



Avaya S8500 Communication Manager 3.0 using SIP Trunk to Cisco Unified Communications Manager Release 6.0

July, 26 2007 Initial Version

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Introduction

The purpose of this document is to detail the steps and configurations necessary for Cisco Unified Communications Manager 6.0 to interoperate with the Avaya S8500 Communication Server 3.0.

Tested were the following items:

1. Basic call between the two systems and verification of voice path using, on the Avaya side, both SIP and digital phones, and on the Cisco side using SIP and SCCP IP phones.
2. CLIP/CLIR/CNIP/CNIR features - Calling Party Name and Number delivery (Allowed and Restricted)
3. COLP/CONP/COLR/CONR features - Connected Name and Number delivery (Allowed and Restricted)
4. Call Transfer (Blind, Attended, Early Attended)
5. Call Forwarding (CFA - Call Forward All, CFB - Call Forward Busy, CFNA - Call Forward No Answer)
6. Hold and Resume with Music On-Hold
7. Three-way conferencing
8. Voice Messaging and MWI activation-deactivation
9. DTMF-relay via RFC2833

Highlight of integration issues.

1. Basic call worked. However, it required MTP resource for Supplementary features such as Call Transfer, Hold/Resume, RFC2833 DTMF-relay, etc. Therefore, the "Media Termination Point Required" box must be checked under the SIP Trunk configuration in order for the two systems to interoperate successfully.
2. The method used to pass the phone name and number information across the SIP trunk is different. Cisco Unified Communications Manager uses the "Remote-Party-Id" field while Avaya S8500 and Proxy uses the "P-Asserted-Id" field. Since both parties do not understand each other's Caller ID method, they extract the calling party name and number information from the SIP INVITE From header.
3. Cisco Unified Communications Manager supports the sending and receiving of both the calling name and number on the SIP and SCCP phones since CUCM populates the INVITE From header with name and number. Avaya S8500/Proxy supports the sending and receiving of the calling name and number only for their digital station phone because for the digital stations AVAYA PBX populates the INVITE From header with name and number. However, for their SIP Phone, AVAYA does not include the **name** in the SIP INVITE From: header, it only supports the sending of the calling number information. As for the receiving of the name and number information, their digital station phones will display both calling name and number but their SIP phone will only display the name information portion. For example, when Cisco Unified Communications Manager called Avaya digital station phone, the calling name and number will be correctly displayed on the Avaya digital phone. However, when Cisco Unified Communications Manager called Avaya SIP phone, only calling name will be displayed on the Avaya SIP phone. On the other hand, when Avaya SIP phone calls Cisco Unified Communications Manager, only the number will be sent to Cisco Unified Communications Manager. If they used Avaya digital station phone, both name and number will be sent to Cisco Unified Communications Manager.
4. Cisco Unified Communications Manager supports both the calling name and number restriction (CLIR/CNIR) features. However, Avaya does not allow the ability to configure the Calling Party Name Restriction. This feature is not available across SIP Trunks. As for the calling number restriction, there is a parameter under the Station configuration called "Per Station CPN - send calling number" which we can set to "No" or "Restricted". However, this has no effect at all. Furthermore, with SIP station phone and this parameters set to be "Restricted", the number information is still transmitted across the SIP trunks. Also, when the Avaya SIP phone placed outbound call, it doesn't include the name information in the outgoing SIP INVITE message toward the Avaya SIP Proxy server (no name information within the P-Asserted-Id field or the SIP From header).
5. For connected name and number presentation and restriction features, Cisco Unified Communications Manager support both features using the "Remote-Party-Id" and "Privacy" fields. However, Avaya S8500 does not support these features across SIP Trunk. Furthermore, Avaya S8500 SIP server does not honor the restricted connected party number from Cisco Unified Communications Manager SIP Stations since it doesn't understand the Remote-Party-Id and Privacy fields.



6. There is no Alerting Name support across SIP Trunk due to different method used by each system to pass the name and number information across. Avaya uses PAI (P-Asserted-ID) and Cisco Unified Communications Manager uses RPID (Remote-Party-ID). Since both systems do not interoperate with one another, the dialing phones kept the display of the dialed number on the phone display and didn't updated it with the Alerting name information
7. Both systems support Attended and Early Attended Call Transfer feature. However, they are not able to update the phone displays properly after the transfer is completed. This is due to the difference between the method each system uses to pass name and number information. For details see item 2.
8. Both Avaya S8500 and Cisco Unified Communications Manager TNP phones (7961, 7970, 7971 and 7911) phones do not support SIP Blind Call Transfer.
9. Both systems support Call Forwarding (CFU, CFB, and CFNA) features. However, they are not able to update the phone displays properly after the call is forwarded. This is due to the difference between the method each system uses to pass name and number information. For details see item 2.
10. Both systems support call conferencing using their local media resources. However, if the conferencing phone is an Avaya SIP phone, the remaining conferenced parties will be dropped from the call once the conferencing phone drops (hangs-up) off the bridge.
11. Call Completion (Callback) Feature is not supported on either systems using standard SIP protocol.
12. Voice Messaging doesn't work across SIP Trunk between Cisco Unified Communications Manager and Avaya S8500 PBX. Cisco Unified Communications Manager uses the SIP Diversion header to pass the redirect information to the device which hosts the VM system. However, Avaya SIP Proxy and S8500 do not support the SIP Diversion header. Therefore, without the redirect information, the VM system treats the call as a direct access call and not a forwarded call.
13. MWI does not work across SIP Trunk. Cisco Unified Communications Manager uses SIP Notify message for MWI notification. However, Avaya SIP Proxy and S8500 Server did not forward the Notify SIP message with SDPinfo Message Waiting=yes/no to the endpoint device. Furthermore, Avaya S8500 and SIP Proxy Server does not send out MWI notification via SIP Trunk.

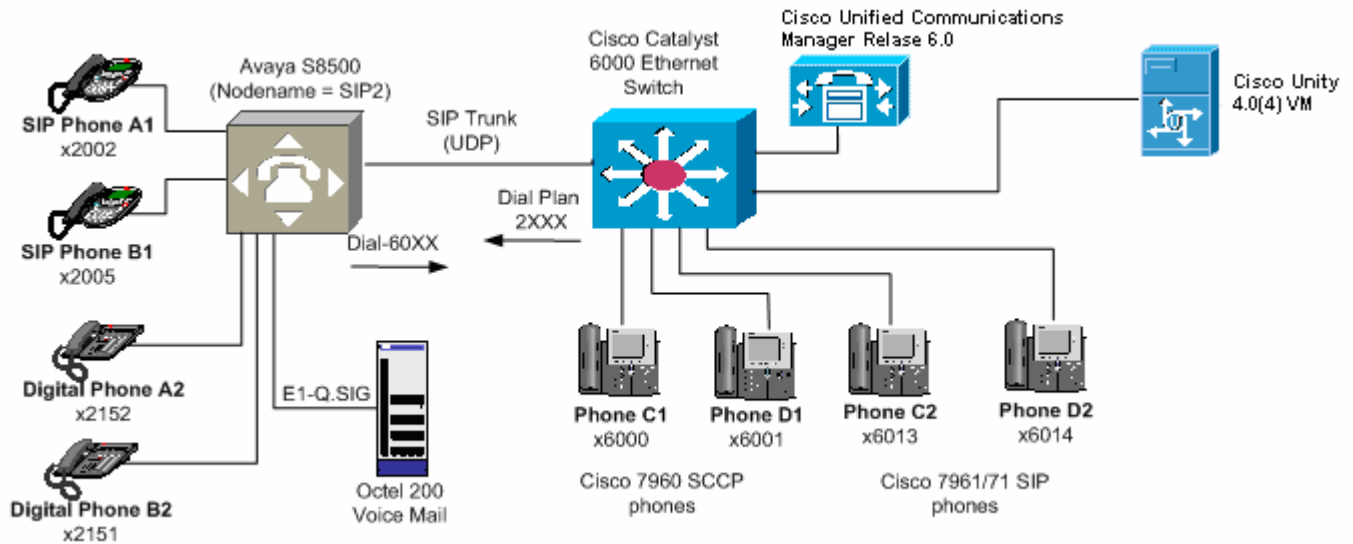
Key Results:

1. Cisco Unified Communications Manager and Avaya S8500 use different method of passing the name and number information. Cisco Unified Communications Manager uses the "Remote-Party-Id" field while Avaya S8500 and Proxy uses the "P-Asserted-Id" field
2. Basic call, Call Transfer, Call Forwarding, Conference Call, Hold and Resume all work fine with exception of the phone name and number display not being updated correctly.
3. DTMF-relay using RFC2833 worked bidirectional.
4. "Media Termination Point Required" check box must be enabled on the Cisco Unified Communications Manager SIP Trunk.



Network Topology

Figure 1. Network Topology or Test Setup



Limitations

No support for MWI- Message Waiting Indication (lamp ON, lamp OFF) across the SIP Trunk

No support for Callback across SIP trunk

CLIP/CLIR/CNIP/CNIR features – Some interoperability is achieved. Where there exists non-interoperability the cause is the method used by each system to carry name and number information. For details see Highlight of Integration issues, listed above.

COLP/CONP/COLR/CONR features - Some interoperability is achieved. Where there exists non-interoperability the cause is the method used by each system to carry name and number information. For details see Highlight of Integration issues, listed above.

System Components

Hardware Requirements

Cisco Unified Communications Manager MCS -7835H server,

Unity server MCS-7835H

Catalyst switch 6509 with WS-X6K-Sup1A-2GE and WS-X6348

Cisco 7961 and 7960 IP phones

Avaya S8500 PBX and Avaya IP Media Processor

Avaya SIP Proxy Server,

Avaya SIP (4620SW) and digital (6408D) station phones

Software Requirements

Cisco Unified Communications Manager Release 6.0.1.1000-37

Cisco Unity Release 4.0(4)



Avaya Communication Manager Release 3.0

Catalyst 6000 with IOS release: WS-C6506 Software, Version NmpSW: 7.6(8)

Features

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.

Features Not Supported

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

Call Completion (Callback; Automatic Callback)

Blind Call Transfer

Configuration

Configuration Sequence and Tasks

Avaya S8500 Communication Server 3.0:

1. Configure IP Node, IP-Codec-Set, IP-Network-Region
2. Configure IP server interface
3. Configure the Signaling Group for SIP Trunk to Avaya SIP Proxy
4. Configure the Trunk Group for SIP Trunk to Avaya SIP Proxy
5. Configure SIP and Digital Station Phone extension
6. Configure the Uniform Dialing Plan to Cisco Unified Communications Manager extensions
7. Configure Route Pattern to Cisco Unified Communications Manager extensions
8. Configure the Signaling Group for E1 Q.SIG to Octel 200 Voice Mail system
9. Configure the Trunk Group for E1 Q.SIG to Octel 200 Voice Mail system
10. Configure the Uniform Dialing Plan to Octel 200 Voice Mail system
11. Configure Route Pattern for VM pilot number to the Octel 200 Voice Mail system



Avaya SIP Proxy Server:

1. Configure SIP Proxy System
2. Configure SIP Users
3. Configure remote hosts, IP address mapping and contact information
4. Configure Avaya Media Server, IP address mapping and contact information
5. Configure Media Server extensions for the SIP phones and associate them to the user list

Octel 200 Voice Mail System:

1. Configure Octel system parameters
2. Configure E1 Q.SIG to Avaya S8500 PBX
3. Configure Class of Server (COS)
4. Configure User mailbox

Cisco Unified Communications /Manager:

1. Enterprise Parameter Top Level Domain Setting
2. SIP Trunk Security Profile
3. SIP Phone Security Profile
4. Device Setting SIP Profile
5. Media Resource Group and Media Resource Group List
6. Partitions and Calling Search Space
7. Assigned MGRL in the Default Device Pool
8. SIP Trunk to Avaya SIP Proxy Server
9. SIP and SCCP Phones Device and DN configuration
10. Route Pattern to Avaya S8500 Node SIP 2
11. Route Pattern to Octel Voice Mail System Pilot Number
12. Voice Mail Ports for Unity
13. Voice Mail Pilot for Unity
14. Voice Mail Profile for Unity
15. Line Group, Hunt List and Hunt Pilot for Unity VM

Cisco Unity:

1. Configure Unity and Cisco Unified Communications Manager Integration
2. Configure Subscriber mailbox

Configuring the Avaya S8500 PBX

Avaya S8500 Software Version and Hardware Configuration List:



DEFINITY® Site Administration - [SIP2 GEDI]

File Edit View System Action Tools Window Help

SIP2

send (return) help (f5) cancel (esc) enter (f3) schedule (f9) next (f7) previous (f8) next form (f6)

SOFTWARE VERSIONS

SOFTWARE VERSION
 Memory Resident: R013x.00.0.340.3
 Disk Resident: R013x.00.0.340.3

TRANSLATION DATE
 Memory Resident: 10:00 pm THU JUL 26, 2007
 Disk Resident: 10:00 pm THU JUL 26, 2007
 Disk Second Copy: good

Command successfully completed

Ready NUM

DEFINITY® Site Administration - [SIP2 GEDI]

File Edit View System Action Tools Window Help

SIP2

send (return) help (f5) cancel (esc) enter (f3) schedule (f9) next (f7) previous (f8) next form (f6)

Port	Board Type	Code	Suffix	Vintage	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20
01A00	POWER SUPPLY	655A																						
01A01	IP SERVER INTFC	TN2312	B	HW07 FW...	01	02	03	04	05	06	07	08												
01A02	CONTROL-LAN	TN799	D	HW01 FW...	u	u	u	u	u	u	u	u	u	u	u	u	u	u	u	u	u	u	u	17
01A03	IP MEDIA PROCESSOR	TN2302	A	HW20 FW...	01	02	03	04	05	06	07	08												
01A04	DIGITAL LINE	TN2224	C	HW01 FW...	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	u	u	u	u
01A05	ANALOG LINE	TN746	B	000010	01	u	u	u	u	u	u	u	u	u	u	u	u	u	u	u	u	u	u	u
01A12	MAINTENANCE/TEST	TN771	D	HW03 FW...	u	02	03	04																
01A13	DS1 INTERFACE	TN464	F	000018	01	02	03	04	05	u	u	u	u	u	u	u	u	u	u	u	u	u	u	19
01A14	DS1 INTERFACE	TN464	G	HW06 FW...	01	02	03	04	05	06	u	u	u	u	u	u	u	u	u	u	u	u	u	19
01A	IP SERVER INTFC	TN2312	B	HW07 FW...	01	02	03	04	05	06	07	08												

Command successfully completed

Ready NUM



Avaya IP Nodes

The screenshot shows the DEFINITY Site Administration interface for SIP2 GEDI. The main window displays a table of IP nodes under the heading "NODE NAMES". The table has three columns: Type, Name, and IP Address. The data is as follows:

Type	Name	IP Address
IP	CCM3.3	172.20 .31 .254
IP	CCM4.1	172.20 .231.254
IP	CCM4.1.2	172.20 .236.2
IP	CCM5.0-VENUS	172.20 .214.254
IP	CM-KLINGON	172.20 .32 .254
IP	CM-POLARIS	172.20 .236.50
IP	CM-cluster1_s	172.20 .241.253
IP	IPIPGW	172.20 .8 .26
IP	MAvantage	172.20 .7 .252
IP	avayasip1	172.20 .212.254
IP	avayasip2	172.20 .213.254
IP	clan1	172.20 .213.253
IP	clan1server1	172.20 .212.253
IP	default	0 .0 .0 .0
IP	medpro1	172.20 .213.252
IP	procr	. . .

The interface also shows a left-hand navigation menu with options like "Start GEDI", "Add User", "Change User Name", "Remove User", "Add Bridged Appearance", "Browse Dial Ranges", "Browse Stations", "Browse Unused Ports", "Find Unused Extension", and "Print Button Labels". At the bottom, there are "Tasks" and "Tree" buttons, and a status bar indicating "Command successfully completed".



Avaya Signal Group for SIP Trunk to SIP Proxy

The screenshot shows the 'DEFINITY Site Administration - [SIP2 GEDI]' window. The left sidebar contains a 'General' section with various management tasks like 'Start GEDI', 'Add User', and 'Change User Name'. The main area displays the configuration for a 'SIGNALING GROUP' with the following parameters:

- Group Number:** 1
- Group Type:** sip
- Transport Method:** tls
- Near-end Node Name:** clan1
- Near-end Listen Port:** 5061
- Far-end Node Name:** avayasip2
- Far-end Listen Port:** 5061
- Far-end Network Region:** 1
- Far-end Domain:** lab2.com
- Bypass If IP Threshold Exceeded?** n
- DTMF over IP:** rtp-payload
- Direct IP-IP Audio Connections?** y
- IP Audio Hairpinning?** y
- Session Establishment Timer(min):** 120

The status bar at the bottom left shows 'Ready' and the bottom right shows 'NUM'.



