset Add New

i *- indicates required item.

i **- Device reset is not required for changes to Packet Capture Mode and Packet Capture Duration.

i ***Note: Security Profile Contains Addition CAPF Settings.

Discussions Discussions not available on https://172.25.67.133/

Done Local intranet



SCCP Phone Ext. 3503 Directory Number Level Configuration

The screenshot displays the Cisco Unified CallManager Administration web interface. The browser title is "Directory Number Configuration - Microsoft Internet Explorer provided by Cisco Systems, Inc.". The navigation bar shows "Cisco Unified CallManager Administration" and "Logged in as: CCMAdministrator". The main content area is titled "Directory Number Configuration" and includes a "Related Links: Back To Find/List" button.

Status: Status: Ready

Directory Number Information:

- Directory Number*: 3503
- Route Partition: < None >
- Description: SCCP_3503
- Alerting Name: SCCP_3503A
- ASCII Alerting Name: SCCP_3503A
- Allow Control of Device from CTI
- Associated Devices: SEP00146A3C1BB9
- Dissociate Devices: (empty)

Directory Number Settings:

- Voice Mail Profile: < None > (Choose <None> to use system default)
- Calling Search Space: < None >
- Presence Group*: Standard Presence group
- AAR Group: < None >
- User Hold MOH Audio Source: 1-SampleAudioSource
- Network Hold MOH Audio Source: 1-SampleAudioSource
- Auto Answer*: Auto Answer Off

Call Forward and Call Pickup Settings:

	Voice Mail	Destination	Calling Search Space
Forward All	<input checked="" type="checkbox"/> or		< None >
Secondary Calling Search Space for Forward All			< None >
Forward Busy Internal	<input type="checkbox"/> or	6004	< None >
Forward Busy External	<input type="checkbox"/> or		< None >



Directory Number Configuration - Microsoft Internet Explorer provided by Cisco Systems, Inc.

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Refresh Print Mail Stop

Secondary Calling Search Space for Forwarded...
< None >
< None >
< None >
< None >
< None >
< None >
< None >
< None >
< None >
< None >
No Answer Ring Duration (seconds) 5
Call Pickup Group < None >

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

Line 1 on Device SEP00146A3C1BB9
Display (Internal Caller ID) SCCP_3503 Display text for a line appearance is intended for displaying text such as a name instead of a directory number for internal calls. If you specify a number, the person receiving a call may not see the proper identity of the caller.
ASCII Display (Internal Caller ID) SCCP_3503
Line Text Label SCCP_3503
ASCII Line Text Label SCCP_3503
External Phone Number Mask
Message Waiting Lamp Policy* Use System Policy
Ring Setting (Phone Idle)* Ring
Ring Setting (Phone Active) Use System Default Applies to this line when any line on the phone has a call in progress.

Multiple Call/Call Waiting Settings on Device SEP00146A3C1BB9
Note: The range to select the Max Number of calls is: 1-196
Maximum Number of Calls* 4
Busy Trigger* 1 (Less than or equal to Max. Calls)

Forwarded Call Information Display on Device SEP00146A3C1BB9
 Caller Name
 Caller Number
 Redirected Number
 Dialed Number

Save Delete Copy Reset Add New

Discussions Discussions not available on https://172.25.67.133/

Done Local intranet



SCCP Phone Ext. 3504 Device Level Configuration

The screenshot displays the Cisco Unified CallManager Administration web interface in Microsoft Internet Explorer. The browser title is "Phone Configuration - Microsoft Internet Explorer provided by Cisco Systems, Inc.". The navigation bar shows "Cisco Unified CallManager Administration" and "Logged in as: CCMAAdministrator". The main menu includes "System", "Call Routing", "Media Resources", "Voice Mail", "Device", "Application", "User Management", "Bulk Administration", and "Help". The "Phone Configuration" section is active, showing a "Status: Ready" message. The "Association Information" table lists 12 items, including lines 1-2 (3504), 3-10 (Add a new SD/SURL/BLF SD), and 11-12 (Privacy). The "Device Information" section shows the phone is a Cisco 7960 with SCCP protocol, registered with IP address 172.20.150.18 and MAC address 00146A4D3BF5. The "Device Information" table lists various settings such as Device Pool (Default), Phone Button Template (Standard 7960 SCCP), Softkey Template (Standard User with CallBack), and Common Phone Profile (Standard Common Phone Profile). The "Protocol Specific Information" section is partially visible at the bottom.

Association Information	
1	7960 Line [1] - 3504 (no partition)
2	7960 Line [2] - 3506 (no partition)
3	Add a new SD
4	Add a new SD
5	Add a new SD
6	Add a new SD
----- Unassigned Associated Items -----	
7	7960 Line [3] - Add a new DN
8	Add a new SD
9	Add a new SURL
10	Add a new BLF SD
11	Privacy
12	None

Device Information	
Registration	Registered with Cisco Unified CallManager cm-kings
IP Address	172.20.150.18
MAC Address*	00146A4D3BF5
Description	SCCP 3504
Device Pool*	Default
Phone Button Template*	Standard 7960 SCCP
Softkey Template	Standard User with CallBack
Common Phone Profile*	Standard Common Phone Profile
Calling Search Space	< None >
AAR Calling Search Space	< None >
Media Resource Group List	SW_MRGL
User Hold MOH Audio Source	< None >
Network Hold MOH Audio Source	< None >
Location*	Hub_None
User Locale	< None >
Network Locale	< None >
Built In Bridge*	Default
Privacy*	Default
Owner User ID	< None >
Phone Load Name	
<input checked="" type="checkbox"/> Retry Video Call as Audio	
<input type="checkbox"/> Ignore Presentation Indicators (internal calls only)	
<input checked="" type="checkbox"/> Allow Control of Device from CTI	



Phone Configuration - Microsoft Internet Explorer provided by Cisco Systems, Inc.

File Edit View Favorites Tools Help

Back Search Favorites

Protocol Specific Information

Packet Capture Mode* None

Packet Capture Duration 60

Presence Group* Standard Presence group

Device Security Profile* Cisco 7960 - Standard SCCP Non-Secure Profile

SUBSCRIBE Calling Search Space < None >

Unattended Port

Require DTMF Reception

RFC2833 Disabled

Certificate Authority Proxy Function (CAPF) Information

Certificate Operation* No Pending Operation

Authentication Mode* By Null String

Authentication String

Generate String

Key Size (Bits)* 1024

Operation Completes By 2006 11 23 12 (YYYY:MM:DD:HH)

Certificate Operation Status: None

Note: Security Profile Contains Addition CAPF Settings.