Avaya Trunk Group 1 to the SIP Proxy

The screenshot shows the DEFINITY Site Administration interface for SIP2 GEDI. The main window displays the configuration for Trunk Group 1. The interface includes a menu bar (File, Edit, View, System, Action, Tools, Window, Help), a toolbar with various icons, and a command line at the top showing 'display trunk-group 1'. A numeric keypad is visible above the main configuration area. The configuration details are as follows:

```
TRUNK GROUP

Group Number: 1          Group Type: sip          CDR Reports: y
Group Name:  OUTSIDE CALL      COR: 1          TN: 1          TAC: 801
Direction: two-way        Outgoing Display? n
Dial Access? n           Busy Threshold: 255    Night Service:
Queue Length: 0
Service Type: tie        Auth Code? n

TRUNK PARAMETERS

Unicode Name? y

Redirect On OPTIM Failure: 5000

SCCAN? n                Digital Loss Group: 18

Signaling Group: 1
Number of Members: 6
```

On the left side, there is a 'General' sidebar with the following options: Start GEDI, Add User, Change User Name, Remove User, Add Bridged Appearance, Browse Dial Ranges, Browse Stations, Browse Unused Ports, Find Unused Extension, and Print Button Labels. Below these are 'Advanced', 'Fault & Performance', 'Tasks', and 'Tree' buttons. The status bar at the bottom left shows 'Ready' and the bottom right shows 'NUM'.



DEFINITY® Site Administration - [SIP2 GEDI]

File Edit View System Action Tools Window Help

display trunk-group 1 send (return) help (f5) cancel (esc) enter (f3) schedule (f9) next (f7) previous (f8) next form (f6)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19

TRUNK FEATURES

ACA Assignment? n Measured: none Maintenance Tests? y

Numbering Format: private

Replace Unavailable Numbers? n

General

- Start GEDI
- Add User
- Change User Name
- Remove User
- Add Bridged Appearance
- Browse Dial Ranges
- Browse Stations
- Browse Unused Ports
- Find Unused Extension
- Print Button Labels

Advanced

Fault & Performance

Tasks Tree

Ready NUM



DEFINITY® Site Administration - [SIP2 GEDI]

File Edit View System Action Tools Window Help

display trunk-group 1 send (return) help (f5) cancel (esc) enter (f3) schedule (f9) next (f7) previous (f8) next form (f6)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19

TRUNK GROUP
Administered Members (min/max): 1/6
Total Administered Members: 6

GROUP MEMBER ASSIGNMENTS

Port	Name
1: T00001	OUTSIDE CA
2: T00002	OUTSIDE CA
3: T00003	OUTSIDE CA
4: T00004	OUTSIDE CA
5: T00059	OUTSIDE CA
6: T00060	OUTSIDE CA
7:	
8:	
9:	
10:	
11:	
12:	
13:	
14:	
15:	

Start GEDI
Add User
Change User Name
Remove User
Add Bridged Appearance
Browse Dial Ranges
Browse Stations
Browse Unused Ports
Find Unused Extension
Print Button Labels

Advanced
Fault & Performance

Tasks Tree

Ready NUM



Avaya IP-Codec-Set 1 for the SIP Trunk

The screenshot shows the DEFINITY Site Administration interface for SIP2 GEDI. The main window displays the configuration for IP Codec Set 3. The interface includes a menu bar (File, Edit, View, System, Action, Tools, Window, Help), a toolbar with various icons, and a command line at the top showing 'display ip-codec-set 3'. A left-hand navigation pane lists various administrative tasks such as 'Start GEDI', 'Add User', 'Change User Name', 'Remove User', 'Add Bridged Appearance', 'Browse Dial Ranges', 'Browse Stations', 'Browse Unused Ports', 'Find Unused Extension', and 'Print Button Labels'. The main content area shows the following configuration details:

IP Codec Set

Codec Set: 3

Audio Codec	Silence Suppression	Frames Per Pkt	Packet Size(ms)
1: G.711MU	n	2	20
2:			
3:			
4:			
5:			
6:			
7:			

Media Encryption

1: none
2:
3:

The interface also shows 'Advanced' and 'Fault & Performance' tabs, and a 'NUM' field at the bottom right.



The screenshot shows the Avaya Definity Site Administration interface for SIP2. The window title is "DEFINITY® Site Administration - [SIP2 GEDI]". The menu bar includes File, Edit, View, System, Action, Tools, Window, and Help. The toolbar contains various icons and a dropdown menu set to "SIP2". Below the toolbar is a command line with "display ip-codec-set 3" and several function key shortcuts: send (return), help (f5), cancel (esc), enter (f3), schedule (f9), next (f7), previous (f8), and next form (f6). The main display area shows a table for "IP Codec Set" with the following data:

	Mode	Redundancy
FAX	relay	0
Modem	off	0
TDD/TTY	US	3
Clear-channel	n	0

The interface also features a left-hand navigation pane with a "General" section containing options like Start GEDI, Add User, Change User Name, Remove User, Add Bridged Appearance, Browse Dial Ranges, Browse Stations, Browse Unused Ports, Find Unused Extension, and Print Button Labels. Below this are "Advanced" and "Fault & Performance" sections, and "Tasks" and "Tree" buttons at the bottom. The status bar at the bottom left says "Ready" and the bottom right has a "NUM" indicator.

Avaya IP-Network-Region 1 for the SIP Trunk



DEFINITY@ Site Administration - [SIP2 GEDI]

File Edit View System Action Tools Window Help

SIP2

display ip-network-region 1 send (return) help (f5) cancel (esc) enter (f3) schedule (f9) next (f7) previous (f8) next form (f6)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19

IP NETWORK REGION

Region: 1
Location: 1 Authoritative Domain: lab2.com
Name: CiscoLAB2

Intra-region IP-IP Direct Audio: yes
Inter-region IP-IP Direct Audio: yes
IP Audio Hairpinning? n

MEDIA PARAMETERS
Codec Set: 3
UDP Port Min: 2048
UDP Port Max: 3028
RTCP Reporting Enabled? y

DIFFSERV/TOS PARAMETERS
Call Control PHB Value: 34
Audio PHB Value: 46
Video PHB Value: 26
RTCP MONITOR SERVER PARAMETERS
Use Default Server Parameters? y

802.1P/Q PARAMETERS
Call Control 802.1p Priority: 7
Audio 802.1p Priority: 6
AUDIO RESOURCE RESERVATION PARAMETERS
RSUP Enabled? n

H.323 IP ENDPOINTS
H.323 Link Bounce Recovery? y
Idle Traffic Interval (sec): 20
Keep-Alive Interval (sec): 5
Keep-Alive Count: 5

General

- Start GEDI
- Add User
- Change User Name
- Remove User
- Add Bridged Appearance
- Browse Dial Ranges
- Browse Stations
- Browse Unused Ports
- Find Unused Extension
- Print Button Labels

Advanced
Fault & Performance

Tasks Tree

Ready NUM



DEFINITY® Site Administration - [SIP2 GEDI]

File Edit View System Action Tools Window Help

SIP2

display ip-network-region 1 send (return) help (f5) cancel (esc) enter (f3) schedule (f9) next (f7) previous (f8) next form (f6)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19

IP NETWORK REGION

INTER-GATEWAY ALTERNATE ROUTING
Incoming LDN Extension:
Conversion To Full Public Number - Delete: Insert:
Maximum Number of Trunks to Use:

LSP NAMES IN PRIORITY ORDER
1
2
3
4
5
6

General

- Start GEDI
- Add User
- Change User Name
- Remove User
- Add Bridged Appearance
- Browse Dial Ranges
- Browse Stations
- Browse Unused Ports
- Find Unused Extension
- Print Button Labels

Advanced

Fault & Performance

Tasks Tree

Ready NUM



DEFINITY® Site Administration - [SIP2 GEDI]

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display ip-network-region 1 send (return) help (f5) cancel (esc) enter (f3) schedule (f9) next (f7) previous (f8) next form (f6)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19

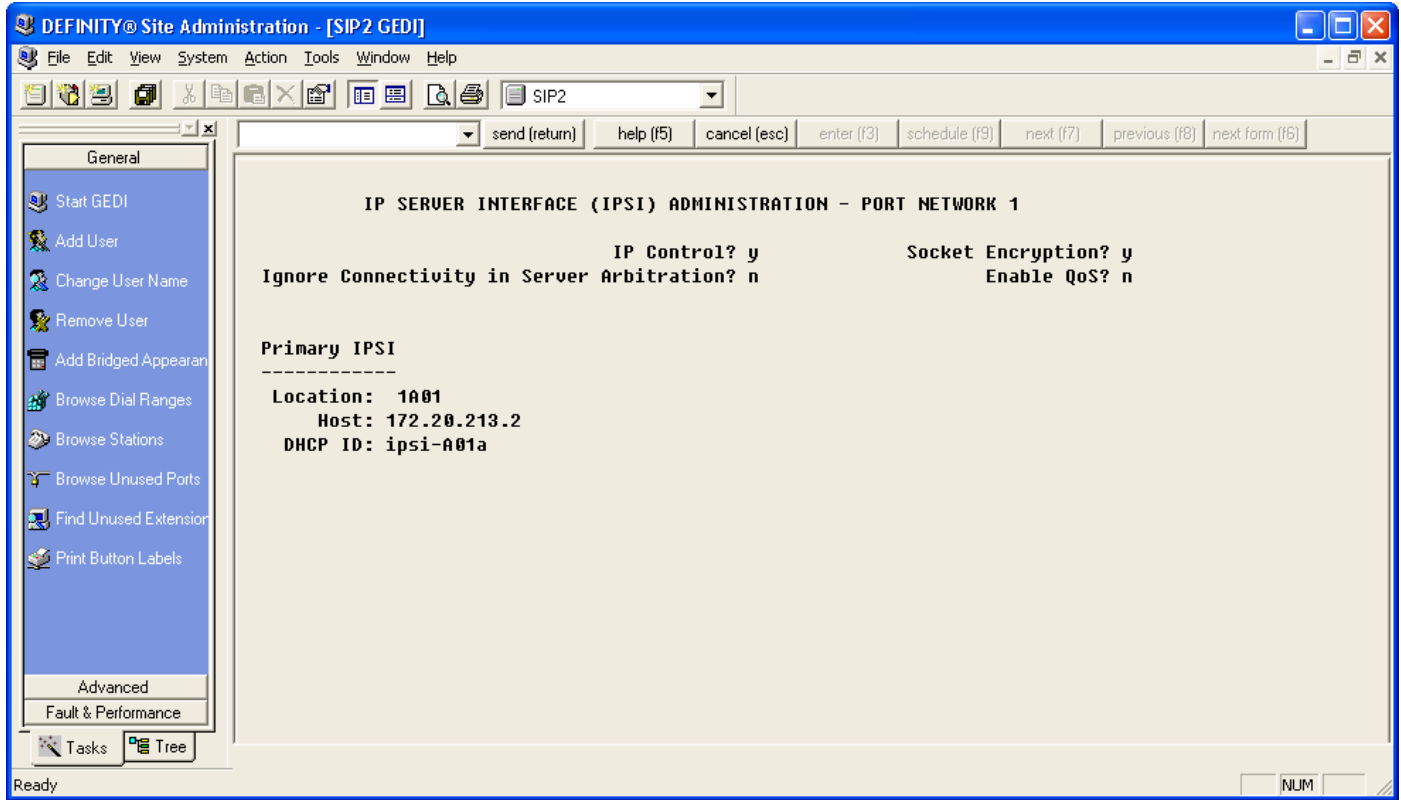
Inter Network Region Connection Management

src rgn	dst rgn	codec set	direct WAN	Dynamic CAC WAN-BW-limits	Dynamic CAC Intervening-regions	Dynamic CAC Gateway	Dynamic CAC IGAR
1	1	3					
1	2						
1	3						
1	4						
1	5						
1	6						
1	7						
1	8						
1	9						
1	10						
1	11						
1	12						
1	13						
1	14						
1	15						

Ready NUM



Avaya IP Server Interface





Avaya S8500 Dialplan Analysis

The screenshot shows the DEFINITY Site Administration interface for SIP2 GEDI. The main window displays a 'DIAL PLAN ANALYSIS TABLE' with columns for Dialed String, Total Length, Call Type, and Percent Full. The table lists various dial strings and their corresponding call statistics.

Dialed String	Total Length	Call Type	Dialed String	Total Length	Call Type	Percent Full
0	1	attd	87	3	fac	1
1	4	ext	88	3	fac	
2	4	ext	89	3	fac	
3	4	ext	9	1	fac	
4	4	ext	*	2	fac	
5	4	ext	#	2	fac	
6	4	ext				
7	4	ext				
80	3	dac				
81	3	dac				
82	3	fac				
83	3	fac				
84	3	fac				
85	3	fac				
86	3	fac				



Avaya S8500 Uniform Dialplan to Cisco Unified Communications Manager extensions (60xx)

The screenshot shows the DEFINITY Site Administration interface for SIP2 GEDI. The main window displays a table titled "UNIFORM DIAL PLAN TABLE" with the following data:

Matching Pattern	Len	De1	Insert Digits	Net	Conv	Node Num
60	4	0	201	aar	n	

The interface includes a menu bar (File, Edit, View, System, Action, Tools, Window, Help), a toolbar with icons, and a left-hand navigation pane with options like "Start GEDI", "Add User", "Change User Name", "Remove User", "Add Bridged Appearance", "Browse Dial Ranges", "Browse Stations", "Browse Unused Ports", "Find Unused Extension", and "Print Button Labels". The status bar at the bottom indicates "Command successfully completed" and "Ready".



Avaya S8500 AAR Analysis (201)

The screenshot shows the DEFINITY Site Administration interface for SIP2 GEDI. The main window displays the 'AAR DIGIT ANALYSIS TABLE' with the following data:

Dialed String	Total		Route Pattern	Call Type	Node Num	ANI Reqd
	Min	Max				
201	7	7	1	aar		n
202	7	7	2	aar		n
204	7	7	4	aar		n
213	7	7	13	aar		n
214	7	7	14	aar		n
215	7	7	15	aar		n
216	7	7	6	aar	1	n
217	7	7	6	aar	6	n
224	7	7	224	aar		n
3	7	7	999	aar		n
4	7	7	999	aar		n
5	7	7	999	aar		n
6	7	7	999	aar		n
7	7	7	999	aar		n
8	7	7	999	aar		n

The interface also shows a left-hand menu with options like 'Start GEDI', 'Add User', 'Change User Name', etc., and a status bar at the bottom indicating 'Ready'.



Avaya S8500 Route Pattern 99

The screenshot shows the DEFINITY Site Administration interface for SIP2 GEDI. The main window displays configuration for Pattern Number 1, named 'SES'. The configuration includes a table of digits (1-6) with their respective FRL, NPA, Pfx, Hop, and To11 values. Below this, there is a table of BCC values and TSC/CA-TSC settings for each digit. The interface also shows a left-hand menu with options like 'Start GEDI', 'Add User', and 'Change User Name'.

Grp No	FRL	NPA	Pfx	Hop	To11	No. Del	Inserted Digits	DCS/ IXC	Intw
1:	1	0				3		n user	
2:								n user	
3:								n user	
4:								n user	
5:								n user	
6:								n user	

Grp No	BCC	VALUE	TSC	CA-TSC	ITC	BCIE	Service/Feature	BAND	No. Dgts	Numbering	LAR
	0	1	2	3	4	W	Request		Format	Subaddress	
1:	y	y	y	y	y	n	as-needed	rest			none
2:	y	y	y	y	y	n		rest			none
3:	y	y	y	y	y	n		rest			none
4:	y	y	y	y	y	n		rest			none
5:	y	y	y	y	y	n		rest			none
6:	y	y	y	y	y	n		rest			none

Avaya S8500 DS1 Circuit for the E1 Q.SIG to the Octel 200 Voice Mail system

```

DS1 CIRCUIT PACK

Location: 01A13                               Name: octel 200
Bit Rate: 2.048                               Line Coding: hdb3

Signaling Mode: isdn-pri
Connect: pbx                                  Interface: peer-master
TN-C7 Long Timers? n                          Peer Protocol: Q-SIG
Interworking Message: PROGRESS                 Side: a
Interface Companding: alaw                     CRC? n
Idle Code: 11111111                           Channel Numbering: timeslot
DCP/Analog Bearer Capability: 3.1kHz

T303 Timer(sec): 4

Slip Detection? n                             Near-end CSU Type: other

Command:
  
```



Avaya S8500 Signal Group for the E1 Q.SIG to the Octel 200 Voice Mail system

```
display signaling-group 13
SIGNALING GROUP
Group Number: 13          Group Type: isdn-pri
                          Associated Signaling? y          Max number of NCA TSC: 10
                          Primary D-Channel: 01A1316        Max number of CA TSC: 10
                                                                Trunk Group for NCA TSC: 13
Trunk Group for Channel Selection: 13
Supplementary Service Protocol: b
Command:
```

Avaya S8500 Trunk Group for the E1 Q.SIG to the Octel 200 Voice Mail system

```
TRUNK GROUP
Group Number: 13          Group Type: isdn          CDR Reports: y
Group Name: Octel 200     COR: 1                    TN: 1          TAC: 800
Direction: two-way       Outgoing Display? n      Carrier Medium: PRI/BRI
Dial Access? y           Busy Threshold: 255      Night Service:
Queue Length: 0
Service Type: tie         Auth Code? n             TestCall ITC: rest
                          Far End Test Line No:
TestCall BCC: 4
TRUNK PARAMETERS
  Codeset to Send Display: 0      Codeset to Send National IEs: 6
  Max Message Size to Send: 260  Charge Advice: none
  Supplementary Service Protocol: b  Digit Handling (in/out): enbloc/enbloc
Trunk Hunt: ascend          QSIG Value-Added? y
                          Digital Loss Group: 13
Incoming Calling Number - Delete:  Insert:          Format: unk-unk
                          Bit Rate: 1200      Synchronization: async  Duplex: full
Disconnect Supervision - In? y  Out? y
Answer Supervision Timeout: 0
```



```
display trunk-group 13                               Page 2 of 19
TRUNK FEATURES
  ACA Assignment? n                               Measured: none                               Wideband Support? n
                                                    Internal Alert? n                             Maintenance Tests? y
                                                    Data Restriction? n                         NCA-TSC Trunk Member: 1
                                                    Send Name: y                               Send Calling Number: y
  Used for DCS? n                               Hop Dgt? n
  Suppress # Outpulsing? n                     Format: unknown
  Outgoing Channel ID Encoding: preferred       UUI IE Treatment: service-provider
                                                    Replace Restricted Numbers? n
                                                    Replace Unavailable Numbers? n
  Send Called/Busy/Connected Number: y
                                                    Hold/Unhold Notifications? y
  Send UUI IE? y                               Modify Tandem Calling Number? n
  Send UCID? n
  Send Codeset 6/7 LAI IE? y                   Ds1 Echo Cancellation? n

  Path Replacement with Retention? n
  Path Replacement Method: better-route
  SBS? n Network (Japan) Needs Connect Before Disconnect? n
```

```
display trunk-group 13                               Page 3 of 19
TRUNK GROUP
  Administered Members (min/max): 1/2
  Total Administered Members: 2
GROUP MEMBER ASSIGNMENTS
  Port      Code Sfx Name      Night      Sig Grp
1: 01A1301  TN464 F
2: 01A1302  TN464 F
3:
4:
5:
6:
7:
8:
9:
10:
11:
12:
13:
14:
15:
```



Avaya S8500 Uniform Dialplan for the VM Pilot number to the Octel 200 Voice Mail system

```
display uniform-dialplan 5050
```

Page 1 of 2

UNIFORM DIAL PLAN TABLE

Percent Full: 0

Matching Pattern	Len	Del	Insert Digits	Net	Conv	Node Num	Matching Pattern	Len	Del	Insert Digits	Net	Conv	Node Num
5050	4	0	226	aar	n								n
53	4	0	207	aar	n								n
54	4	0	207	aar	n								n
60	4	0	224	aar	n								n
6600	4	0	225	aar	n								n
					n								n
					n								n
					n								n
					n								n
					n								n
					n								n
					n								n
					n								n
					n								n
					n								n
					n								n
					n								n

Avaya S8500 AAR analysis (226) to the Octel 200 Voice Mail system

```
display aar analysis 226
```

Page 1 of 2

AAR DIGIT ANALYSIS TABLE

Percent Full: 2

Dialed String	Total Min	Total Max	Route Pattern	Call Type	Node Num	ANI Reqd
226	7	7	13	aar		n
227	7	7	21	aar		n
228	7	7	44	aar		n
3	7	7	999	aar		n
4	4	4	39	aar		n
5	7	7	999	aar		n
6	7	7	999	aar		n
7	7	7	999	aar		n
8	7	7	999	aar		n
9	7	7	999	aar		n
						n
						n
						n
						n
						n
						n



Avaya S8500 Route Pattern (13) to the Octel 200 Voice Mail system

```

display route-pattern 13                                     Page 1 of 3
      Pattern Number: 13  Pattern Name:
      SCCAN? n          Secure SIP? n
  Grp FRL NPA Pfx Hop Toll No.  Inserted          DCS/  IXC
  No   Mrk Lmt List Del  Digits          QSIG
  1: 13  0                                     Dgts  Intw
  2:                                     3
  3:
  4:
  5:
  6:
                                     n  user
                                     n  user
                                     n  user
                                     n  user
                                     n  user
                                     n  user

      BCC VALUE  TSC  CA-TSC  ITC BCIE Service/Feature BAND  No.  Numbering  LAR
      0 1 2 3 4 W      Request
  1: y y y y y n  y  as-needed rest
  2: y y y y y n  n           rest
  3: y y y y y n  n           rest
  4: y y y y y n  n           rest
  5: y y y y y n  n           rest
  6: y y y y y n  n           rest
                                     Subaddress
                                     next
                                     none
                                     none
                                     none
                                     none
                                     none

```



Avaya S8500 Class of Restriction (COR)

DEFINITY® Site Administration - [SIP2 GEDJ]

File Edit View System Action Tools Window Help

display cor 1 send (return) help (f5) cancel (esc) enter (f3) schedule (f9) next (f7) previous (f8) next form (f6)

1 2 3 4

CLASS OF RESTRICTION

COR Number: 1
COR Description: FRL 7

FRL: 7	APLT? y
Can Be Service Observed? n	Calling Party Restriction: none
Can Be A Service Observer? n	Called Party Restriction: none
Time of Day Chart: 1	Forced Entry of Account Codes? n
Priority Queuing? n	Direct Agent Calling? y
Restriction Override: all	Facility Access Trunk Test? n
Restricted Call List? n	Can Change Coverage? n
Access to MCT? y	Fully Restricted Service? n
Group II Category For MFC: 7	
Send ANI for MFE? n	
MF ANI Prefix:	Automatic Charge Display? n
Hear System Music on Hold? y	PASTE (Display PBX Data on Phone)? n
	Can Be Picked Up By Directed Call Pickup? n
	Can Use Directed Call Pickup? n
	Group Controlled Restriction: inactive

Ready NUM



DEFINITY® Site Administration - [SIP2 GEDI]

File Edit View System Action Tools Window Help

display cor 1 send (return) help (f5) cancel (esc) enter (f3) schedule (f9) next (f7) previous (f8) next form (f6)

1 2 3 4

CLASS OF RESTRICTION

MF Incoming Call Trace? n
Brazil Collect Call Blocking? n
Block Transfer Display? n
Block Enhanced Conference/Transfer Displays? y
Remote Logout of Agent? n

Station Lock COR: 1
Outgoing Trunk Disconnect Timer (minutes):

Ready NUM

DEFINITY® Site Administration - [SIP2 GEDI]

File Edit View System Action Tools Window Help

display cor 1 send (return) help (f5) cancel (esc) enter (f3) schedule (f9) next (f7) previous (f8) next form (f6)

1 2 3 4

CLASS OF RESTRICTION

CALLING PERMISSION (Enter "y" to grant permission to call specified COR)

0? y	12? y	24? y	36? y	48? y	60? y	72? y	84? y
1? y	13? y	25? y	37? y	49? y	61? y	73? y	85? y
2? y	14? y	26? y	38? y	50? y	62? y	74? y	86? y
3? y	15? y	27? y	39? y	51? y	63? y	75? y	87? y
4? y	16? y	28? y	40? y	52? y	64? y	76? y	88? y
5? y	17? y	29? y	41? y	53? y	65? y	77? y	89? y
6? y	18? y	30? y	42? y	54? y	66? y	78? y	90? y
7? y	19? y	31? y	43? y	55? y	67? y	79? y	91? y
8? y	20? y	32? y	44? y	56? y	68? y	80? y	92? y
9? y	21? y	33? y	45? y	57? y	69? y	81? y	93? y
10? y	22? y	34? y	46? y	58? y	70? y	82? y	94? y
11? y	23? y	35? y	47? y	59? y	71? y	83? y	95? y

Ready NUM



DEFINITY@ Site Administration - [SIP2 GEDJ]

File Edit View System Action Tools Window Help

display cor 1 send (return) help (f5) cancel (esc) enter (f3) schedule (f9) next (f7) previous (f8) next form (f6)

1 2 3 4

CLASS OF RESTRICTION

SERVICE OBSERVING PERMISSIONS
(Enter "y" to grant permission to service observe the specified COR)

0? y	12? y	24? y	36? y	48? y	60? y	72? y	84? y
1? y	13? y	25? y	37? y	49? y	61? y	73? y	85? y
2? y	14? y	26? y	38? y	50? y	62? y	74? y	86? y
3? y	15? y	27? y	39? y	51? y	63? y	75? y	87? y
4? y	16? y	28? y	40? y	52? y	64? y	76? y	88? y
5? y	17? y	29? y	41? y	53? y	65? y	77? y	89? y
6? y	18? y	30? y	42? y	54? y	66? y	78? y	90? y
7? y	19? y	31? y	43? y	55? y	67? y	79? y	91? y
8? y	20? y	32? y	44? y	56? y	68? y	80? y	92? y
9? y	21? y	33? y	45? y	57? y	69? y	81? y	93? y
10? y	22? y	34? y	46? y	58? y	70? y	82? y	94? y
11? y	23? y	35? y	47? y	59? y	71? y	83? y	95? y

Ready NUM



Avaya S8500 Class of Service (COS)

DEFINITY® Site Administration - [SIP2 GEDI]

File Edit View System Action Tools Window Help

display cos send (return) help (f5) cancel (esc) enter (f3) schedule (f9) next (f7) previous (f8) next form (f6)

1 2

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Auto Callback	n	y	y	n	y	n	y	n	y	n	y	n	y	n	y	n
Call Fwd-All Calls	n	y	n	y	y	n	n	y	y	n	n	y	y	n	n	y
Data Privacy	n	n	n	n	n	y	y	y	y	n	n	n	n	y	y	y
Priority Calling	n	y	n	n	n	n	n	n	n	y	y	y	y	y	y	y
Console Permissions	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Off-hook Alert	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Client Room	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Restrict Call Fwd-Off Net	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y
Call Forwarding Busy/DA	y	y	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Personal Station Access (PSA)	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Extended Forwarding All	n	y	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Extended Forwarding B/DA	n	y	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Trk-to-Trk Transfer Override	n	y	n	n	n	n	n	n	n	n	n	n	n	n	n	n
QSIG Call Offer Originations	n	y	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Contact Closure Activation	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Ready NUM



Avaya S8500 Feature Access Codes (FACs)

```
display feature-access-codes Page 1 of 7
FEATURE ACCESS CODE (FAC)
Abbreviated Dialing List1 Access Code:
Abbreviated Dialing List2 Access Code:
Abbreviated Dialing List3 Access Code:
Abbreviated Dial - Prgm Group List Access Code:
Announcement Access Code:
Answer Back Access Code: #8

Auto Alternate Routing (AAR) Access Code:
Auto Route Selection (ARS) - Access Code 1: 9 Access Code 2:
Automatic Callback Activation: *3 Deactivation: #3
Call Forwarding Activation Busy/DA: *8 All: *2 Deactivation: #2
Call Park Access Code: *5
Call Pickup Access Code: *6
CAS Remote Hold/Answer Hold-Unhold Access Code:
CDR Account Code Access Code:
Change COR Access Code:
Change Coverage Access Code:
Contact Closure Open Code: Close Code:
Contact Closure Pulse Code:
```

```
display feature-access-codes Page 2 of 7
FEATURE ACCESS CODE (FAC)
Data Origination Access Code:
Data Privacy Access Code:
Directed Call Pickup Access Code:
Emergency Access to Attendant Access Code:
EC500 Self-Administration Access Code:
Enhanced EC500 Activation: Deactivation:
Extended Call Fwd Activate Busy D/A All: Deactivation:
Extended Group Call Pickup Access Code:
Facility Test Calls Access Code:
Flash Access Code:
Group Control Restrict Activation: Deactivation:
Hunt Group Busy Activation: Deactivation:
ISDN Access Code:
Last Number Dialed Access Code:
Leave Word Calling Message Retrieval Lock:
Leave Word Calling Message Retrieval Unlock:
Leave Word Calling Send A Message: *4
Leave Word Calling Cancel A Message: #4
Malicious Call Trace Activation: Deactivation:
Meet-me Conference Access Code Change:
```



```
display feature-access-codes Page 3 of 7
FEATURE ACCESS CODE (FAC)
PASTE (Display PBX data on Phone) Access Code:
Personal Station Access (PSA) Associate Code: Dissociate Code:
Per Call CPN Blocking Code Access Code:
Per Call CPN Unblocking Code Access Code:
Posted Messages Activation: Deactivation:
Priority Calling Access Code:
Program Access Code:

Refresh Terminal Parameters Access Code:
Remote Send All Calls Activation: Deactivation:
Self Station Display Activation:
Send All Calls Activation: *7 Deactivation: #7
Station Firmware Download Access Code:
Station Lock Activation: Deactivation:
Station Security Code Change Access Code:
Station User Admin of FBI Assign: Remove:
Station User Button Ring Control Access Code:
Terminal Dial-Up Test Access Code:
```

```
display feature-access-codes Page 4 of 7
FEATURE ACCESS CODE (FAC)
Terminal Translation Initialization Merge Code: Separation Code:
Transfer to Voice Mail Access Code: #0
Trunk Answer Any Station Access Code: #6
User Control Restrict Activation: Deactivation:
Voice Coverage Message Retrieval Access Code:
Voice Principal Message Retrieval Access Code:
Whisper Page Activation Access Code:
```



```
display feature-access-codes Page 5 of 7
FEATURE ACCESS CODE (FAC)
Automatic Call Distribution Features
After Call Work Access Code:
  Assist Access Code:
  Auto-In Access Code:
  Aux Work Access Code:
  Login Access Code:
  Logout Access Code:
  Manual-in Access Code:
Service Observing Listen Only Access Code:
Service Observing Listen/Talk Access Code:

Remote Logout of Agent Access Code:
```

```
display feature-access-codes Page 6 of 7
FEATURE ACCESS CODE (FAC)
Hospitality Features
Automatic Wakeup Call Access Code:
Housekeeping Status (Client Room) Access Code:
Housekeeping Status (Client Room) Access Code:
Housekeeping Status (Client Room) Access Code:
Housekeeping Status (Client Room) Access Code:
Housekeeping Status (Client Room) Access Code:
Housekeeping Status (Station) Access Code:
Housekeeping Status (Station) Access Code:
Housekeeping Status (Station) Access Code:
Housekeeping Status (Station) Access Code:
Verify Wakeup Announcement Access Code:
Voice Do Not Disturb Access Code:
```



```
display feature-access-codes Page 7 of 7
FEATURE ACCESS CODE (FAC)
Multimedia Features
    Basic Mode Activation:
    Enhanced Mode Activation:
    Multimedia Call Access Code:
Multimedia Data Conference Activation: Deactivation:
    Multimedia Multi-Address Access Code:
    Multimedia Parameter Access Code:
```



Avaya S8500 SIP Station 2002

```
display station 2002                                     Page 1 of 4
STATION
Extension: 2002                                         Lock Messages? n      BCC: 0
Type: 4620                                             Security Code: *      TN: 1
Port: S00002                                          Coverage Path 1:      COR: 1
Name: SIP Test                                        Coverage Path 2:      COS: 1
                                                    Hunt-to Station:

STATION OPTIONS
    Loss Group: 19                                     Personalized Ringing Pattern: 1
                                                    Message Lamp Ext: 2002
    Speakerphone: 2-way                               Mute Button Enabled? y
    Display Language: english                         Expansion Module? n
Survivable GK Node Name:                               Media Complex Ext:
    Survivable COR: internal                           IP SoftPhone? n
Survivable Trunk Dest? y
```

```
display station 2002                                     Page 2 of 4
STATION
FEATURE OPTIONS
    LWC Reception: spe                                Auto Select Any Idle Appearance? n
    LWC Activation? y                                Coverage Msg Retrieval? y
    LWC Log External Calls? n                        Auto Answer: none
    CDR Privacy? n                                   Data Restriction? n
    Redirect Notification? y                          Idle Appearance Preference? n
    Per Button Ring Control? n                       Bridged Idle Line Preference? n
    Bridged Call Alerting? n                         Restrict Last Appearance? y
    Active Station Ringing: single                   Conf/Trans on Primary Appearance? n

    H.320 Conversion? n                              Per Station CPN - Send Calling Number? y
    Service Link Mode: as-needed
    Multimedia Mode: enhanced
    MWI Served User Type:
    AUDIX Name:
    Audible Message Waiting? n
    Display Client Redirection? n
    Select Last Used Appearance? n
    Coverage After Forwarding? s
    Multimedia Early Answer? n
    Direct IP-IP Audio Connections? y
Emergency Location Ext: 2002                         Always Use? n         IP Audio Hairpinning? y
```



```
display station 2002                                     Page 3 of 4
STATION
SITE DATA
Room:
Jack:
Cable:
Floor:
Building:
Headset? n
Speaker? n
Mounting: d
Cord Length: 0
Set Color:

ABBREVIATED DIALING
List1:
List2:
List3:

BUTTON ASSIGNMENTS
1: call-appr      5:
2: call-appr      6:
3: call-appr      7:
4: call-fwd Ext:  8:
```