Expansion Module Information

Module 1 < None >

Module 1 Load Name

Module 2 < None >

Module 2 Load Name

External Data Locations Information (Leave blank to use default)

Information

Directory

Messages

Services

Authentication Server

Proxy Server

Idle

Idle Timer (seconds)

Extension Information

Enable Extension Mobility

Log Out Profile -- Not Selected --

Discussions Discussions not available on https://172.25.67.133/

Done Local intranet



Phone Configuration - Microsoft Internet Explorer provided by Cisco Systems, Inc.

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Refresh Print Mail Phone

Information	<input type="text"/>
Directory	<input type="text"/>
Messages	<input type="text"/>
Services	<input type="text"/>
Authentication Server	<input type="text"/>
Proxy Server	<input type="text"/>
Idle	<input type="text"/>
Idle Timer (seconds)	<input type="text"/>

Extension Information

Enable Extension Mobility

Log Out Profile

Login in User ID

Log in Time

Log out Time

MLPP Information

MLPP Domain

MLPP Indication*

MLPP Preemption*

Product Specific Configuration Layout

Disable Speakerphone

Disable Speakerphone and Headset

PC Port *

Settings Access*

Gratuitous ARP*

PC Voice VLAN Access*

Video Capabilities*

Auto Line Select*

Web Access*

Save Delete Copy Reset Add New

i *- indicates required item.

i **- Device reset is not required for changes to Packet Capture Mode and Packet Capture Duration.

i ***Note: Security Profile Contains Addition CAPF Settings.

Discussions Discussions not available on https://172.25.67.133/

Done Local intranet



SCCP Phone Ext. 3504 Directory Number Level Configuration

The screenshot displays the Cisco Unified CallManager Administration web interface in Microsoft Internet Explorer. The page title is "Directory Number Configuration - Microsoft Internet Explorer provided by Cisco Systems, Inc.". The navigation bar shows "Cisco Unified CallManager Administration" and "Logged in as: CCMAdministrator". The main content area is titled "Directory Number Configuration" and includes a "Related Links: Back To Find/List" button.

Status: Status: Ready

Directory Number Information:

- Directory Number*: 3504
- Route Partition: < None >
- Description: SCCP 3504
- Alerting Name: SCCP4
- ASCII Alerting Name: SCCP4A
- Allow Control of Device from CTI
- Associated Devices: SEP00146A4D3BF5
- Dissociate Devices: (empty)

Directory Number Settings:

- Voice Mail Profile: < None > (Choose <None> to use system default)
- Calling Search Space: < None >
- Presence Group*: Standard Presence group
- AAR Group: < None >
- User Hold MOH Audio Source: < None >
- Network Hold MOH Audio Source: < None >
- Auto Answer*: Auto Answer Off

Call Forward and Call Pickup Settings:

	Voice Mail	Destination	Calling Search Space
Forward All	<input type="checkbox"/> or		< None >
Secondary Calling Search Space for Forward All			< None >
Forward Busy Internal	<input type="checkbox"/> or		< None >
Forward Busy External	<input type="checkbox"/> or		< None >

The interface also shows a taskbar with "Discussions" and "Local intranet" icons.



Directory Number Configuration - Microsoft Internet Explorer provided by Cisco Systems, Inc.

File Edit View Favorites Tools Help

Back Search Favorites

Forward Busy Internal	<input type="checkbox"/>	or	<input type="text"/>	< None >
Forward Busy External	<input type="checkbox"/>	or	<input type="text"/>	< None >
Forward No Answer Internal	<input type="checkbox"/>	or	<input type="text"/>	< None >
Forward No Answer External	<input type="checkbox"/>	or	<input type="text"/>	< None >
Forward No Coverage Internal	<input type="checkbox"/>	or	<input type="text"/>	< None >
Forward No Coverage External	<input type="checkbox"/>	or	<input type="text"/>	< None >
Forward on CTI Failure	<input type="checkbox"/>	or	<input type="text"/>	< None >

No Answer Ring Duration (seconds)

Call Pickup Group

MLPP Alternate Party Settings

Target (Destination)

MLPP Calling Search Space

MLPP No Answer Ring Duration (seconds)

Line 1 on Device SEP00146A4D3BF5

Display (Internal Caller ID) Display text for a line appearance is intended for displaying text such as a name instead of a directory number for internal calls. If you specify a number, the person receiving a call may not see the proper identity of the caller.

ASCII Display (Internal Caller ID)

Line Text Label

ASCII Line Text Label

External Phone Number Mask

Message Waiting Lamp Policy*

Ring Setting (Phone Idle)*

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

Multiple Call/Call Waiting Settings on Device SEP00146A4D3BF5

Note: The range to select the Max Number of calls is: 1-196

Maximum Number of Calls*

Busy Trigger* (Less than or equal to Max. Calls)

Forwarded Call Information Display on Device SEP00146A4D3BF5

Caller Name

Caller Number

Redirected Number

Dialed Number

Save Delete Copy Reset Add New

Discussions Discussions not available on https://172.25.67.133/

Done Local intranet



SIP Phone Ext. 3507 Device Level Configuration

The screenshot displays the Cisco Unified CallManager Administration web interface. The browser title is "Phone Configuration - Microsoft Internet Explorer provided by Cisco Systems, Inc.". The navigation bar shows "Cisco Unified CallManager Administration" and "Logged in as: CCMAAdministrator". The main menu includes "System", "Call Routing", "Media Resources", "Voice Mail", "Device", "Application", "User Management", "Bulk Administration", and "Help". The "Phone Configuration" section is active, showing a "Status: Ready" message and a list of association information for line 1 (3507). The "Device Information" section is expanded, showing registration details and configuration options for a Cisco 7970 SIP phone. The "Protocol Specific Information" section shows "Packet Capture Mode" set to "None".

Phone Configuration - Microsoft Internet Explorer provided by Cisco Systems, Inc.