Avaya S8500 SIP Station 2005

```
display station 2005                                     Page 1 of 4
STATION
Extension: 2005
Type: 4620
Port: S00003
Name: Cisco5 lab2
Lock Messages? n
Security Code: *
Coverage Path 1:
Coverage Path 2:
Hunt-to Station:
BCC: 0
TN: 1
COR: 1
COS: 1

STATION OPTIONS
Loss Group: 19
Speakerphone: 2-way
Display Language: english
Survivable GK Node Name:
Survivable COR: internal
Survivable Trunk Dest? y
Personalized Ringing Pattern: 1
Message Lamp Ext: 2005
Mute Button Enabled? y
Expansion Module? n
Media Complex Ext:
IP SoftPhone? n
```




```
display station 2005                                     Page 2 of 4
STATION
FEATURE OPTIONS
  LWC Reception: spe                                     Auto Select Any Idle Appearance? n
  LWC Activation? y                                     Coverage Msg Retrieval? y
  LWC Log External Calls? n                             Auto Answer: none
  CDR Privacy? n                                       Data Restriction? n
  Redirect Notification? y                             Idle Appearance Preference? n
  Per Button Ring Control? n                           Bridged Idle Line Preference? n
  Bridged Call Alerting? n                             Restrict Last Appearance? y
  Active Station Ringing: single                       Conf/Trans on Primary Appearance? n

  H.320 Conversion? n                                 Per Station CPN - Send Calling Number? y
  Service Link Mode: as-needed
  Multimedia Mode: enhanced                           Audible Message Waiting? n
  MWI Served User Type:                               Display Client Redirection? n
  AUDIX Name:                                         Select Last Used Appearance? n
  Coverage After Forwarding? s
  Multimedia Early Answer? n
  Direct IP-IP Audio Connections? y
Emergency Location Ext: 2005                          Always Use? n      IP Audio Hairpinning? y
```

```
display station 2005                                     Page 3 of 4
STATION
SITE DATA
  Room:
  Jack:
  Cable:
  Floor:
  Building:
  Headset? n
  Speaker? n
  Mounting: d
  Cord Length: 0
  Set Color:

ABBREVIATED DIALING
  List1:
  List2:
  List3:

BUTTON ASSIGNMENTS
  1: call-appr                                         5:
  2: call-appr                                         6:
  3: call-appr                                         7:
  4:                                                    8:
```



Avaya S8500 Digital Station 2152

```
display station 2152                               Page 1 of 4
STATION
Extension: 2152                                     Lock Messages? n      BCC: 0
Type: 6408D+                                       Security Code:         TN: 1
Port: 01A0402                                       Coverage Path 1:      COR: 1
Name: SIP2-1ab2152                                   Coverage Path 2:      COS: 1
                                                    Hunt-to Station:

STATION OPTIONS
    Loss Group: 2                                     Personalized Ringing Pattern: 1
    Data Module? n                                   Message Lamp Ext: 2152
    Speakerphone: 2-way                               Mute Button Enabled? y
    Display Language: english

                                                    Media Complex Ext:
                                                    IP SoftPhone? n
                                                    Remote Office Phone? n
```

```
display station 2152                               Page 2 of 4
STATION
FEATURE OPTIONS
    LWC Reception: spe                               Auto Select Any Idle Appearance? n
    LWC Activation? y                               Coverage Msg Retrieval? y
    LWC Log External Calls? n                       Auto Answer: none
    CDR Privacy? n                                  Data Restriction? n
    Redirect Notification? y                         Idle Appearance Preference? n
    Per Button Ring Control? n                      Bridged Idle Line Preference? n
    Bridged Call Alerting? n                        Restrict Last Appearance? y
    Active Station Ringing: single                  Conf/Trans on Primary Appearance? n

    H.320 Conversion? n                             Per Station CPN - Send Calling Number? y
    Service Link Mode: as-needed
    Multimedia Mode: basic
    MWI Served User Type:
    AUDIX Name:

    Audible Message Waiting? n
    Display Client Redirection? y
    Select Last Used Appearance? n
    Coverage After Forwarding? s
    Multimedia Early Answer? n
    Direct IP-IP Audio Connections? y
    IP Audio Hairpinning? y

Emergency Location Ext: 2152
```



```
display station 2152                                     Page 3 of 4
STATION
SITE DATA
Room:                                         Headset? n
Jack:                                         Speaker? n
Cable:                                       Mounting: d
Floor:                                       Cord Length: 0
Building:                                    Set Color:

ABBREVIATED DIALING
List1:                                       List2:      List3:

BUTTON ASSIGNMENTS
1: call-appr                               5: call-pkup
2: call-appr                               6: call-park
3:                                          7: call-fwd Ext:
4:                                          8: cfwd-bsyda Ext:
```

```
display station 2152                                     Page 4 of 4
STATION
SOFTKEY BUTTON ASSIGNMENTS
1: directory
2: drop
3: int-aut-an
4: timer
5: priority
6: auto-cback
7: abr-prog
8: abr-spchar Char: ~p
9: lwc-store
10: ringer-off
11: btn-view
12: admin
```



Avaya S8500 Digital Station 2151

```
display station 2151                                     Page 1 of 4
STATION
Extension: 2151                                         Lock Messages? n      BCC: 0
Type: 6408D+                                           Security Code:        TN: 1
Port: 01A0401                                          Coverage Path 1:     COR: 1
Name: SIP2-1ab2151                                     Coverage Path 2:     COS: 1
                                                         Hunt-to Station:

STATION OPTIONS
    Loss Group: 2                                       Personalized Ringing Pattern: 1
    Data Module? n                                     Message Lamp Ext: 2151
    Speakerphone: 2-way                               Mute Button Enabled? y
    Display Language: english

                                                         Media Complex Ext:
                                                         IP SoftPhone? n
                                                         Remote Office Phone? n
```

```
display station 2151                                     Page 2 of 4
STATION
FEATURE OPTIONS
    LWC Reception: spe                                  Auto Select Any Idle Appearance? n
    LWC Activation? y                                  Coverage Msg Retrieval? y
    LWC Log External Calls? n                          Auto Answer: none
    CDR Privacy? n                                     Data Restriction? n
    Redirect Notification? y                            Idle Appearance Preference? n
    Per Button Ring Control? n                         Bridged Idle Line Preference? n
    Bridged Call Alerting? n                           Restrict Last Appearance? y
    Active Station Ringing: single                     Conf/Trans on Primary Appearance? n

    H.320 Conversion? n                               Per Station CPN - Send Calling Number? y
    Service Link Mode: as-needed
    Multimedia Mode: basic                             Audible Message Waiting? n
    MWI Served User Type:                             Display Client Redirection? n
    AUDIX Name:                                        Select Last Used Appearance? n
                                                         Coverage After Forwarding? s
                                                         Multimedia Early Answer? n
    Emergency Location Ext: 2151                       Direct IP-IP Audio Connections? y
                                                         IP Audio Hairpinning? y
```



```
display station 2151                                     Page 3 of 4
STATION
SITE DATA
Room:                                         Headset? n
Jack:                                         Speaker? n
Cable:                                       Mounting: d
Floor:                                       Cord Length: 0
Building:                                    Set Color:

ABBREVIATED DIALING
List1:                                       List2:                                       List3:

BUTTON ASSIGNMENTS
1: call-appr                               5: call-pkup
2: call-appr                               6: call-park
3: call-appr                               7: call-fwd Ext:
4:                                          8: cfwd-bsyda Ext:
```

```
display station 2151                                     Page 4 of 4
STATION
SOFTKEY BUTTON ASSIGNMENTS
1: directory
2: drop
3: int-aut-an
4: timer
5: priority
6: auto-cback
7: abr-prog
8: abr-spchar Char: ~p
9: lwc-store
10: ringer-off
11: btn-view
12: admin
```



Avaya S8500 System Parameters Features

```
display system-parameters features Page 1 of 16
FEATURE-RELATED SYSTEM PARAMETERS
  Self Station Display Enabled? n
    Trunk-to-Trunk Transfer: all
Automatic Callback - No Answer Timeout Interval (rings): 3
  Call Park Timeout Interval (minutes): 10
  Off-Premises Tone Detect Timeout Interval (seconds): 20
    AAR/ARS Dial Tone Required? y

  Music (or Silence) on Transferred Trunk Calls? no
    DID/Tie/ISDN/SIP Intercept Treatment: attd
  Internal Auto-Answer of AttD-Extended/Transferred Calls: transferred
    Automatic Circuit Assurance (ACA) Enabled? n

  Abbreviated Dial Programming by Assigned Lists? n
  Auto Abbreviated/Delayed Transition Interval (rings): 2
    Protocol for Caller ID Analog Terminals: Bellcore
  Display Calling Number for Room to Room Caller ID Calls? y
```

```
display system-parameters features Page 2 of 16
FEATURE-RELATED SYSTEM PARAMETERS
LEAVE WORD CALLING PARAMETERS
  Maximum Number of Messages Per Station: 10
  Maximum Number of External Calls Logged Per Station: 0
  Message Waiting Indication for External Calls? y
  Stations with System-wide Retrieval Permission (enter extension)
    1: 7: 13: 19: 25:
    2: 8: 14: 20: 26:
    3: 9: 15: 21: 27:
    4: 10: 16: 22: 28:
    5: 11: 17: 23: 29:
    6: 12: 18: 24: 30:

  Prohibit Bridging Onto Calls With Data Privacy? y
  Enhanced Abbreviated Dial Length (3 or 4): 3
  Record All Submission Failures in History Log? y
  Record PMS/AD Transactions in History Log? n
  Record IP Registrations in History Log? n
  Default Multimedia Outgoing Trunk Parameter Selection: 2x64
```



```
display system-parameters features Page 3 of 16
FEATURE-RELATED SYSTEM PARAMETERS
TTI/PSA PARAMETERS

WARNING! SEE USER DOCUMENTATION BEFORE CHANGING TTI STATE

Terminal Translation Initialization (TTI) Enabled? n

Customer Telephone Activation(CTA) Enabled? n
```

```
display system-parameters features Page 4 of 16
FEATURE-RELATED SYSTEM PARAMETERS
Reserved Slots for Attendant Priority Queue: 5
Time before Off-hook Alert: 10
Emergency Access Redirection Extension:
Number of Emergency Calls Allowed in Attendant Queue: 5

Call Pickup on Intercom Calls? y Call Pickup Alerting? n
Temporary Bridged Appearance on Call Pickup? y Directed Call Pickup? n
Extended Group Call Pickup: none

Deluxe Paging and Call Park Timeout to Originator? n
Controlled Outward Restriction Intercept Treatment: tone
Controlled Termination Restriction (Do Not Disturb): tone
Controlled Station to Station Restriction: tone
AUTHORIZATION CODE PARAMETERS Authorization Codes Enabled? n

Controlled Toll Restriction Replaces: none
```



```
display system-parameters features Page 5 of 16
FEATURE-RELATED SYSTEM PARAMETERS

SYSTEM PRINTER PARAMETERS
Endpoint: Lines Per Page: 60

SYSTEM-WIDE PARAMETERS
Switch Name:

Emergency Extension Forwarding (min): 10
Enable Inter-Gateway Alternate Routing? n

MALICIOUS CALL TRACE PARAMETERS
Apply MCT Warning Tone? n MCT Voice Recorder Trunk Group:
Delay Sending RElease (seconds)? 0
SEND ALL CALLS OPTIONS
Send All Calls Applies to: station Auto Inspect on Send All Calls? n

UNIVERSAL CALL ID
Create Universal Call ID (UCID)? n UCID Network Node ID:
```

```
display system-parameters features Page 6 of 16
FEATURE-RELATED SYSTEM PARAMETERS

Public Network Trunks on Conference Call: 5 Auto Start? n
Conference Parties with Public Network Trunks: 6 Auto Hold? n
Conference Parties without Public Network Trunks: 6 Attendant Tone? y
Night Service Disconnect Timer (seconds): 180 Bridging Tone? n
Short Interdigit Timer (seconds): 3 Conference Tone? n
Unanswered DID Call Timer (seconds): Intrusion Tone? n
Line Intercept Tone Timer (seconds): 30 Mode Code Interface? n
Long Hold Recall Timer (seconds): 0
Reset Shift Timer (seconds): 0
Station Call Transfer Recall Timer (seconds): 0
DID Busy Treatment: tone

Allow AAR/ARS Access from DID/DIOD? n
Allow ANI Restriction on AAR/ARS? n
Use Trunk COR for Outgoing Trunk Disconnect? n
7405ND Numeric Terminal Display? n 7434ND? y
DISTINCTIVE AUDIBLE ALERTING
Internal: 1 External: 2 Priority: 3
Attendant Originated Calls: external
```




```
display system-parameters features Page 7 of 16
FEATURE-RELATED SYSTEM PARAMETERS

CONFERENCE/TRANSFER
    Abort Transfer? n
    Transfer Upon Hang-Up? n
    Abort Conference Upon Hang-Up? n
    No Hold Conference Timeout: 60
    No Dial Tone Conferencing? n
    Select Line Appearance Conferencing? n
    Unhold? n

ANALOG BUSY AUTO CALLBACK
    Without Flash? n

AUDIX ONE-STEP RECORDING
    Recording Delay Timer (msec): 500
    Apply Ready Indication Tone To Which Parties In The Call? all
    Interval For Applying Periodic Alerting Tone (seconds): 15

POSTED MESSAGE
    Require Security Code? n
```

```
display system-parameters features Page 8 of 16
FEATURE-RELATED SYSTEM PARAMETERS

ISDN PARAMETERS
    Send Non-ISDN Trunk Group Name as Connected Name? n
    Display Connected Name/Number for ISDN DCS Calls? n
    Send ISDN Trunk Group Name on Tandem Calls? n
    Send Custom Messages Through QSIG? n
    QSIG TSC Extension: 1111
    MWI - Number of Digits Per Voice Mail Subscriber: 4
    Feature Plus Ext: 1114
    National CPN Prefix:
    International CPN Prefix:
    Pass Prefixed CPN to ASAI? n
    Unknown Numbers Considered Internal for AUDIX? y
    USNI Calling Name for Outgoing Calls? n
    Path Replacement with Measurements? y
    QSIG Path Replacement Extension: 1112
    Path Replace While in Queue/Vectoring? n
    Maximum Length: 4
```



```
display system-parameters features Page 9 of 16
FEATURE-RELATED SYSTEM PARAMETERS

CPN/ANI/ICLID PARAMETERS

  CPN/ANI/ICLID Replacement for Restricted Calls: Restricted
  CPN/ANI/ICLID Replacement for Unavailable Calls: Unavailable

INTERNATIONAL CALL ROUTING PARAMETERS

  Local Country Code:
  International Access Code:

ENBLOC DIALING PARAMETERS

  Enable Enbloc Dialing without ARS FAC? n
```

```
display system-parameters features Page 10 of 16
FEATURE-RELATED SYSTEM PARAMETERS

  Pull Transfer: n           Update Transferred Ring Pattern? n
  Outpulse Without Tone? y   Wait Answer Supervision Timer? n
  Misoperation Alerting? n   Repetitive Call Waiting Tone? n
  Allow Conference via Flash? y
  Vector Disconnect Timer (min):   Network Feedback During Tone Detection? y
                                     System Updates Time On Station Displays? n

  Station Tone Forward Disconnect: silence
  Level Of Tone Detection: precise
  Charge Display Update Frequency (seconds): 30
  Date Format on 607/2400/4600/6400 Terminals: mm/dd/yy
  Onhook Dialing on 607/2400/4600/6400/8400 Terminals? n

ITALIAN DCS PROTOCOL
  Italian Protocol Enabled? n
```



```
display system-parameters features Page 11 of 16
FEATURE-RELATED SYSTEM PARAMETERS

CALL CENTER SYSTEM PARAMETERS
EAS

    Direct Agent Announcement Extension:          Delay:

VECTURING

    Prompting Timeout (secs): 10

    Reverse Star/Pound Digit For Collect Step? n

SERVICE OBSERVING
    Service Observing: Warning Tone? y          or Conference Tone? n
    Service Observing Allowed with Exclusion? n
```

```
display system-parameters features Page 12 of 16
FEATURE-RELATED SYSTEM PARAMETERS

AGENT AND CALL SELECTION
    MIA Across Splits or Skills? n
    ACW Agents Considered Idle? y
    Call Selection Measurement: current-wait-time
    Service Level Supervisor Call Selection Override? n
    Auto Reserve Agents: none

ASAI
    Copy ASAI UUI During Conference/Transfer? n
    Call Classification After Answer Supervision? n
    Send UCID to ASAI? n

CALL MANAGEMENT SYSTEM
    Adjunct CMS Release:
    ACD Login Identification Length: 0
    BCMS/UuStats LoginIDs? n
    BCMS/UuStats Measurement Interval: hour
    BCMS/UuStats Abandon Call Timer (seconds):
    Validate BCMS/UuStats Login IDs? n
    Clear UuStats Shift Data: on-login
    Remove Inactive BCMS/UuStats Agents? n
```



```
display system-parameters features Page 13 of 16
FEATURE-RELATED SYSTEM PARAMETERS
REASON CODES
    Aux Work Reason Code Type: none
    Logout Reason Code Type: none
    Two-Digit Aux Work Reason Codes? n
REDIRECTION ON IP CONNECTIVITY FAILURE
    Switch Hook Query Response Timeout:
    Auto-answer IP Failure Aux Work Reason Code: 0
FORCED AGENT LOGOUT PARAMETERS
    Maximum Time Agent in ACW before Logout (sec):
    ACW Forced Logout Reason Code: 0
```

```
display system-parameters features Page 14 of 16
FEATURE-RELATED SYSTEM PARAMETERS
SPECIAL TONE
    Special Dial Tone? n
```



```
display system-parameters features Page 15 of 16
FEATURE-RELATED SYSTEM PARAMETERS

AUTOMATIC EXCLUSION PARAMETERS

    Automatic Exclusion by COS? n

    Recall Rotary Digit: 2

    Duration of Call Timer Display (seconds): 3
WIRELESS PARAMETERS
    Radio Controllers with Download Server Permission (enter board location)
    1:          2:          3:          4:          5:

IP PARAMETERS
    Direct IP-IP Audio Connections? y
    IP Audio Hairpinning? y
RUSSIAN MULTI-FREQUENCY PACKET SIGNALING
    Re-try? n
    T2 (Backward Signal) Activation Timer (secs): 20
```

```
display system-parameters features Page 16 of 16
FEATURE-RELATED SYSTEM PARAMETERS

INTERCEPT TREATMENT PARAMETERS
    Invalid Number Dialed Intercept Treatment: tone
    Invalid Number Dialed Display:
    Restricted Number Dialed Intercept Treatment: tone
    Restricted Number Dialed Display:
    Intercept Treatment On Failed Trunk Transfers? n

WHISPER PAGE
    Whisper Page Tone Given To: all

DIGITAL STATION LINE APPEARANCE LED SETTINGS
    Station Putting Call On Hold: green wink
    Station When Call is Active: steady
    Other Stations When Call Is Put On Hold: green wink
    Other Stations When Call Is Active: green
    Ringing: green flash
    Idle: steady
    Display Information With Bridged Call? n
    Pickup On Transfer? y
```



Avaya S8500 System Parameters Customer-Options

```
display system-parameters customer-options Page 1 of 10
OPTIONAL FEATURES

G3 Version: U13
Location: 1
Platform: 12
RFA System ID (SID): 47411
RFA Module ID (MID): 1

Platform Maximum Ports: 3200 63
Maximum Stations: 59 22
Maximum XMOBILE Stations: 0 0
Maximum Off-PBX Telephones - EC500: 5 0
Maximum Off-PBX Telephones - OPS: 10 5
Maximum Off-PBX Telephones - SCCAN: 0 0

(NOTE: You must logoff & login to effect the permission changes.)
```

```
display system-parameters customer-options Page 2 of 10
OPTIONAL FEATURES

IP PORT CAPACITIES
Maximum Administered H.323 Trunks: 30 15
Maximum Concurrently Registered IP Stations: 74 2
Maximum Administered Remote Office Trunks: 800 0
Maximum Concurrently Registered Remote Office Stations: 2400 0
Maximum Concurrently Registered IP eCons: 0 0
Max Concur Registered Unauthenticated H.323 Stations: 0 0
Maximum Video Capable H.323 Stations: 0 0
Maximum Video Capable IP Softphones: 0 0
Maximum Administered SIP Trunks: 10 10

Maximum Number of DS1 Boards with Echo Cancellation: 50 0
Maximum TN2501 UAL Boards: 1 0
Maximum G250/G350/G700 UAL Sources: 10 0
Maximum TN2602 Boards with 80 VoIP Channels: 0 0
Maximum TN2602 Boards with 320 VoIP Channels: 0 0
Maximum Number of Expanded Meet-me Conference Ports: 0 0

(NOTE: You must logoff & login to effect the permission changes.)
```



```
display system-parameters customer-options Page 3 of 10
OPTIONAL FEATURES
Abbreviated Dialing Enhanced List? y Audible Message Waiting? y
Access Security Gateway (ASG)? n Authorization Codes? y
Analog Trunk Incoming Call ID? y Backup Cluster Automatic Takeover? n
A/D Grp/Sys List Dialing Start at 01? y CAS Branch? n
Answer Supervision by Call Classifier? y CAS Main? n
ARS? y Change COR by FAC? n
ARS/AAR Partitioning? y Computer Telephony Adjunct Links? n
ARS/AAR Dialing without FAC? n Cug Of Calls Redirected Off-net? y
ASAI Link Core Capabilities? y DCS (Basic)? y
ASAI Link Plus Capabilities? n DCS Call Coverage? y
Async. Transfer Mode (ATM) PNC? n DCS with Rerouting? y
Async. Transfer Mode (ATM) Trunking? n Digital Loss Plan Modification? y
ATM WAN Spare Processor? n DS1 MSP? n
ATMS? y DS1 Echo Cancellation? y
Attendant Vectoring? y

(NOTE: You must logoff & login to effect the permission changes.)
```

```
display system-parameters customer-options Page 4 of 10
OPTIONAL FEATURES
Emergency Access to Attendant? y IP Stations? y
Enable 'dadmin' Login? y Internet Protocol (IP) PNC? y
Enhanced Conferencing? y ISDN Feature Plus? y
Enhanced EC500? y ISDN Network Call Redirection? n
Enterprise Survivable Server? n ISDN-BRI Trunks? y
Enterprise Wide Licensing? n ISDN-PRI? y
ESS Administration? n Local Survivable Processor? n
Extended Cug/Fwd Admin? y Malicious Call Trace? y
External Device Alarm Admin? y Media Encryption Over IP? y
Five Port Networks Max Per MCC? n Mode Code for Centralized Voice Mail? y
Flexible Billing? n
Forced Entry of Account Codes? y Multifrequency Signaling? y
Global Call Classification? y Multimedia Appl. Server Interface (MASI)? n
Hospitality (Basic)? y Multimedia Call Handling (Basic)? y
Hospitality (G3U3 Enhancements)? y Multimedia Call Handling (Enhanced)? y
IP Trunks? y
IP Attendant Consoles? y
(NOTE: You must logoff & login to effect the permission changes.)
```



```
display system-parameters customer-options Page 5 of 10
OPTIONAL FEATURES
Multinational Locations? n Station and Trunk MSP? n
Multiple Level Precedence & Preemption? n Station as Virtual Extension? y
Multiple Locations? y
Personal Station Access (PSA)? y System Management Data Transfer? y
Posted Messages? y Tenant Partitioning? y
PNC Duplication? n Terminal Trans. Init. (TTI)? y
Port Network Support? y Time of Day Routing? y
Processor and System MSP? n Usage Allocation Enhancements? y
Private Networking? y TN2501 VAL Maximum Capacity? y
Processor Ethernet? n Wideband Switching? y
Remote Office? y Wireless? y
Restrict Call Forward Off Net? y
Secondary Data Module? y
(NOTE: You must logoff & login to effect the permission changes.)
```

```
display system-parameters customer-options Page 6 of 10
CALL CENTER OPTIONAL FEATURES
Call Center Release: 3.0
ACD? y Reason Codes? n
BCMS (Basic)? y Service Level Maximizer? n
BCMS/UuStats Service Level? y Service Observing (Basic)? y
BSR Local Treatment for IP & ISDN? n Service Observing (Remote/By FAC)? y
Business Advocate? n Service Observing (UDNs)? n
Call Work Codes? n Timed ACW? y
DTMF Feedback Signals For URU? n Vectoring (Basic)? n
Dynamic Advocate? n Vectoring (Prompting)? y
Expert Agent Selection (EAS)? n Vectoring (G3U4 Enhanced)? n
EAS-PHD? n Vectoring (3.0 Enhanced)? n
Forced ACD Calls? n Vectoring (ANI/II-Digits Routing)? n
Least Occupied Agent? n Vectoring (G3U4 Advanced Routing)? n
Lookahead Interflow (LAI)? n Vectoring (CINFO)? n
Multiple Call Handling (On Request)? y Vectoring (Best Service Routing)? n
Multiple Call Handling (Forced)? y Vectoring (Holidays)? y
PASTE (Display PBX Data on Phone)? y Vectoring (Variables)? n
(NOTE: You must logoff & login to effect the permission changes.)
```




```
display system-parameters customer-options Page 7 of 10
CALL CENTER OPTIONAL FEATURES

UDN of Origin Announcement? n          UuStats? y
UDN Return Destination? n            UuStats (G3U4 Enhanced)? y

                                     USED
Logged-In ACD Agents: 1000  0
Logged-In IP Softphone Agents: 74  0

(NOTE: You must logoff & login to effect the permission changes.)
```

```
display system-parameters customer-options Page 8 of 10
QSIG OPTIONAL FEATURES

Basic Call Setup? y
Basic Supplementary Services? y
Centralized Attendant? y
Interworking with DCS? y
Supplementary Services with Rerouting? y
Transfer into QSIG Voice Mail? y
Value-Added (VALU)? y

(NOTE: You must logoff & login to effect the permission changes.)
```




Avaya S8500 System Parameters IP-Options

```
display system-parameters ip-options Page 1 of 2
IP-OPTIONS SYSTEM PARAMETERS

IP MEDIA PACKET PERFORMANCE THRESHOLDS
  Roundtrip Propagation Delay (ms)   High: 800   Low: 400
  Packet Loss (%)                   High: 40    Low: 15
  Ping Test Interval (sec): 20
  Number of Pings Per Measurement Interval: 10

RTCP MONITOR SERVER
  Default Server IP Address: . . .
  Default Server Port: 5005
  Default RTCP Report Period(secs): 5

AUTOMATIC TRACE ROUTE ON
  Link Failure? y

H.248 MEDIA GATEWAY           H.323 IP ENDPOINT
  Link Loss Delay Timer (min): 5   Link Loss Delay Timer (min): 5
                                   Primary Search Time (sec): 75
                                   Periodic Registration Timer (min): 20
```

```
display system-parameters ip-options Page 2 of 2
IP-OPTIONS SYSTEM PARAMETERS

Always use G.711 (30ms, no SS) for intra-switch Music-On-Hold? n

IP DTMF TRANSMISSION MODE
  Intra-System IP DTMF Transmission Mode: rtp-payload
  Inter-System IP DTMF: See Signaling Group Forms
```



Avaya S8500 System Parameters IP-Server Interface

```
display system-parameters ipserver-interface
IP SERVER INTERFACE (IPSI) SYSTEM PARAMETERS

SERVER INFORMATION
    IPSI Host Name Prefix:
    Primary Control Subnet Address: 172.20.213.0*
    Secondary Control Subnet Address: . . .

OPTIONS
    Switch Identifier: A
    IPSI Control of Port Networks: enabled

NOTE: * indicates data changed on the Server

Command: 
```

Avaya S8500 System Parameters Coverage-Forwarding

```
display system-parameters coverage-forwarding Page 1 of 2
SYSTEM PARAMETERS CALL COVERAGE / CALL FORWARDING

CALL COVERAGE/FORWARDING PARAMETERS
    Local Cvg Subsequent Redirection/CFWD No Ans Interval (rings): 4
    Off-Net Cvg Subsequent Redirection/CFWD No Ans Interval (rings): 4
    Coverage - Caller Response Interval (seconds): 4
    Threshold for Blocking Off-Net Redirection of Incoming Trunk Calls: 1

COVERAGE
    Keep Held SBA at Coverage Point? y
    External Coverage Treatment for Transferred Incoming Trunk Calls? n
    Immediate Redirection on Receipt of PROGRESS Inband Information? n
    Maintain SBA at Principal? y
    QSIG VALU Coverage Overrides QSIG Diversion with Rerouting? n
    Station Hunt Before Coverage? n

FORWARDING
    Call Forward Override? n
    Coverage After Forwarding? n
```



```
display system-parameters coverage-forwarding Page 2 of 2
SYSTEM PARAMETERS CALL COVERAGE / CALL FORWARDING
COVERAGE OF CALLS REDIRECTED OFF-NET (CCRON)
Coverage Of Calls Redirected Off-Net Enabled? n
```



Avaya SIP Proxy Configuration

Avaya SIP Proxy Software Version

The screenshot shows a Microsoft Internet Explorer browser window displaying the Avaya SIP Proxy Software Version page. The browser's address bar shows the URL `https://172.20.213.254/cgi-bin/logged_in`. The page features the Avaya logo and the title "Integrated Management Maintenance Web Pages". A navigation menu on the left lists various system management options such as Alarms, Diagnostics, Server, and Security. The main content area, titled "Software Version", provides details about the active server's software configuration.

AVAYA Integrated Management Maintenance Web Pages
This Server: [1] avayaSIP2

Software Version

The Software Version Web page displays the software version of the active server.

Operating System:	Linux 2.4.20-AV14 1686 1686
CCS Release String:	CCS-3.0.0.0-031.0
Software Load:	CCS03.0-03.0.031.0
Server BIOS Build ID:	PLJH61AUS
RSA Version ID:	PLEH08B

Help



Avaya SIP Proxy List Users:

The screenshot shows a web browser window titled "List Users - Microsoft Internet Explorer". The address bar shows the URL "https://172.20.213.254/impress/do/listusers/list". The page header includes the Avaya logo and "Integrated Management SIP Server Management" with the server address "172.20.213.254". A left-hand navigation menu lists various system components. The main content area, titled "List Users", displays a table of users and includes a task dropdown menu.

User ID	Host	Name
<input type="checkbox"/> 2001	172.20.213.254	Cisco1 lab2
<input type="checkbox"/> 2002	172.20.213.254	Cisco2 Lab2
<input type="checkbox"/> 2003	172.20.213.254	Cisco3 lab2
<input type="checkbox"/> 2004	172.20.213.254	Cisco4 lab2
<input type="checkbox"/> 2005	172.20.213.254	Cisco Systems

Task:

[Add Another User](#)

Avaya SIP Proxy List Hosts:

The screenshot shows a web browser window titled "List Hosts - Microsoft Internet Explorer". The address bar shows the URL "https://172.20.213.254/impress/do/listhost/top". The page header includes the Avaya logo and "Integrated Management SIP Server Management" with the server address "172.20.213.254". A left-hand navigation menu lists various system components. The main content area, titled "List Hosts", displays a table of hosts and includes a "Force All" button.

Status	Commands	Host
up to date	Edit Map Go-To Test-Link Delete	172.20.213.254

[Migrate Home/Edge](#)



Avaya SIP Proxy Edit Host

AVAYA Integrated Management SIP Server Management Server: 172.20.213.254

Help Exit

Top

- Setup
- Users
 - List
 - Add
 - Search
 - Edit
 - Delete
 - Password
 - Default Profile
 - Registered Users
- Extensions
 - List
 - Add
 - Search
 - Emergency Contacts
- Hosts
 - Force All
 - Migrate Home/Edge
- Media Servers
- Services
- Server Configuration
- IM Logs
- Export/Import to ProVision

Edit Host

Host IP Address*

DB Password

Profile Service Password

Host Type

Parent

Listen Protocols UDP TCP TLS

Link Protocols UDP TCP TLS

Presence Access Policy (Default) Allow All Deny All

Emergency Contacts Policy Allow Deny

Minimum Registration (seconds) Registration Expiration Timer (seconds)*

Line Reservation Timer (seconds)

Outbound Routing Allowed Internal External

From

OutboundProxy Port UDP TCP TLS

AVAYA Integrated Management SIP Server Management Server: 172.20.213.254

Help Exit

Top

- Setup
- Users
 - List
 - Add
 - Search
 - Edit
 - Delete
 - Password
 - Default Profile
 - Registered Users
- Extensions
 - List
 - Add
 - Search
 - Emergency Contacts
- Hosts
 - Force All
 - Migrate Home/Edge
- Media Servers
- Services
- Server Configuration
- IM Logs
- Export/Import to ProVision

Edit Host

Host IP Address*

DB Password

Profile Service Password

Host Type

Parent

Listen Protocols UDP TCP TLS

Link Protocols UDP TCP TLS

Presence Access Policy (Default) Allow All Deny All

Emergency Contacts Policy Allow Deny

Minimum Registration (seconds) Registration Expiration Timer (seconds)*

Line Reservation Timer (seconds)

Outbound Routing Allowed Internal External

From

OutboundProxy Port UDP TCP TLS

Outbound Direct Domains

Default Ringer Volume* Default Ringer Cadence*

Default Receiver Volume* Default Speaker Volume*

VMM Server Address

VMM Server Port VMM Report Period

Fields marked * are required.