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Refresh Print Mail Phone

Navigation Cisco Unified CallManager Administration Go

Cisco Unified CallManager Administration For Cisco Unified Communications Solutions Logged in as: CCMAAdministrator

System Call Routing Media Resources Voice Mail Device Application User Management Bulk Administration Help Log Off

Phone Configuration Related Links: Back To Find/List Go

Status
Status: Ready

Association Information
Modify Button Items

- Line [1] - 3507 (no partition)
- Line [2] - 3505 (no partition)
- Add a new SD
- Add a new SD
- Add a new SD
- Add a new SD
- Add a new SD
- Add a new SD
- Unassigned Associated Items -----
- Line [3] - Add a new DN
- Add a new SD
- Add a new SURF
- Add a new BLF SD
- Privacy
- None

Phone Type
Product Type: Cisco 7970
Device Protocol: SIP

Device Information

Registration	Registered with Cisco Unified CallManager cm-kings
IP Address	172.20.150.16
MAC Address*	000E84F600D6
Description	SIP7970 3507
Device Pool*	Default
Phone Button Template*	Standard 7970 SIP
Softkey Template	Standard User with CallBack
Common Phone Profile*	Standard Common Phone Profile
Calling Search Space	< None >
AAR Calling Search Space	< None >
Media Resource Group List	SW_MRGL
User Hold MOH Audio Source	1-SampleAudioSource
Network Hold MOH Audio Source	1-SampleAudioSource
Location*	Hub_None
User Locale	< None >
Network Locale	< None >
Built In Bridge*	Default
Privacy*	Default
Owner User ID	< None >
Phone Load Name	

Ignore Presentation Indicators (internal calls only)
 Allow Control of Device from CTI

Protocol Specific Information
Packet Capture Mode* None

Discussions Discussions not available on https://172.25.67.133/

Done Local intranet



Phone Configuration - Microsoft Internet Explorer provided by Cisco Systems, Inc.

File Edit View Favorites Tools Help

Back Search Favorites

Protocol Specific Information

Packet Capture Mode* None

Packet Capture Duration 0

Presence Group* Standard Presence group

SIP Dial Rules < None >

MTP Preferred Originating Codec* 711 ulaw

Device Security Profile* Cisco 7970 - Standard SIP Non-Secure Profile

Rerouting Calling Search Space < None >

SUBSCRIBE Calling Search Space < None >

SIP Profile* Standard SIP Profile

Digest User < None >

Media Termination Point Required

Unattended Port

Require DTMF Reception

Certification Authority Proxy Function (CAPF) Information

Certificate Operation* No Pending Operation

Authentication Mode* By Null String

Authentication String

Generate String

Key Size (Bits)* 1024

Operation Completes By 2006 11 23 12 (YYYY:MM:DD:HH)

Certificate Operation Status: None

Note: Security Profile Contains Addition CAPF Settings.

External Data Locations Information (Leave blank to use default)

Information

Directory

Messages

Services

Authentication Server

Proxy Server

Idle

Idle Timer (seconds)

Extension Information

Enable Extension Mobility

Log Out Profile -- Not Selected --

Login in User ID < None >

Discussions Discussions not available on https://172.25.67.133/

Done Local intranet



Phone Configuration - Microsoft Internet Explorer provided by Cisco Systems, Inc.

File Edit View Favorites Tools Help

Back Search Favorites

Enable Extension Mobility
Log Out Profile -- Not Selected --
Login in User ID < None >
Log in Time < None >
Log out Time < None >

MLPP Information
MLPP Domain 000000

Secure Shell Information
Secure Shell User
Secure Shell Password

Product Specific Configuration Layout ?

Disable Speakerphone
 Disable Speakerphone and Headset

PC Port *	Enabled
Settings Access*	Enabled
Gratuitous ARP*	Enabled
PC Voice VLAN Access*	Enabled
Video Capabilities*	Disabled
Auto Line Select*	Disabled
Web Access*	Enabled
Days Display Not Active	Sunday Monday Tuesday
Display On Time	07:30
Display On Duration	10:30
Display Idle Timeout	01:00
Span to PC Port*	Disabled
Logging Display*	PC Controlled
Load Server	

Save Delete Copy Reset Add New

i *- indicates required item.
i **- Device reset is not required for changes to Packet Capture Mode and Packet Capture Duration.
i ***Note: Security Profile Contains Addition CAPF Settings.

Discussions Discussions not available on https://172.25.67.133/

Done Local intranet



SIP Phone Ext. 3507 Directory Number Level Configuration

The screenshot shows the Cisco Unified CallManager Administration web interface in Microsoft Internet Explorer. The page title is "Directory Number Configuration - Microsoft Internet Explorer provided by Cisco Systems, Inc.". The navigation bar includes "Cisco Unified CallManager Administration" and "Logged in as: CCMAdministrator". The main content area is titled "Directory Number Configuration" and contains the following sections:

- Status:** Status: Ready
- Directory Number Information:**
 - Directory Number*: 3507
 - Route Partition: < None >
 - Description: 7970 SIP Shareline 2
 - Alerting Name: SIP_3507A
 - ASCII Alerting Name: SIP_3507A
 - Allow Control of Device from CTI
 - Associated Devices: SEP000E84F600D6
 - Buttons: Edit Device, Edit Line Appearance
 - Dissociate Devices: [Empty field]
- Directory Number Settings:**
 - Voice Mail Profile: Default (Choose <None> to use system default)
 - Calling Search Space: < None >
 - Presence Group*: Standard Presence group
 - AAR Group: < None >
 - User Hold MOH Audio Source: 1-SampleAudioSource
 - Network Hold MOH Audio Source: 1-SampleAudioSource
 - Auto Answer*: Auto Answer Off
- Call Forward and Call Pickup Settings:**

	Voice Mail	Destination	Calling Search Space
Forward All	<input checked="" type="checkbox"/> or	[Empty field]	< None >
Secondary Calling Search Space for Forward All			< None >
Forward Busy Internal	<input type="checkbox"/> or	6004	< None >
Forward Busy External	<input type="checkbox"/> or	[Empty field]	< None >

The browser's address bar shows "Discussions not available on https://172.25.67.133/". The status bar at the bottom indicates "Done" and "Local intranet".



Directory Number Configuration - Microsoft Internet Explorer provided by Cisco Systems, Inc.

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Refresh Print Mail Stop

Forward Busy Internal	<input type="checkbox"/> or	6004	< None >
Forward Busy External	<input type="checkbox"/> or	6004	< None >
Forward No Answer Internal	<input type="checkbox"/> or	6004	< None >
Forward No Answer External	<input type="checkbox"/> or	6004	< None >
Forward No Coverage Internal	<input type="checkbox"/> or	6004	< None >
Forward No Coverage External	<input type="checkbox"/> or	6004	< None >
Forward on CTI Failure	<input type="checkbox"/> or		< None >
No Answer Ring Duration (seconds)			
Call Pickup Group		< None >	

MLPP Alternate Party Settings

Target (Destination)

MLPP Calling Search Space < None >

MLPP No Answer Ring Duration (seconds)

Line 1 on Device SEP000E84F600D6

Display (Internal Caller ID) SIP_3507 Display text for a line appearance is intended for displaying text such as a name instead of a directory number for internal calls. If you specify a number, the person receiving a call may not see the proper identity of the caller.