Avaya SIP Proxy Host Address Maps

The screenshot shows the 'List Host Address Map' page in the Avaya Integrated Management SIP Server Management interface. The browser address bar shows the URL: `https://172.20.213.254/impress/do/editaddressmap/listmap?sid=nodeid1`. The page title is 'List Host Address Map'. The host is identified as 'avayaSIP2.lab2.com'. A table lists the address maps with columns for 'Commands', 'Name', 'Commands', and 'Contact'. The table contains two entries: one for 'IPIPGW' and one for 'ipipgw'. Each entry has 'Edit' and 'Delete' links. Below the table, there are buttons for 'Add Another Map', 'Add Another Contact', and 'Delete Group'. A sidebar on the left contains navigation options like 'Users', 'Extensions', 'Hosts', 'Media Servers', and 'Server Configuration'. The top right corner displays 'Integrated Management SIP Server Management' and 'Server: 172.20.213.254'.

Commands	Name	Commands	Contact
Edit Delete	IPIPGW		
Edit Delete	ipipgw		

The screenshot shows the 'Edit Host Map Entry' page in the Avaya Integrated Management SIP Server Management interface. The browser address bar shows the URL: `https://172.20.213.254/impress/do/editaddressmap/editmaphandle?id=16&sid=nodeid1`. The page title is 'Edit Host Map Entry'. The host is 'avayaSIP2.lab2.com'. The form contains fields for 'Name*' (with value 'CCM-Venus') and 'Pattern*' (with value '^sip:60[0-9]{2}@'). There is a checked 'Replace URI' checkbox and a note: 'Fields marked * are required.' An 'Update' button is at the bottom of the form. The sidebar and top header are identical to the previous screenshot.



AVAYA Integrated Management SIP Server Management Server: 172.20.213.254

Help Exit

Top
Setup
Users
List
Add
Search
Edit
Delete
Password
Default Profile
Registered Users
Extensions
List
Add
Search
Emergency Contacts
Hosts
Force All
Migrate Home/Edge
Media Servers
Add
Services
Server Configuration
System Properties

Edit Host Map Entry

Host avayaSIP2.lab2.com

Name*

Pattern*

Replace URI

Fields marked * are required.

AVAYA Integrated Management SIP Server Management Server: 172.20.213.254

Help Exit

Top
Setup
Users
List
Add
Search
Edit
Delete
Password
Default Profile
Registered Users
Extensions
List
Add
Search
Emergency Contacts
Hosts
Force All
Migrate Home/Edge
Media Servers
Add
Services
Server Configuration
System Properties

Edit Host Contact

Host avayaSIP2.lab2.com

Contact

Fields marked * are required.



Avaya SIP Proxy Media Server List

The screenshot shows the Avaya SIP Server Management interface in a Microsoft Internet Explorer browser window. The address bar shows the URL: `https://172.20.213.254/impress/do/listacp/top`. The page title is "List Media Servers". On the left is a navigation menu with categories: Top, Users, Extensions, Hosts, Media Servers, and Server Configuration. The main content area displays a table with columns: Commands, Interface, and Host. The table contains one entry with the following data:

Commands	Interface	Host
Edit Extensions Map Test-Link Delete	172.20.213.253	172.20.213.254

Below the table is a link: [Add Another Media Server Interface](#).

The screenshot shows the Avaya SIP Server Management interface in a Microsoft Internet Explorer browser window. The address bar shows the URL: `https://172.20.213.254/impress/do/listacp/edit_acp?acp_id=1`. The page title is "Edit Media Server". The main content area contains a form with the following fields:

- Media Server Interface*:
- Host:
- Link Type: TCP TLS
- SIP Trunk IP Address*:
- CM Login:
- CM Password:
- CM Confirm Password:
- CM FQD Name or IP Address:
- SMS FQD Name or IP Address:

Fields marked * are required. An [Update](#) button is located at the bottom of the form.



Avaya SIP Proxy Media Server Address Map

The screenshot shows the 'List Media Server Address Map' page in the Avaya SIP Server Management interface. The browser address bar shows the URL: `https://172.20.213.254/impress/do/editaddressmap/listmap?sid=acpid2`. The page title is 'List Media Server Address Map' and the host is '172.20.213.253'. A table lists three SIP address map entries:

Commands	Name	Commands	Contact
Edit Delete	S8500_sip2_20XX		
Edit Delete	S8500_sip2_21XX		
Edit Delete	S8500_sip2_30XX		

Below the table, there are buttons for 'Add Another Map', 'Add Another Contact', and 'Delete Group'. A link 'Add Map In New Group' is also present. The left sidebar contains a navigation menu with categories like Users, Extensions, Hosts, Media Servers, and Services.

The screenshot shows the 'Edit Media Server Map Entry' page in the Avaya SIP Server Management interface. The browser address bar shows the URL: `https://172.20.213.254/impress/do/editaddressmap/editmaphandle?id=13&sid=acpid2`. The page title is 'Edit Media Server Map Entry' and the host is '172.20.213.253'. The form contains the following fields:

- Host: 172.20.213.253
- Name*: S8500_sip2_20XX
- Pattern*: ^sip:20.*
- Replace URI:

A note states: 'Fields marked * are required.' There is an 'Update' button at the bottom of the form. The left sidebar is identical to the previous screenshot.



AVAYA Integrated Management SIP Server Management Server: 172.20.213.254

Edit Media Server Map Entry

Host: 172.20.213.253
Name*:
Pattern*:
Replace URI:
Fields marked * are required.

- Top
- Setup
- Users
 - List
 - Add
 - Search
 - Edit
 - Delete
 - Password
 - Default Profile
 - Registered Users
- Extensions
 - List
 - Add
 - Search
- Emergency Contacts
- Hosts
 - Force All
 - Migrate Home/Edge
- Media Servers
 - Add
 - Services
- Server Configuration
- IM Logs

AVAYA Integrated Management SIP Server Management Server: 172.20.213.254

Edit Media Server Contact

Host: 172.20.213.253
Contact:
Fields marked * are required.

- Top
- Setup
- Users
 - List
 - Add
 - Search
 - Edit
 - Delete
 - Password
 - Default Profile
 - Registered Users
- Extensions
 - List
 - Add
 - Search
- Emergency Contacts
- Hosts
 - Force All
 - Migrate Home/Edge
- Media Servers
 - Add
 - Services
- Server Configuration
- IM Logs



Avaya SIP Proxy Media Server Extensions List

The screenshot shows the Avaya SIP Server Management interface in a Microsoft Internet Explorer browser. The page title is "List Media Server Extensions". The address bar shows the URL: `https://172.20.213.254/impress/do/listextension/top?acp_id=1`. The page features a navigation menu on the left and a main content area. The main content area displays a table of extensions and a button to add another extension.

AVAYA Integrated Management SIP Server Management
Server: 172.20.213.254

Help Exit

Top
Setup
Users
List
Add
Search
Edit
Delete
Password
Default Profile
Registered Users
Extensions
List
Add
Search
Emergency Contacts
Hosts
Force All
Migrate Home/Edge
Media Servers
Add
Services
Server Configuration
IM Logs

List Media Server Extensions

Showing extensions 1 to 3 out of 3 extensions.

Commands	Extension	User	Media Server	Host
Free Edit User Delete	2002	2002	172.20.213.253	172.20.213.254
Free Edit User Delete	2003	2003	172.20.213.253	172.20.213.254
Free Edit User Delete	2005	2005	172.20.213.253	172.20.213.254

[Add Another Media Server Extension](#)

The screenshot shows the Avaya SIP Server Management interface in a Microsoft Internet Explorer browser. The page title is "List Users". The address bar shows the URL: `https://172.20.213.254/impress/do/listusers/list?sid=sid8`. The page features a navigation menu on the left and a main content area. The main content area displays a table of users and a task dropdown menu.

AVAYA Integrated Management SIP Server Management
Server: 172.20.213.254

Help Exit

Top
Setup
Users
List
Add
Search
Edit
Delete
Password
Default Profile
Registered Users
Extensions
Emergency Contacts
Hosts
Media Servers
Services
Server Configuration
IM Logs
Export/Import to ProVision

List Users

Showing users 1 to 1 out of 1 users.

User ID	Host	Name
<input type="checkbox"/>	2002	172.20.213.254 Cisco2 Lab2

Task:

[Add Another User](#)



The screenshot shows the 'List Users' page in the Avaya Integrated Management SIP Server Management interface. The browser window title is 'List Users - Microsoft Internet Explorer'. The address bar shows the URL: `https://172.20.213.254/impress/do/listusers/list?sid=sid11`. The page header includes the Avaya logo and 'Integrated Management SIP Server Management' with the server IP '172.20.213.254'. A left-hand navigation menu lists various system management options. The main content area is titled 'List Users' and displays a table with one user entry:

User ID	Host	Name
2005	172.20.213.254	Cisco Systems

Below the table, there is a 'Task:' dropdown menu set to 'Contact List', and 'Submit' and 'Delete' buttons. An 'Add Another User' link is also present.

Avaya SIP Proxy System Properties

The screenshot shows the 'Edit System Properties' page in the Avaya Integrated Management SIP Server Management interface. The browser window title is 'Edit System Properties - Microsoft Internet Explorer'. The address bar shows the URL: `https://172.20.213.254/impress/do/thishost/this_host`. The page header includes the Avaya logo and 'Integrated Management SIP Server Management' with the server IP '172.20.213.254'. A left-hand navigation menu lists various system management options. The main content area is titled 'Edit System Properties' and displays the following configuration details:

CCS Version	CCS-3.0.0.0-031.0
SIP Domain*	lab2.com
License Host*	172.20.213.254

Network Properties

Local IP	172.20.213.254
Local Name	avayaSIP2.lab2.com
Logical IP	172.20.213.254
Logical Name	avayaSIP2.lab2.com
Gateway IP Address	172.20.213.1

Fields marked * are required. An 'Update' button is located at the bottom of the form.



Octel 200 Configuration

Octel 200 Software Version:

----- SYSTEM SOFTWARE RELEASE S.4.1.0-2 (01/26/01) -----

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TUE 05/09 10:17:33 2006 CISCO ID:220749 S/N:220749 PBX:85

(Modem enabled) (Telnet enabled) Last Logon : 05/09 10:06

Octel 200 System Parameters:

SYSTEM PARAMETER TABLE:

FRI 05/05/2006 14:58:37 CISCO ID:220749 S/N:220749 PBX:23

INDEX	VALUE	(LST/MOD)	PARAMETER NAME:
1	CISCO	L/M	INSTALLATION NAME
2	220749	L/M	SYSTEM ID NUMBER
3	ATT	L/M	PBX TYPE
	SYSTEM-75		PBX MODEL
4	4	L	VOICE PORTS USED
	0		FAX PORTS USED
7	3	L	REPROMPT LIMIT
8	4	L/M	BACKUP/GO AHEAD TIME (BLOCKS)
9	750	L/M	FLASH TIME (MSEC.)
12	255	L	INSTALL QUESTION NUMBER
13	FE	L/M	TRANSFER INITIATE CODE
	FDF		RE-CONNECT CODE AFTER NO ANSWER
	FDF		RE-CONNECT CODE AFTER BUSY
	NONE		RE-CONNECT CODE AFTER FAST BUSY
	NONE		TRANSFER COMPLETE CODE
16	FE	L/M	ALTERNATE TRANSFER INITIATE CODE
	FDF		ALTERNATE RE-CONNECT CODE AFTER NO ANSWER
	FDF		ALTERNATE RE-CONNECT CODE AFTER BUSY
	NONE		ALTERNATE RE-CONNECT CODE AFTER FAST BUSY
	NONE		ALTERNATE TRANSFER COMPLETE CODE
19	NO	L/M	MAILBOX NUMBERS MATCH USER EXTENSIONS
22	8	L/M	DEFAULT MESSAGE WAITING START HOUR
23	18	L/M	DEFAULT MESSAGE WAITING END HOUR



25	15	L/M	DEF MSG WTG RETRY PERIOD (MINUTES)
26	NO	L/M	DOUBLE-INTERRUPTED RINGBACK
28	500	L/M	"D" CHAR DELAY TIME. (MSEC.)
31	NONE	L/M	ALARM NUMBER
32	5	L/M	MAXIMUM MESSAGE LENGTH (MINUTES)
33	NONE	L/M	PBX INITIALIZE CODE
43	1	L/M	PERSONAL GREETING 1=NOCALL 2=CALL FIRST
45	NONE	L/M	SYSTEM-RELOAD FORWARD STRING
46	NONE	L/M	SYSTEM-RELOAD CANCEL-FORWARD STRING
51	NO	L/M	RS-232 INTEGRATED WITH PBX
56	0	L/M	NUMBER OF TRANSFER RETRIES IF FLASH FAILS
58	NO	L/M	DEV: DEVICE SUPPORT
	NO		MASTER SYSTEM
59	NONE	L/M	DID: SYSTEM PILOT EXTENSION NUMBER
60	NONE	L/M	DID: ATTENDANT EXTENSION NUMBER
61	3	L/M	DID: NUMBER OF DIGITS EXPECTED FROM CO
62	18:00	L/M	NET: NIGHT DELIVERY START TIME
63	06:00	L/M	NET: NIGHT DELIVERY END TIME
64	30	L/M	NET: MAX BEEPS FOR MULTI-CABINET CONNECT
65	20	L/M	NET: MULTI-CABINET DELIVERY ATTEMPT LIMIT
66	3	L/M	NET: MULTI-CAB. DELAY BEFORE RETRY (MIN.)
67	30	L/M	NET: MAX BEEPS FOR REMOTE CONNECT
68	5	L/M	NET: REMOTE DELIVERY ATTEMPT LIMIT
69	1	L/M	NET: REMOTE DELAY BEFORE RETRY (MIN.)
70	IMMED	L/M	NET: MESSAGE DELIVERY MODE DEFAULT
71	0	L	TONE-DETECT THRESHOLD
72	55	L/M	LINES-PER-PAGE FOR REPORTS
73	4	L/M	MIN LENGTH FOR MSG TO BE SENT (BLOCKS)
74	5	L/M	INITIAL SILENCE MAX SEC. (QCK/SCRPTD)
75	4	L/M	SUBSEQUENT SILENCE MAX SEC. (QCK/SCRPTD)
76	3	L/M	NOVICE PROMPT KEYPAD-COMMAND USAGE LIMIT
77	NO	L/M	PBX PROVIDES MOMENTARY DISCONNECT
78	YES	L	PBX PROVIDES STUTTER DIAL TONE
79	NONE	L/M	LAMP MW: "ON" PRE-EXTENSION DIGITS
80	NONE	L/M	LAMP MW: "ON" POST-EXTENSION DIGITS



81	NONE	L/M	LAMP MW: "OFF" PRE-EXTENSION DIGITS
82	NONE	L/M	LAMP MW: "OFF" POST-EXTENSION DIGITS
83	NO	L/M	LAMP MW: LIGHT LAMP FOR EACH NEW MSG
84	NO	L/M	LAMP MW: CALL EXTN BEFORE LIGHTING LAMP
85	NONE	L/M	RECONNECT CODE AFTER 3RD PARTY HUNG-UP
86	NO	L/M	CALLERS GET MUSIC-ON-HOLD
88	NO	L/M	NET: INITIAL-DIGITS INCLUDE MBOX 1ST DIG
89	NO	L/M	NET: USE TRUNK RECONNECT CODES
90	NONE	L/M	NET: RECONNECT CODE AFTER TRUNK ACCESS
91	NONE	L/M	NET: RECONNECT CODE AFTER 3RD PARTY HANG
92	NONE	L/M	NET: COMPLETE TRANSFER TO TRUNK
95	NO	L/M	PBX ACCEPTS DTMF DIGITS ON DID TRUNKS
96	60	L/M	MOVE BACKWARD DURING GREETING (BLOCKS)
97	120	L/M	MOVE FORWARD DURING GREETING (BLOCKS)
98	ENGL US--V	L/M	DEFAULT LANGUAGE
99	0	L/M	RINGBACKS BEFORE ANSWERING CX PORT
100	0	L/M	RINGBACKS BEFORE ANSWERING MX PORT
101	0	L	DELAY BEFORE TURN ON DTMF REPORTING (MSEC)
102	NONE	L/M	PAGER ACCESS DIGITS
103	3	L/M	NET: REMOTE DELAY BEFORE DTMF SIGNALING
104	0	L/M	NET: MULTI-CAB DELAY BEFORE DTMF SIGNALING
105	NONE	L/M	DEFAULT SECURITY CODE FOR MAILBOX LOGON
106	0	L/M	LAMP MW: PORT FOR LAMP MESSAGE WAITING
107	NO	L	PBX NEVER GIVES PARTIAL RINGBACK OR BUSY
108	100	L/M	DISK USAGE THRESHOLD BEFORE ALARM NOTIF.
111	NO	L/M	DIAL EXTENSION AFTER RECONNECT CODE
112	NO	L/M	SEND DTMF A ON CX/MX PORTS
113	120	L/M	MAX SIL. FOR SPECIAL PURPOSE GREETINGS (SEC)
114	NO	L/M	DEV: DELAY BEFORE INTERCEPTING CALLS
115	YES	L/M	SYSTEM SAYS ON-THE-PHONE INSTEAD OF IS-BUSY
116	YES	L/M	INTEGRATION ACTIVE
117	0	L/M	RINGBACKS BEFORE ANSWERING AX PORT
118	0	L/M	E&M: LENGTH OF RECORD (NETWORK)
119	0	L/M	E&M: NUM OF EXTN DIGITS EXPECTED (DIRECT)
120	0	L/M	E&M: NUM OF EXTN DIGITS EXPECTED (NETWORK)



121	NONE	L/M	E&M: SYSTEM PILOT EXTENSION NUMBER (DIRECT)
122	NONE	L/M	E&M: SYSTEM PILOT EXTENSION NUMBER (NETWORK)
123	NONE	L/M	E&M: ATTENDANT EXTENSION NUMBER (DIRECT)
124	NONE	L/M	E&M: ATTENDANT EXTENSION NUMBER (NETWORK)
125	0	L/M	E&M: NUM OF DIGITS BEFORE EXTN (NETWORK)
126	0	L/M	E&M: NUM OF DIGS BEFORE LOC. CODE (NETWORK)
127	NONE	L/M	E&M: LOCATION CODE
128	NO	L/M	SEND MBX TO PBX RATHER THAN EXTENSION
129	32	L/M	NET: LIMIT ON LINE QUALITY TEST
130	NO	L/M	SEND DTMF A FOR FORWARDED CALLS
131	NO	L/M	SPEAK "DIAL ZERO FOR ASSISTANCE"
133	NONE	L/M	INTEGRATION CARD EXTENSION
134	NO	L/M	IGNORE DTMFS AFTER ENTERING EXTENSION NUMBER
140	2	L/M	MAXIMUM FORWARDING DEPTH
141	NO	L/M	CAN USE 0 AS WILDCARD IN NAME
142	3	L/M	MINIMUM LETTERS REQUIRED FOR NAME
143	1	L/M	5000UI: GROUP CODE (GRP LST) FIRST DIGIT
144	0	L/M	MINIMUM LENGTH FOR SECURITY CODES
147	NONE	L/M	NAMES DIRECTORY MAILBOX
149	NO	L/M	ALLOW BLIND TRANSFER TO PERSONAL ASSISTANCE
150	NO	L/M	REMOVE "CONNECT" FOR ANNOUNCE TO INTERCEPT
151	NO	L/M	REMOVE "STATUS" FOR ANNOUNCE TO INTERCEPT
152	NO	L/M	NET: REMOVE NETWORK PROMPT FOR QUICK LOGON
153	NO	L/M	DELAY ON CX PORT BEFORE PLAYING GREETING
154	NO	L/M	REMOVE "STATUS" AFTER CALL FIRST GREETING
155	0	L/M	IGNORE LINE DROP AFTER CALL START (SECS/10)
157	YES	L/M	SPEAK DISCRETE VERSIONS OF NUMBERS 21-59
158	NO	L/M	OFFSITE MW CALL LIMIT ABSOLUTE NOT DAILY
159	NO	L/M	DETECT CALL PROGRESS ON EXTERNAL CALLS
160	NO	L/M	QUICK BUSY DETECT
161	0	L/M	MODEM ACCESS PORT (0 = ALL PORTS OK)
162	40	L/M	VOICE SECTORS TO DELETE ON BUSY DETECT
163	24	L/M	VOICE SECTORS TO DELETE ON FAST BUSY DETECT
164	NO	L/M	USE 24-HOUR CLOCK FOR REPORTS
166	NO	L/M	LAMP MW: TURN OFF ONLY IF NO NEW MESSAGES



167	YES	L/M	SPEAK AUTO COPIED(FOLLOW-ME-FORWARD) MESSAGE PROMPT
168	0	L	TALK-DETECT THRESHOLD
169	LINEAR	L/M	OUTCALL PORT SELECTION METHOD
170	NO	L/M	INTEGRATION LAMP ON/OFF LINKS MUST MATCH
176	0	L/M	FIXED LENGTH FOR DTMFINT SOURCE FIELDS
177	0	L/M	FIXED LENGTH FOR DTMFINT DEST FIELDS
178	0	L/M	FIXED LENGTH FOR DTMFINT TRUNK FIELDS
179	0	L/M	FIXED LENGTH FOR DTMFINT UNUSED FIELDS
180	7 BITS E/P	L/M	RS-232 INTEGRATED WITH PBX
181	225	L/M	NET2: MAX PROTOCOL 2 MSG LENGTH (BLOCKS)
182	0	L/M	APRG: DEF THRESHOLD (DAYS) FOR SAVED MSGS
183	0	L/M	APRG: DEF THRESHOLD (DAYS) FOR NEW MSGS
184	0	L/M	APRG: DEF THRESHOLD (DAYS) FOR NET NAMES
185	NO	L/M	MANDATORY MAILBOX SECURITY CODE
187	1	L/M	NET: MAXIMUM SIMULTANEOUS NETWORK OUTCALLS
188	NO	L/M	DISABLE SILENCE SUPPRESSION
189	0	L	MIN. DTMF DETECT ACCEPTANCE DURATION (MSEC)
190	NO	L/M	USE VOICE MAIL FIELD ON NEC PHONE
191	NONE	L/M	HOURLY TO REACTIVATE MSG WTG INDICATORS
192	10	L/M	NET4: DELAY BEFORE STARTING TO SEND DTMF-C
193	7	L/M	NET4: MAXIMUM NUMBER OF BEEPS FOR CONNECTION
194	20	L/M	NET4: REMOTE DELIVERY ATTEMPT LIMIT
195	10	L/M	NET4: REMOTE DELAY BETWEEN RETRIES
196	YES	L/M	NET4: ACCEPT MSGS FROM SYSTEMS NOT CONFIG'D
198	1	L/M	PCM ENCODING FOR SYSTEM (0=MU-LAW, 1=A-LAW)
199	NONE	L/M	NET: CREATOR MBX FOR RETURNED MESSAGES
200	NO	L/M	NET: PLAY PROMPT DURING NETWORK OUTCALL
201	NO	L/M	GIVE RECORD MESSAGE LIMIT WARNING
202	2	L/M	FAX: NUM FREE FAX CHANNELS TO MAKE FAX CALLS
203	10	L/M	FAX: NUMBER OF MINUTES FOR FAX CALL RETRIES
204	NO	L/M	FAX: ENABLE CALL-PROGRESS-TONE DETECTION
205	0	L/M	COUNTRY CODE FOR LSP PARAMETERS
206	NO	L/M	HANGUP ON GLARE DETECTION
207	NO	L/M	NO TONE DETECT MEANS BAD LINE INSTEAD OF ANS
208		L/M	FAX SYSTEM ID



209	6	L/M	FAX: DEFAULT MAX NUM OF FAX DELIV ATTEMPTS
212	0	L/M	USER I.D. LENGTH
215	OFF	L/M	DEFAULT NAMESCAN TOGGLE
219	NO	L/M	GIVE CALLERS "MORE OPTIONS" PROMPT
220	NO	L/M	ENABLE DOUBLE STAR TO DROP CALL
222	NONE	L/M	DEFAULT SECURITY CODE FOR USER I.D. LOGON
223	NO	L/M	DISABLE ###5 ACCESS TO THE MODEM
224	NO	L/M	PBX USES NEC LONG EXTENSION FORMAT
225	NO	L/M	DNET: DIGITAL NETWORKING ENABLED
226	0	L	RESERVED
227	0	L	RESERVED
228	0	L	RESERVED
229	NO	L/M	USE EXTENSION FOR INTEGRATED CALLS
230	NO	L/M	USE EXTENSION FOR AUTO-ATTENDANT CALLS
231	NO	L	LAN: RESTART FLAG
232	UNLIMITED	L	RESERVED
233	NONE	L/M	LAN: NAME SERVER IP ADDRESS
234	NONE	L/M	LAN: GATEWAY IP ADDRESS
235	NONE	L/M	LAN: SNMP MANAGER IP ADDRESS
236	NONE	L/M	LAN: SNMP MANAGER HOST ASCII NAME
237	NONE	L/M	LAN: SNMP LOCATION OF VOICE MAIL CABINET
238	NONE	L/M	LAN: SNMP NAME OF SYSTEM CONTACT
239	NONE	L/M	LAN: SNMP READ COMMUNITY
240	NONE	L/M	LAN: SNMP READ WRITE COMMUNITY
241	5	L	DNET: MSG TANDEM LIMIT BETWEEN SYSTEMS
242	NO	L/M	LAN: SEND TRAP TO THE SNMP MANAGER ON ALARM
243	NONE	L/M	INTEGRATION: ROLM 9006 PICKUP CODE
244	NO	L/M	FLASH MEANS EARTH-RECALL
245	NO	L/M	BLOCK DEFAULT TO ASSIST. ON FORWARDED CALLS
246	NO	L	DELETE "EXTENSION" PROMPT FROM USER STATUS
247	YES	L/M	OCTEL NETWORKING: ALLOW CASUAL MESSAGE RECEIVE
248	8001	L/M	OCTEL NETWORKING: SYSTEM MAILBOX
249	10	L/M	OCTEL NETWORKING: WAKEUP ATTEMPT LIMIT
250	NO	L/M	OCTEL NETWORKING: RETRIEVE NAMES ONLY AT NIGHT
251	YES	L/M	OCTEL NETWORKING: ENABLE ASCII NAME VERIFICATION



252	60	L/M	OCTEL NETWORKING: MAX FAX TRANSMIT TIME
253	NO	L/M	DNET: SWITCH TO ANALOG STANDBY
254	NONE	L/M	DIGITAL TRANSFER INITIATE CODE
	NONE		DIGITAL RE-CONNECT CODE
	NONE		DIGITAL TRANSFER COMPLETE CODE
255	NO	L/M	USE ACI FOR CALL ANSWERING INTERFACE
256	0	L/M	ACI: EASY ACCESS LOGON DIGIT
257	NO	L/M	DNET: ENABLE ASCII NAME VERIFICATION
258	NO	L/M	ENABLE POUND KEY TO OVERRIDE GREETING
259	NONE	L/M	DIGIT STRING AT END OF OFFSITE/PAGER DIGITS
260	0	L	TONE DETECTORS MASK
261	10	L/M	DNET: ANALOG STANDBY MESSAGE TRANSFER LIMIT
262	YES	L/M	ENABLE SPEAKING FAX ID STRING TO CALLER
264	NO	L/M	DNET: HIGH SPEED LINK MONITOR ENABLED
265	9	L/M	DNET: HIGH SPEED LINK MONITOR START HOUR
266	9	L/M	DNET: HIGH SPEED LINK MONITOR END HOUR
267	10	L/M	DNET: MAXIMUM CONTINUOUS DOWNTIME
268	60	L/M	DNET: MAXIMUM CUMULATIVE DOWNTIME
269	5	L/M	DNET: MAXIMUM LINK FAILURE COUNT
270	0	L	MINIMUM NUMBER OF FREE PORTS FOR OUTCALL/NETWORK IN-CALL
271	1200	L/M	RS232 INTEGRATION BAUD RATE
272	NO	L/M	IS INITIAL DIALTONE EXPECTED STUTTERED
274	NO	L/M	NET: SPEAK RECORDED LOCATION NAME
275	YES	L/M	ENABLE UNINTERRUPTIBLE SDL/PDL NAME PLAY
276	OFF	L/M	NAMESEND: DELIVERY MODE
277	10	L/M	NAMESEND: MAXIMUM NAMES TO SEND IN A SESSION
278	NO	L/M	NAMESEND: ENABLE BY DEFAULT FOR NEW USERS
279	10	L/M	NAMESEND: PURGE THRESHOLD
280	NO	L/M	NAMESEND: ENABLE AUTOMATIC NAME PROPAGATION
281	NO	L/M	GWL: GATEWAY LINK INSTALLED
282	NONE	L/M	GWL: EXTENDED MAILBOX LIST FOR MESSAGE POOL
283	NO	L/M	GWL: BK/FW/PS DURING SPEAK
284	NONE	L/M	GWL: GENERIC ERROR MAILBOX
285	NONE	L/M	GWL: GATEWAY DOWN ERROR MAILBOX
286	3	L/M	TERMINAL INACTIVITY LOGOUT TIMER (MINUTES)



287	NO	L/M	ACTIVATE RANDOM SECURITY CODE GENERATION
288	#####	L/M	ISDN/DPNSS: DELIMITER STRING FOR PAGER OUTCALLS
289	A6	L/M	DTMF CPT DIGITS FOR INTERNAL BUSY
	A6		DTMF CPT DIGITS FOR INTERNAL FASTBUSY
	A2		DTMF CPT DIGITS FOR INTERNAL RING
	A5		DTMF CPT DIGITS FOR INTERNAL ANS
290	A6	L/M	DTMF CPT DIGITS FOR EXTERNAL BUSY
	A2		DTMF CPT DIGITS FOR EXTERNAL RING
	A5		DTMF CPT DIGITS FOR EXTERNAL ANS
291	A1	L/M	DTMF CPT DIGITS FOR DIAL TONE INDICATION
292	A6	L/M	DTMF CPT DIGITS FOR HANG-UP NOTIFICATION
294	0	L/M	MIN. PRIORITY LEVEL FOR NAMES PROPAGATION
295	NO	L/M	BLOCK MWI/MWN ON BROADCAST MESSAGES
296	NO	L/M	ACD LOGIN ENABLED FOR CALL PROCESSING PORTS.
297	NO	L/M	TELNET: ENABLE TELNET SERVER
298	YES	L	ENABLE PATCHING AT MAINTENANCE LEVEL
300	0	L/M	TELNET: TELNET SERVER PORT NUMBER
304	NONE	L/M	DPNSS: MESSAGE WAITING INDICATION ON STRING
305	NONE	L/M	DPNSS: MESSAGE WAITING INDICATION OFF STRING
306	9000	L/M	DPNSS/QSIG: VOICE MAIL ORIGINATING LINE ID
307	NONE	L/M	ISDN: MWI CONTROL EXTENSION
309	NONE	L/M	ENHANCED LAMP MWI: "ON" PRE-EXTN DIGITS
310	NONE	L/M	ENHANCED LAMP MWI: "ON" POST-EXTN DIGITS
311	NONE	L/M	ENHANCED LAMP MWI: "OFF" PRE-EXTN DIGITS
312	NONE	L/M	ENHANCED LAMP MWI: "OFF" POST-EXTN DIGITS
313	5050	L/M	DPNSS/QSIG: VOICE MAIL DESTINATION ADDRESS
314	NO	L/M	DPNSS: ALLOW NON IVM USERS TO SET DIVERT TO VOICEMAIL
315	NO	L/M	DPNSS: ALLOW NON IVM USERS TO FORWARD TO VOICEMAIL
316	NONE	L/M	DIAL BY NAME HELP MAILBOX
317	75	L/M	% of MAX NUMBER of MSGS for ALMOST FULL MBX Cond
318	NO	L	TELNET: Enable Telnet client access through MODEM
319	NONE	L/M	Aria TUI: System Broadcast Mailbox



320 YES L/M Aria TUI: Play initial entry tutorial
321 AUTO L Ethernet Controller Speed Select

Octel 200 Slot 1 E1 Q.SIG to the S8500 PBX

SLOTS TABLE:

SLOT CARD TYPE PORT EXTENSION# COS MODE OUTCALL TEST A/B SYS

1 DTC17-QSIG 1 254 AX NO NO B 1
2 254 AX NO NO B 2

LSP table: QSIG_SLV

PRIMARY SYNC RECEIVER OF CLOCK

Octel 200 Class of Service for the user mailbox

.l profile

COS:20

COS 20 (MAILBOX COS) 74

ATTRIBUTE

- 7 This user may send a PRIVATE message.
- 9 LAMP or DISPLAY PHONE message waiting.
- 10 May RECORD NAMES for all mailboxes.
- 12 This user may REPLY to ADDITIONAL addresses.
- 15 Transfer to a RINGING EXTENSION.
- 17 May send NETWORK messages IMMEDIATELY.
- 19 May request a RETURN RECEIPT message.
- 43 May RE-RECORD message after a busy or unanswered call.