ASCII Display (Internal Caller ID) SIP_3507

Line Text Label SIP_3507

ASCII Line Text Label SIP_3507

External Phone Number Mask

Message Waiting Lamp Policy* Use System Policy

Ring Setting (Phone Idle)* Ring

Ring Setting (Phone Active) Use System Default Applies to this line when any line on the phone has a call in progress.

Multiple Call/Call Waiting Settings on Device SEP000E84F600D6

Note: The range to select the Max Number of calls is: 1-46

Maximum Number of Calls* 4

Busy Trigger* 1 (Less than or equal to Max. Calls)

Forwarded Call Information Display on Device SEP000E84F600D6

Caller Name

Caller Number

Redirected Number

Dialed Number

Save Delete Copy Reset Add New

Discussions Discussions not available on https://172.25.67.133/

Done Local intranet



SIP Phone Ext. 3508 Device Level Configuration

Phone Configuration - Microsoft Internet Explorer provided by Cisco Systems, Inc.

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Refresh Print Mail Phone Home Links

Navigation Cisco Unified CallManager Administration Go

Cisco Unified CallManager Administration For Cisco Unified Communications Solutions Logged in as: CCMAAdministrator

System Call Routing Media Resources Voice Mail Device Application User Management Bulk Administration Help Log Off

Phone Configuration Related Links: Back To Find/List Go

Status
Status: Ready

Association Information
Modify Button Items

- 1 Line [1] - 3508 (no partition)
- 2 Line [2] - 3505 (no partition)
- 3 Add a new SD
- 4 Add a new SD
- 5 Add a new SD
- 6 Add a new SD
- 7 Add a new SD
- 8 Add a new SD
- Unassigned Associated Items -----
- 9 Line [3] - Add a new DN
- 10 Add a new SD
- 11 Add a new SURF
- 12 Add a new BLF SD
- 13 Privacy
- 14 None

Phone Type
Product Type: Cisco 7970
Device Protocol: SIP

Device Information

Registration	Registered with Cisco Unified CallManager cm-kings
IP Address	172.20.150.11
MAC Address*	000E839C1229
Description	SIP 7970 3508 3505
Device Pool*	Default
Phone Button Template*	Standard 7970 SIP
Softkey Template	Standard User with CallBack
Common Phone Profile*	Standard Common Phone Profile
Calling Search Space	< None >
AAR Calling Search Space	< None >
Media Resource Group List	SW_MRGL
User Hold MOH Audio Source	1-SampleAudioSource
Network Hold MOH Audio Source	1-SampleAudioSource
Location*	Hub_None
User Locale	< None >
Network Locale	< None >
Built In Bridge*	Default
Privacy*	Default
Owner User ID	< None >
Phone Load Name	

Ignore Presentation Indicators (internal calls only)
 Allow Control of Device from CTI

Protocol Specific Information
Packet Capture Mode* None

Discussions Discussions not available on https://172.25.67.133/

Done Local intranet



Phone Configuration - Microsoft Internet Explorer provided by Cisco Systems, Inc.

File Edit View Favorites Tools Help

Back Search Favorites

Protocol Specific Information

Packet Capture Mode* None

Packet Capture Duration 0

Presence Group* Standard Presence group

SIP Dial Rules < None >

MTP Preferred Originating Codec* 711ulaw

Device Security Profile* Cisco 7970 - Standard SIP Non-Secure Profile

Rerouting Calling Search Space < None >

SUBSCRIBE Calling Search Space < None >

SIP Profile* Standard SIP Profile

Digest User < None >

Media Termination Point Required

Unattended Port

Require DTMF Reception

Certification Authority Proxy Function (CAPF) Information

Certificate Operation* No Pending Operation

Authentication Mode* By Null String

Authentication String

Generate String

Key Size (Bits)* 1024

Operation Completes By 2006 11 23 12 (YYYY:MM:DD:HH)

Certificate Operation Status: None

Note: Security Profile Contains Addition CAPF Settings.

External Data Locations Information (Leave blank to use default)

Information

Directory

Messages

Services

Authentication Server

Proxy Server

Idle

Idle Timer (seconds)

Extension Information

Enable Extension Mobility

Log Out Profile -- Not Selected --

Login in User ID < None >

Discussions not available on https://172.25.67.133/

Done Local intranet



Phone Configuration - Microsoft Internet Explorer provided by Cisco Systems, Inc.

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Refresh Print Mail Phone

Enable Extension Mobility
Log Out Profile -- Not Selected --
Login in User ID < None >
Log in Time < None >
Log out Time < None >

MLPP Information
MLPP Domain 000000

Secure Shell Information
Secure Shell User
Secure Shell Password

Product Specific Configuration Layout ?

Disable Speakerphone
 Disable Speakerphone and Headset

PC Port *	Enabled
Settings Access*	Enabled
Gratuitous ARP*	Enabled
PC Voice VLAN Access*	Enabled
Video Capabilities*	Disabled
Auto Line Select*	Disabled
Web Access*	Enabled
Days Display Not Active	Sunday Monday Tuesday
Display On Time	07:30
Display On Duration	10:30
Display Idle Timeout	01:00
Span to PC Port*	Disabled
Logging Display*	PC Controlled
Load Server	

Save Delete Copy Reset Add New

i *- indicates required item.
i **- Device reset is not required for changes to Packet Capture Mode and Packet Capture Duration.
i ***Note: Security Profile Contains Addition CAPF Settings.

Discussions | Discussions not available on https://172.25.67.133/

Done Local intranet



SIP Phone Ext. 3508 Directory Number Level Configuration

The screenshot displays the Cisco Unified CallManager Administration web interface in Microsoft Internet Explorer. The browser title is "Directory Number Configuration - Microsoft Internet Explorer provided by Cisco Systems, Inc.". The navigation bar shows "Cisco Unified CallManager Administration" with a "Go" button and "Logged in as: CCMAdministrator". The main navigation menu includes "System", "Call Routing", "Media Resources", "Voice Mail", "Device", "Application", "User Management", "Bulk Administration", and "Help". The "Log Off" button is visible in the top right.

The "Directory Number Configuration" page is active, showing the following configuration details:

- Status:** Ready
- Directory Number Information:**
 - Directory Number*: 3508
 - Route Partition: < None >
 - Description: 7970 3508
 - Alerting Name: SIP_3508A
 - ASCII Alerting Name: SIP_3508A
 - Allow Control of Device from CTI
 - Associated Devices: SEP000E839C1229
 - Buttons: Edit Device, Edit Line Appearance
 - Dissociate Devices: [Empty field]
- Directory Number Settings:**
 - Voice Mail Profile: Default (Choose <None> to use system default)
 - Calling Search Space: < None >
 - Presence Group*: Standard Presence group
 - AAR Group: < None >
 - User Hold MOH Audio Source: 1-SampleAudioSource
 - Network Hold MOH Audio Source: 1-SampleAudioSource
 - Auto Answer*: Auto Answer Off
- Call Forward and Call Pickup Settings:**

	Voice Mail	Destination	Calling Search Space
Forward All	<input type="checkbox"/> or	[Empty field]	< None >
Secondary Calling Search Space for Forward All			< None >
Forward Busy Internal	<input type="checkbox"/> or	[Empty field]	< None >
Forward Busy External	<input type="checkbox"/> or	[Empty field]	< None >

The browser's address bar shows "Discussions not available on https://172.25.67.133/". The status bar at the bottom indicates "Done" and "Local intranet".



Directory Number Configuration - Microsoft Internet Explorer provided by Cisco Systems, Inc.

File Edit View Favorites Tools Help

Back Search Favorites

Forward Busy Internal	<input type="checkbox"/> or	<input type="text"/>	< None >
Forward Busy External	<input type="checkbox"/> or	<input type="text"/>	< None >
Forward No Answer Internal	<input type="checkbox"/> or	<input type="text"/>	< None >
Forward No Answer External	<input type="checkbox"/> or	<input type="text"/>	< None >
Forward No Coverage Internal	<input type="checkbox"/> or	<input type="text"/>	< None >
Forward No Coverage External	<input type="checkbox"/> or	<input type="text"/>	< None >
Forward on CTI Failure	<input type="checkbox"/> or	<input type="text"/>	< None >

No Answer Ring Duration (seconds)

Call Pickup Group

MLPP Alternate Party Settings

Target (Destination)

MLPP Calling Search Space

MLPP No Answer Ring Duration (seconds)

Line 1 on Device SEP000E839C1229

Display (Internal Caller ID) Display text for a line appearance is intended for displaying text such as a name instead of a directory number for internal calls. If you specify a number, the person receiving a call may not see the proper identity of the caller.

ASCII Display (Internal Caller ID)

Line Text Label

ASCII Line Text Label

External Phone Number Mask

Message Waiting Lamp Policy*

Ring Setting (Phone Idle)*

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

Multiple Call/Call Waiting Settings on Device SEP000E839C1229

Note: The range to select the Max Number of calls is: 1-46

Maximum Number of Calls*

Busy Trigger* (Less than or equal to Max. Calls)

Forwarded Call Information Display on Device SEP000E839C1229

Caller Name

Caller Number

Redirected Number

Dialed Number

Save Delete Copy Reset Add New

Discussions not available on https://172.25.67.133/

Done Local intranet



Route Pattern to Alcatel PBX digital phone extensions Configuration

The screenshot displays the Cisco Unified CallManager Administration web interface. The browser title is "Route Pattern Configuration - Microsoft Internet Explorer provided by Cisco Systems, Inc.". The page header includes "Cisco Unified CallManager Administration" and "Logged in as: CCMAAdministrator". The navigation menu shows "System", "Call Routing", "Media Resources", "Voice Mail", "Device", "Application", "User Management", "Bulk Administration", and "Help". The "Route Pattern Configuration" section is active, showing the configuration for a route pattern named "600X".

Status: Status: Ready

Pattern Definition

- Route Pattern*: 600X
- Route Partition: < None >
- Description: SIP Route to Alcatel
- Numbering Plan: -- Not Selected --
- Route Filter: < None >
- MLPP Precedence*: Default
- Gateway/Route List*: Alcatel_SIP (Edit) Find
- Route Option: Route this pattern, Block this pattern No Error
- Call Classification*: OnNet
- 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: [Empty]
- Prefix Digits (Outgoing Calls): [Empty]
- 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: [Empty]

The browser status bar shows "Done" and "Local intranet".



Route Pattern Configuration - Microsoft Internet Explorer provided by Cisco Systems, Inc.

File Edit View Favorites Tools Help

Back Search Favorites

Route Partition: < None >
Description: SIP Route to Alcate|
Numbering Plan: -- Not Selected --
Route Filter: < None >
MLPP Precedence*: Default
Gateway/Route List*: Alcate_SIP (Edit) Find
Route Option: Route this pattern Block this pattern No Error
Call Classification*: OnNet
 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
Network Service Protocol: -- Not Selected --
Carrier Identification Code:
Network Service: -- Not Selected -- Service Parameter Name: < Not Exist > Service Parameter Value:

Save Delete Copy Add New

*- indicates required item.

Discussions Discussions not available on https://172.25.67.133/

Done Local intranet



Voice Mail Ports to Unity Voice Mail system

Find and List Voice Mail Ports - Microsoft Internet Explorer provided by Cisco Systems, Inc.

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites

Navigation Cisco Unified CallManager Administration Go

Cisco Unified CallManager Administration For Cisco Unified Communications Solutions Logged in as: CCMAdministrator

System Call Routing Media Resources Voice Mail Device Application User Management Bulk Administration Help Log Off

Find and List Voice Mail Ports

Status
8 records found

Search Options
Find Voice Mail Port where Device Name begins with Find Search Within Results

(device.name begins with any)

Device Name	Description	Device Pool	Device Security Mode	Status	IP Address	Copy
<input type="checkbox"/> CiscoUM1-V11	Unity VM Ports	Default	Non Secure Voice Mail Port	Registered with cm-kings	172.20.150.252	
<input type="checkbox"/> CiscoUM1-V12	Unity VM Ports	Default	Non Secure Voice Mail Port	Registered with cm-kings	172.20.150.252	
<input type="checkbox"/> CiscoUM1-V13	Unity VM Ports	Default	Non Secure Voice Mail Port	Registered with cm-kings	172.20.150.252	
<input type="checkbox"/> CiscoUM1-V14	Unity VM Ports	Default	Non Secure Voice Mail Port	Registered with cm-kings	172.20.150.252	
<input type="checkbox"/> UnityP10-V11	UnityP10 - Standalone PIMG/TIMG	Default	Non Secure Voice Mail Port	Registered with cm-kings	172.20.17.254	
<input type="checkbox"/> UnityP10-V12	UnityP10 - Standalone PIMG/TIMG	Default	Non Secure Voice Mail Port	Registered with cm-kings	172.20.17.254	
<input type="checkbox"/> UnityP10-V13	UnityP10 - Standalone PIMG/TIMG	Default	Non Secure Voice Mail Port	Registered with cm-kings	172.20.17.254	
<input type="checkbox"/> UnityP10-V14	UnityP10 - Standalone PIMG/TIMG	Default	Non Secure Voice Mail Port	Registered with cm-kings	172.20.17.254	

Add New Select All Clear All Delete Selected Reset Selected Rows per Page 50

Discussions Discussions not available on https://172.25.67.133/ Local intranet



Voice Mail Port Configuration - Microsoft Internet Explorer provided by Cisco Systems, Inc.

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Refresh Print Mail Stop

Navigation Cisco Unified CallManager Administration Go

Cisco Unified CallManager Administration For Cisco Unified Communications Solutions Logged in as: CCMAdministrator

System Call Routing Media Resources Voice Mail Device Application User Management Bulk Administration Help Log Off

Voice Mail Port Configuration Related Links: Back To Find/List Go

Status
Status: Ready

Device Information

Registration	Registered with Cisco Unified CallManager cm-kings
IP Address	172.20.150.252
Port Name*	CiscoUM1-VI1
Description	Unity VM Ports
Device Pool*	Default
Calling Search Space	< None >
AAR Calling Search Space	< None >
Location*	Hub_None
Device Security Mode*	Non Secure Voice Mail Port

Directory Number Information

Directory Number*	3591
Partition	< None >
Calling Search Space	< None >
AAR Group	< None >
Internal Caller ID Display	VoiceMail
Internal Caller ID Display (ASCII format)	VoiceMail
External Number Mask	

Save Delete Copy Reset Add New

*- indicates required item.

Discussions Discussions not available on https://172.25.67.133/

Done Local intranet



Voice Mail Pilot for Unity Voice Mail system

The screenshot shows the Cisco Unified CallManager Administration web interface in Microsoft Internet Explorer. The browser title is "Voice Mail Pilot Configuration - Microsoft Internet Explorer provided by Cisco Systems, Inc.". The interface includes a navigation menu with options like System, Call Routing, Media Resources, Voice Mail, Device, Application, User Management, Bulk Administration, and Help. The main content area is titled "Voice Mail Pilot Configuration" and shows the following configuration details:

- Status:** Ready
- Voice Mail Pilot Information:**
 - Voice Mail Pilot Number: 3590
 - Calling Search Space: < None >
 - Description: Default
 - Make this the default Voice Mail Pilot for the system

At the bottom of the configuration section, there are buttons for "Save", "Delete", and "Add New". A note below the buttons states: "i *- indicates required item." The browser's status bar at the bottom shows "Done" and "Local intranet".



Voice Mail Profile for Unity Voice Mail system

The screenshot displays the Cisco Unified CallManager Administration web interface. The browser window title is "Voice Mail Profile Configuration - Microsoft Internet Explorer provided by Cisco Systems, Inc.". The page header includes "Cisco Unified CallManager Administration" and "Logged in as: CCMAAdministrator". The navigation menu shows "Voice Mail" selected. The main content area is titled "Voice Mail Profile Configuration" and shows the following details:

- Status:** Ready
- Voice Mail Profile Information:**
 - Voice Mail Profile: Default (used by 12 devices)
 - Voice Mail Profile Name*: Default
 - Description: Default voice messaging profile
 - Voice Mail Pilot**: 3590/< None >
 - Voice Mail Box Mask: (empty)
 - Make this the default Voice Mail Profile for the System

Buttons for "Save", "Delete", "Copy", "Reset", and "Add New" are visible. Informational notes at the bottom explain the asterisk notation: "*- indicates required item." and "**- The Voice Mail Pilot is comprised of the Voice Mail Pilot Number and it's corresponding Calling Search Space Name (< Voice Mail Pilot Number >/< Calling Search Space >)."



Voice Mail MWI ON and OFF for Unity Voice Mail system

The screenshot shows the Cisco Unified CallManager Administration web interface in Microsoft Internet Explorer. The browser title is "Message Waiting Configuration - Microsoft Internet Explorer provided by Cisco Systems, Inc.". The interface includes a navigation menu with options like System, Call Routing, Media Resources, Voice Mail, Device, Application, User Management, Bulk Administration, and Help. The current page is "Message Waiting Configuration" and is logged in as "CCMAdministrator".

The "Message Waiting Configuration" section displays the following information:

- Status:** Status: Ready
- Message Waiting Information:**
 - Message Waiting Number*: 3698
 - Partition: < None >
 - Description: MWI ON
 - Message Waiting Indicator*: On Off
 - Calling Search Space: < None >

Buttons for "Save", "Delete", "Copy", and "Add New" are visible below the configuration fields. A note at the bottom states: "* - indicates required item." A small notification window in the bottom right corner reads: "Larry Whitfill (lwhitfil) CCM 5.0 RFP Responses We are responding to an RFP for the Health and Human Services Commission in Texas. They have asked for".



Message Waiting Configuration - Microsoft Internet Explorer provided by Cisco Systems, Inc.

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Refresh Print Mail Stop

Navigation Cisco Unified CallManager Administration Go

Cisco Unified CallManager Administration For Cisco Unified Communications Solutions Logged in as: CCMAAdministrator

System Call Routing Media Resources Voice Mail Device Application User Management Bulk Administration Help Log Off

Message Waiting Configuration Related Links: Back To Find/List Go

Status
Status: Ready

Message Waiting Information

Message Waiting Number*	3599
Partition	< None >
Description	MWI OFF
Message Waiting Indicator*	<input type="radio"/> On <input checked="" type="radio"/> Off
Calling Search Space	< None >

Save Delete Copy Add New

*- indicates required item.

Discussions | Discussions not available on https://172.25.67.133/

Done Local intranet



Voice Mail Line Group

Line Group Configuration - Microsoft Internet Explorer provided by Cisco Systems, Inc.

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites

Line Group Configuration Related Links: Back To Find/List Go

Line Group Information

Line Group Name* CiscoUM1

RNA Reversion Timeout* 10

Distribution Algorithm* Top Down

Hunt Options

No Answer* Try next member; then, try next group in Hunt List

Busy** Try next member; then, try next group in Hunt List

Not Available** Try next member; then, try next group in Hunt List

Line Group Member Information

Find Directory Numbers to Add to Line Group

Partition < None >

Directory Number Contains Find

Available DN/Route Partition

- 1000
- 3501
- 3502
- 3503
- 3504

Add to Line Group

Current Line Group Members

Reverse Order of Selected DN/Route Partitions

Selected DN/Route Partition

- 3591
- 3592
- 3593
- 3594

Removed DN/Route Partition

Directory Numbers

- 771 3591 (no partition)
- 771 3592 (no partition)
- 771 3593 (no partition)
- 771 3594 (no partition)

Discussions Discussions not available on https://172.25.67.133/

Done Local intranet



Directory Number Configuration - Microsoft Internet Explorer provided by Cisco Systems, Inc.

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Refresh Print Mail Stop

Navigation Cisco Unified CallManager Administration Go

Cisco Unified CallManager Administration For Cisco Unified Communications Solutions Logged in as: CCMAdministrator

System Call Routing Media Resources Voice Mail Device Application User Management Bulk Administration Help Log Off

Directory Number Configuration Related Links: Back To Find/List Go

Status
Status: Ready

Directory Number Information

Directory Number* 3591
Route Partition < None >
Description
Alerting Name VoiceMail
ASCII Alerting Name
Line Group CiscoUM1 [Edit Line Group](#)
Associated Devices CiscoUM1-V11 [Edit Device](#)
[Edit Line Appearance](#)
Dissociate Devices

Directory Number Settings

Voice Mail Profile NoVoiceMail (Choose <None> to use system default)
Calling Search Space < None >
Presence Group* Standard Presence group
AAR Group < None >
User Hold MOH Audio Source < None >
Network Hold MOH Audio Source < None >

Call Forward and Call Pickup Settings

	Voice Mail	Destination	Calling Search Space
Forward All	<input type="checkbox"/> or		< None >
Secondary Calling Search Space for Forward All			< None >
Forward Busy Internal	<input type="checkbox"/> or		< None >
Forward Busy External	<input type="checkbox"/> or		< None >

Discussions Discussions not available on https://172.25.67.133/

Done Local intranet



Directory Number Configuration - Microsoft Internet Explorer provided by Cisco Systems, Inc.

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Refresh Print Mail Stop

Edit Line Appearance

Dissociate Devices

Directory Number Settings

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

Calling Search Space: <None >

Presence Group*: Standard Presence group

AAR Group: <None >

User Hold MOH Audio Source: <None >

Network Hold MOH Audio Source: <None >

Call Forward and Call Pickup Settings

	Voice Mail	Destination	Calling Search Space
Forward All	<input type="checkbox"/> or	<input type="text"/>	<None >
Secondary Calling Search Space for Forward All			<None >
Forward Busy Internal	<input type="checkbox"/> or	<input type="text"/>	<None >
Forward Busy External	<input type="checkbox"/> or	<input type="text"/>	<None >
Forward No Answer Internal	<input type="checkbox"/> or	<input type="text"/>	<None >
Forward No Answer External	<input type="checkbox"/> or	<input type="text"/>	<None >
Forward No Coverage Internal	<input type="checkbox"/> or	<input type="text"/>	<None >
Forward No Coverage External	<input type="checkbox"/> or	<input type="text"/>	<None >
Forward on CTI Failure	<input type="checkbox"/> or	<input type="text"/>	<None >
No Answer Ring Duration (seconds)	<input type="text"/>		
Call Pickup Group	<input type="text"/>		<None >

MLPP Alternate Party Settings

Target (Destination):

MLPP Calling Search Space: <None >

MLPP No Answer Ring Duration (seconds):

Save Delete Copy Reset Add New

i *- indicates required item.
i **- Changes to Line or Directory Number settings require restart.

Discussions not available on https://172.25.67.133/

Done Local intranet



Voice Mail Hunt List

Hunt List Configuration - Microsoft Internet Explorer provided by Cisco Systems, Inc.

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites Recycle Bin Print Mail Internet Options

Navigation Cisco Unified CallManager Administration Go

Cisco Unified CallManager Administration For Cisco Unified Communications Solutions Logged in as: CCMAdministrator

System Call Routing Media Resources Voice Mail Device Application User Management Bulk Administration Help Log Off

Hunt List Configuration Related Links: Back To Find/List Go

Status
Status: Ready

Hunt List Information

Name* VM_HuntList
Description Unity VM HuntList
Cisco Unified CallManager Group* Default
 Enable this Hunt List (change effective on Save; no reset required)

Hunt List Member Information

Add Line Group

Selected Groups** CiscoUM1

Removed Groups***

Hunt List Details
CiscoUM1

Save Delete Copy Reset Add New

*- indicates required item.
 **ordered by highest priority
 ***will be removed from Hunt List when you click Save

Discussions Discussions not available on https://172.25.67.133/

Done Local intranet



Voice Mail Hunt Pilot

Hunt Pilot Configuration - Microsoft Internet Explorer provided by Cisco Systems, Inc.

Navigation Cisco Unified CallManager Administration Go

Cisco Unified CallManager Administration For Cisco Unified Communications Solutions Logged in as: CCMAdministrator

System Call Routing Media Resources Voice Mail Device Application User Management Bulk Administration Help Log Off

Hunt Pilot Configuration Related Links: Back To Find/List Go

Status
Status: Ready

Pattern Definition

Hunt Pilot* 1590

Route Partition < None >

Description VM_Pilot

Numbering Plan < None >

Route Filter < None >

MLPP Precedence* Default

Hunt List* VM_HuntList (Edit)

Route Option
 Route this pattern
 Block this pattern No Error

Provide Outside Dial Tone Urgent Priority

Hunt Forward Settings

	Use Personal Preferences	Destination	Calling Search Space
Forward Hunt No Answer	<input type="checkbox"/> or		< None >
Forward Hunt Busy	<input type="checkbox"/> or		< None >
Maximum Hunt Timer			

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

Discussions Discussions not available on https://172.25.67.133/

Done Local intranet



Hunt Pilot Configuration - Microsoft Internet Explorer provided by Cisco Systems, Inc.

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Refresh Print Mail Stop

Route Partition: < None >
Description: VM_Pilot
Numbering Plan: < None >
Route Filter: < None >
MLPP Precedence*: Default
Hunt List*: VM_HuntList (Edit)
Route Option: Route this pattern, Block this pattern No Error
 Provide Outside Dial Tone Urgent Priority

Hunt Forward Settings

	Use Personal Preferences	Destination	Calling Search Space
Forward Hunt No Answer	<input type="checkbox"/> or		< None >
Forward Hunt Busy	<input type="checkbox"/> or		< None >
Maximum Hunt Timer			

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):

AAR Group Settings

AAR Group: < None >
External Number Mask:

Save Delete Copy Add New

*- indicates required item.

Discussions | Discussions not available on https://172.25.67.133/

Done Local intranet



Cisco Unity Configuration

Cisco Unity Software Version

The screenshot shows the Cisco Unity configuration interface in a Microsoft Internet Explorer browser window. The browser title is "Cisco Unity - System - Microsoft Internet Explorer provided by Cisco Systems, Inc." and the address bar shows "http://172.25.67.132/Web/SA/FrameASP/SysFrame.asp?NavWidth=205". The main content area is titled "Configuration" and "Software Versions". It displays a list of software components and their versions:

Cisco Unity Version	4.1
Build Number	4.1(1)
Windows Server Version	Microsoft Windows 2000 build 2195 (Service Pack 4)
System Administrator DLL	4.1.0.237
AVLOGMGRSVR	4.1.0.111
AVRESLOADERSVR	4.0.4.53
DOH	4.1.0.259
AvResMgr	4.0.3.46
AvMiuSvr	4.1.0.209
AVVIRTUALQUEUESVR	4.0.3.21
AVSASCHEDULERSVR	4.0.4.39
AvRulerSvr	4.0.3.86
AVARBITERSVR	4.1.0.220
AVCONVENSVR	4.1.0.146
AvPhraseServerSvr	4.1.0.89
AVPAGERCONVSVR	4.1.0.118
AVFAILURECONVSVR	4.0.3.34
AVCONVMGRSVR	4.1.0.146
AVDOHMMSVR	4.0.4.2
AvStatMonSvr	4.1.0.105
AVTrapSVR	4.1.0.84
AVRSASVR	4.0.4.21

At the bottom left of the configuration page, there is a "Cisco Unity" logo and a "Log off" link. The footer of the browser window shows "© 1998-2005 Cisco Systems, Inc." and "Local intranet".



Cisco Unity Integration

Cisco Unity - Integration - Microsoft Internet Explorer provided by Cisco Systems, Inc.

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Refresh Print Mail Stop

Address http://172.25.67.132/Web/SA/FrameASP/IntegrationFrame.asp?NavWidth=205 Go

Integration

Cisco CallManager

Integrations

Cisco CallManager

Integration Type	Cisco CallManager
Switch File	cisco0002.ini

CM-KINGS

Primary Server	172.20.150.251:2000
Device Name Prefix	CiscoUM1-VI
MWI On Extension	3598
MWI Off Extension	3599
Reconnect After CallManager Failback	Yes

CCM41

Primary Server	172.20.150.253:2000
Device Name Prefix	CCM41-VI
MWI On Extension	3698
MWI Off Extension	3699
Reconnect After CallManager Failback	Yes

CM-MOON

Primary Server	172.20.201.254:2000
Device Name Prefix	MoonUM1-VI
MWI On Extension	4198
MWI Off Extension	4199
Reconnect After CallManager Failback	Yes

CM-LAKERS

Primary Server	172.20.152.253:2000
Device Name Prefix	Lakers-VI
MWI On Extension	6198
MWI Off Extension	6199
Reconnect After CallManager Failback	Yes

Cisco Unity Log off

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Discussions Discussions not available on http://172.25.67.132/

Done Local intranet



Cisco Unity Voice Mail Ports

Cisco Unity - Ports - Microsoft Internet Explorer provided by Cisco Systems, Inc.

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Refresh Print Mail Stop

Address http://172.25.67.132/Web/SA/FrameASP/PortFrame.asp?NavWidth=205 Go

Ports

Port	Integration	Cluster	Extension	Enabled	Answer Calls	Message Notification	Dialout MWI	TRAP Connection
1	Cisco CallManager	CM-KINGS	3591	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	Cisco CallManager	CM-KINGS	3592	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	Cisco CallManager	CM-KINGS	3593	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	Cisco CallManager	CM-KINGS	3594	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5	Cisco CallManager	CCM41	3691	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	Cisco CallManager	CCM41	3692	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	Cisco CallManager	CCM41	3693	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	Cisco CallManager	CCM41		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	Cisco CallManager	CM-MOON		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	Cisco CallManager	CM-MOON		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11	Cisco CallManager	CM-MOON		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12	Cisco CallManager	CM-MOON		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13	Cisco CallManager	CM-LAKERS	6101	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14	Cisco CallManager	CM-LAKERS	6102	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15	Cisco CallManager	CM-LAKERS	6103	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16	Cisco CallManager	CM-LAKERS	6104	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Cisco Unity Log off

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Discussions Discussions not available on http://172.25.67.132/

Done Local intranet



Acronyms

Acronym	Definitions
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
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
CUCM	Cisco Unified CallManager
DNS	Domain Name Server
FQDN	Fully Qualified Domain Name
MWI	Message Waiting Indicator
PSTN	Public Switched Telephone Network
SIP	Session Initiated Protocol



Important Information

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**Corporate
Headquarters**

Cisco Systems, Inc.
170 West Tasman Drive
San Jose, CA 95134-1706
USA
www.cisco.com
Tel: 408 526-4000
800 553-NETS (6387)
Fax: 408 526-4100

**European
Headquarters**

Cisco Systems International
BV
Haarlerbergpark
Haarlerbergweg 13-19
1101 CH Amsterdam
The Netherlands
www-europe.cisco.com
Tel: 31 0 20 357 1000
Fax: 31 0 20 357 1100

**Americas
Headquarters**

Cisco Systems, Inc.
170 West Tasman Drive
San Jose, CA 95134-1706
USA
www.cisco.com
Tel: 408 526-7660
Fax: 408 527-0883

**Asia Pacific
Headquarters**

Cisco Systems, Inc.
Capital Tower
168 Robinson Road
#22-01 to #29-01
Singapore 068912
www.cisco.com
Tel: +65 317 7777
Fax: +65 317 7799

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