- 61 This mailbox may send FUTURE DELIVERY messages.
- 64 This user may ERASE a message during ADDRESSING OPTIONS.
- 69 SPEAK DIGITS entered to CONFIRM message address.
- 76 Use NEW and SAVED/ARCHIVED MESSAGE queues.
- 77 ALLOW user to record PERSONAL NAME.
- 78 FORCE recording of PERSONAL NAME.
- 79 ALLOW address entry before record.
- 93 Allow USER to send an URGENT MESSAGE.
- 114 Enable extended absence greeting.
- 126 DO NOT speak "Greeting is on" prompt after LOGIN.
- 132 FORCED LOGON to Busy Mailbox.

COS 20 (MAILBOX COS) 74

1	PDL/GRP LST INDEX VALUE	NONE
3	PURGE SAVED(ARCHIVED) msgs older than (days)	0
4	PURGE NEW msgs older than (days)	0
5	SECURITY CODE change interval (days)	NONE
6	CALL FORWARD PROMPT LANGUAGES:	NONE
8	NETWORK PREFIX	NONE
9	ACI: Caller Prompting LEVEL	FULL

SCHEDULE TABLES:

SCHEDULE FOR COS 20 (MAILBOX COS) 74

PERIOD	DAYS	START	STOP	INFO	TABLE#
DEFAULT				20

INFORMATION TABLES:



TABLE 20 (MAILBOX INFO)

1. INTERCEPT MAILBOX 8000
4. MAX DIGIT FOR MENU NONE
5. PREFIX DIGS FOR MENU NONE
6. PRE EXTENSION DIGITS NONE
7. RINGS BEFORE NO ANS 4
8. MSG WAITING RINGS 4
9. TIMES TO RETRY ON BUSY NONE
10. USE ALT TRANSFER CODES NO
11. DIVERT MSGS TO MAILBOX NONE
12. MSG WAITING NOTIF YES
13. AUTO GREETING ACTIV NO
14. OFFSITE ATTEMPT TIMES NONE
15. OFFSITE SPEAK TIMES 3
16. OFFSITE SPEAK DELAY 5
17. OFFSITE PREFIX DIGITS NONE
18. NEXT MAILBOX NONE
19. OFFSITE DIAL SYSP DIGS NO
20. OFFSITE END SYSP DIGS NO
22. MAXIMUM MSG LENGTH 6
23. MAX NUMBER OF MSGS 32
24. PERSONAL ASSISTANCE NO
25. QUICK GREETING ACTIV NO
26. AUTOTRANSFER TO ASSIST NO
27. MSG WITH AUTO TRANSFER NO
28. ANNOUNCE CALLS TO INT NO
29. LANGUAGE NONE
30. GROUP FAX NUMBER NONE
31. OFFSITE ONLY IF URGENT NO



- 32. MAX FAX DELIV ATTEMPTS SYSP 209
- 35. OVERRIDE TRUNK GRP. # NONE
- 36. DEFAULT GREETING MBOX NONE

.l profile

COS:254

COS 254 (PORT/TRUNK COS)

1	PDL/GRP LST	INDEX VALUE	NONE
3	PURGE SAVED(ARCHIVED) msgs older than (days)		0
4	PURGE NEW msgs older than (days)		0
5	SECURITY CODE change interval (days)		NONE
6	CALL FORWARD PROMPT LANGUAGES:		NONE
8	NETWORK PREFIX		NONE
9	ACI: Caller Prompting LEVEL		FULL

SCHEDULE TABLES:

SCHEDULE FOR COS 254 (PORT/TRUNK COS)

PERIOD	DAYS	START	STOP	INFO	TABLE#
DEFAULT				254

INFORMATION TABLES:

TABLE 254 (PORT/TRUNK INFO)

- 1. INTERCEPT MAILBOX 8000
- 2. COMPANY GREETING MBX 8001
- 4. MAX DIGIT FOR MENU NONE
- 5. PREFIX DIGS FOR MENU NONE



- 6. PRE EXTENSION DIGITS NONE
- *7. RINGS BEFORE NO ANS 4
- *9. TIMES TO RETRY ON BUSY NONE
- *10. USE ALT TRANSFER CODES NO
- 18. NEXT MAILBOX NONE
- 26. AUTOTRANSFER TO ASSIST NO
- 27. MSG WITH AUTO TRANSFER NO
- 29. LANGUAGE NONE
- 34. LOGIN FAILURE XFER MBX NONE

* Used ONLY when MAILBOX is UNDEFINED

Octel 200 User mailbox

USERS TABLE:

MAILBOX	EXTENSION	COS	SECURITY	NAME
2005	2005	20	N	N
2006	2006	20	N	N
2151	2151	20	N	N



Configuring the Cisco Unified Communications Manager

Cisco Unified Communications Manager Software Version

Cisco Unified CM Administration
System version: 6.0.1.1000-37

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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.

A summary of U.S. laws governing Cisco cryptographic products may be found at: <http://www.cisco.com/wvl/export/crypto/tool/stqrg.html>.
If you require further assistance please contact us by sending email to export@cisco.com.



Cisco Unified Communications Manager Enterprise Parameters (Organization Top Level Domain)

Enterprise Parameters Configuration - Microsoft Internet Explorer

Address: https://172.20.214.254:8443/ccmadmin/serviceParamEdit.do?service=11

Cisco Unified CM Administration
For Cisco Unified Communications Solutions

Navigation: Cisco Unified CM Administration | Go

CCMAdministrator | About | Logout

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

Enterprise Parameters Configuration

Save | Set to Default | Reset

Maximum Performance Counters Per Session *	100	100
Allowed CDRonDemand get_file Queries Per Minute *	10	10
Allowed CDRonDemand get_file_list Queries Per Minute *	20	20

Trace Parameters

File Close Thread Flag *	False	True
FileCloseThreadQueueWatermark *	100	100

User Management Parameters

Effective Access Privileges For Overlapping User Groups and roles *	Maximum	Maximum
---	---------	---------

Service Manager TCP ports parameters

Service Manager TCP Server communication port number *	8888	8888
Service Manager TCP Client communication port number *	8889	8889

CRS Application Parameters

Auto Attendant Installed *	false	
IPCC Express Installed *	false	

Clusterwide Domain Configuration

Organization Top Level Domain	lab2.com	
Cluster Fully Qualified Domain Name		

Denial-of-Service Protection

Denial-of-Service Protection Flag *	True	True
-------------------------------------	------	------

Cisco Support Use

Cisco Support Use 1		
---------------------	--	--

Save | Set to Default | Reset

i * - indicates required item.
i **Set-to-Default button only applies to the modifiable parameters.

Done Local Intranet



Cisco Unified Communications Manager Enterprise SIP Trunk Security Profile

The screenshot displays the Cisco Unified CM Administration web interface in Microsoft Internet Explorer. The browser title is "SIP Trunk Security Profile Configuration - Microsoft Internet Explorer". The address bar shows the URL: <https://172.20.214.254:8443/ccmadmin/sipTrunkSecurityProfileEdit.do?key=90a1b59a-28e6-9913-8ece-92814ead5bef>. The page header includes the Cisco logo and "Cisco Unified CM Administration For Cisco Unified Communications Solutions". The user is logged in as "CCMAdministrator".

The main content area is titled "SIP Trunk Security Profile Configuration". It features a toolbar with "Save", "Delete", "Copy", "Reset", and "Add New" buttons. Below the toolbar is a "Status" section showing "Status: Ready".

The "SIP Trunk Security Profile Information" section contains the following fields and options:

- Name*: None Secured UDP Profile
- Description: for Avaya PBX
- Device Security Mode: Non Secure
- Incoming Transport Type*: TCP+UDP
- Outgoing Transport Type: UDP
- Enable Digest Authentication
- Nonce Validity Time (mins)*: 600
- X.509 Subject Name:
- Incoming Port*: 5060
- Enable Application Level Authorization
- Accept Presence Subscription
- Accept Out-of-Dialog REFER
- Accept Unsolicited Notification
- Accept Replaces Header

At the bottom of the configuration area, there are buttons for "Save", "Delete", "Copy", "Reset", and "Add New". A note below the buttons states: "i *- indicates required item."

The browser status bar at the bottom shows "Done" and "Local Intranet".



Cisco Unified Communications Manager Enterprise SIP Phone Security Profile

Phone Security Profile Configuration - Microsoft Internet Explorer

Address: <https://172.20.214.254:8443/ccmadmin/phoneSecurityProfileEdit.do?key=0b5afc10-38a8-47fc-87dc-f78e469e289b>

Cisco Unified CM Administration
For Cisco Unified Communications Solutions

Navigation: Cisco Unified CM Administration Go

CCMAdministrator | About | Logout

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

Phone Security Profile Configuration

Related Links: Back To Find/List Go

Copy Reset Add New

Status
Status: Ready

Phone Security Profile Information

Product Type: Cisco 7961
Device Protocol: SIP

Name* Cisco 7961 - Standard SIP Non-Secure Profile
Description Cisco 7961 - 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

Note: These fields are related to the CAPF Information settings on the Phone Configuration page.

Parameters used in Phone

SIP Phone Port* 5060

Copy Reset Add New

*. indicates required item.

Done Local Intranet



Cisco Unified Communications Manager Device SIP Profile

SIP Profile Configuration - Microsoft Internet Explorer

Address: <https://172.20.214.254:8443/ccmadmin/sipProfileEdit.do?key=fc7581-4d8d-48f3-917e-00b09fb39213>

Cisco Unified CM Administration
For Cisco Unified Communications Solutions

Navigation: Cisco Unified CM Administration Go

CCMAdministrator | About | Logout

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

SIP Profile Configuration

Related Links: Back To Find/List Go

Copy Reset Add New

Status
Status: Ready

SIP Profile Information

Name*	Standard SIP Profile
Description	Default SIP Profile
Default MTP Telephony Event Payload Type*	101

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

Done Local Intranet



SIP Profile Configuration - Microsoft Internet Explorer

Address: https://172.20.214.254:8443/ccmadmin/sipProfileEdit.do?key=fc7581-4d8d-48f3-917e-00b09fb39213

Cisco Unified CM Administration
For Cisco Unified Communications Solutions

Navigation: Cisco Unified CM Administration Go

CCMAdministrator | About | Logout

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

SIP Profile Configuration

Related Links: Back To Find/List Go

Copy Reset Add New

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 (milliseconds)*	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.

Done Local intranet



Cisco Unified Communications Manager Media Resource Group and Media Resource Group List

The screenshot shows the Cisco Unified CM Administration web interface in Microsoft Internet Explorer. The browser title is "Media Resource Group Configuration - Microsoft Internet Explorer". The address bar shows the URL: <https://172.20.214.254:8443/ccmadmin/mrsrcGroupEdit.do?key=d476d02e-00f4-a934-bc4f-390d749fdb3b>. The page header includes the Cisco logo and "Cisco Unified CM Administration For Cisco Unified Communications Solutions". The user is logged in as "CCMAdministrator".

The main content area is titled "Media Resource Group Configuration". It includes a toolbar with "Save", "Delete", "Copy", "Reset", and "Add New" buttons. Below the toolbar, the "Status" section shows "Status: Ready". The "Media Resource Group Status" section indicates "Media Resource Group: MRG-CM-VENUS (used by 23 devices)".

The "Media Resource Group Information" section contains two text input fields: "Name*" with the value "MRG-CM-VENUS" and "Description" with the value "MRG-CM-VENUS".

The "Devices for this Group" section features two list boxes. The "Available Media Resources**" list is currently empty. The "Selected Media Resources*" list contains: ANN_2 (ANN), CFB_2 (CFB), MOH_2 (MOH), and MTP_2 (MTP). There are up and down arrow icons between the two list boxes. A checkbox labeled "Use Multicast for MOH Audio (If at least one multicast MOH resource is available)" is present and unchecked.

At the bottom of the configuration area, there are buttons for "Save", "Delete", "Copy", "Reset", and "Add New". Below these buttons, there are two informational messages: one stating "*- indicates required item." and another stating "**Includes Annunciators (ANN), Conference Bridges (CFB), Media Termination Points (MTP), Music On Hold Servers (MOH) and Transcoders (XCODE)".

The browser status bar at the bottom shows "Done" and "Local Intranet".



Media Resource Group List Configuration - Microsoft Internet Explorer

Address: https://172.20.214.254:8443/ccmadmin/mrsrcListEdit.do?key=1da23bd4-b40b-f6bf-7be5-8ca0fdbb9f6

Cisco Unified CM Administration
For Cisco Unified Communications Solutions

Navigation: Cisco Unified CM Administration Go

CCMAdministrator | About | Logout

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

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

Save Delete Copy Reset Add New

Status
Status: Ready

Media Resource Group List Status
Media Resource Group List: MRGL-CM-VENUS (used by 23 devices)

Media Resource Group List Information
Name* MRGL-CM-VENUS

Media Resource Groups for this List
Available Media Resource Groups
Selected Media Resource Groups: MRG-CM-VENUS

Save Delete Copy Reset Add New

*- indicates required item.

Done Local intranet



Cisco Unified Communications Manager Partitions

The screenshot shows the Cisco Unified CM Administration interface for configuring a partition. The browser window is titled "Partition Configuration - Microsoft Internet Explorer" and the address bar shows the URL: <https://172.20.214.254:8443/ccmadmin/partitionEdit.do?key=1e9a4046-86ca-b179-850d-15c2ae2c0193>. The page header includes the Cisco logo, "Cisco Unified CM Administration", and "For Cisco Unified Communications Solutions". The user is logged in as "CCMAdministrator".

The main content area is titled "Partition Configuration" and includes a "Related Links" section with a "Back To Find/List" button. Below this are action buttons: Save, Delete, Reset, and Add New.

The "Status" section shows "Status: Ready".

The "Partition Information" section contains the following fields:

- Name*: Incoming Trunk
- Description: Incoming Trunk
- Time Schedule: < None >
- Time Zone: Originating Device, Specific Time Zone: Greenwich Standard Time

At the bottom of the form are buttons for Save, Delete, Reset, and Add New. A note below the buttons states: "i * - indicates required item."



Partition Configuration - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address: https://172.20.214.254:8443/ccadmin/partitionEdit.do?key=bd0af5f0-85d1-1421-413a-dfe6af33fd49

Cisco Unified CM Administration
For Cisco Unified Communications Solutions

Navigation Cisco Unified CM Administration Go

CCMAdministrator | About | Logout

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

Partition Configuration Related Links: Back To Find/List Go

Save Delete Reset Add New

Status
Status: Ready

Partition Information

Name* Phones
Description Phones
Time Schedule < None >
Time Zone Originating Device
 Specific Time Zone Greenwich Standard Time

Save Delete Reset Add New

i *- indicates required item.

Done Local intranet



Cisco Unified Communications Manager Calling Search Space

The screenshot shows the Cisco Unified CM Administration web interface in Microsoft Internet Explorer. The browser title is "Calling Search Space Configuration - Microsoft Internet Explorer". The address bar shows the URL: <https://172.20.214.254:8443/ccmadmin/cssEdit.do?key=036e9d78-5565-fe7d-69b2-686dfae89d60>. The page header includes the Cisco logo, "Cisco Unified CM Administration", and "For Cisco Unified Communications Solutions". Navigation links include "CCMAdministrator", "About", and "Logout". A menu bar contains: System, Call Routing, Media Resources, Voice Mail, Device, Application, User Management, Bulk Administration, and Help. The main content area is titled "Calling Search Space Configuration" and includes a "Related Links: Back To Find/List" link. Below the title are action buttons: Save, Delete, Copy, and Add New. The "Status" section shows "Status: Ready". The "Calling Search Space Information" section has a "Name*" field with "Incoming Trunk" and a "Description" field. The "Route Partitions for this Calling Search Space" section shows "Available Partitions**" with "Phones" and "Selected Partitions" with "Incoming Trunk". At the bottom, there are buttons for Save, Delete, Copy, and Add New, and two informational messages: "*- indicates required item." and "**Selected Partitions are ordered by highest priority". The browser status bar shows "Done" and "Local intranet".



Calling Search Space Configuration - Microsoft Internet Explorer

Address: https://172.20.214.254:8443/ccmadmin/cssEdit.do?key=26cb0ef5-f9f0-499e-5d95-b1e1199e5c0f

Cisco Unified CM Administration
For Cisco Unified Communications Solutions

Navigation: Cisco Unified CM Administration | Go

CCMAdministrator | About | Logout

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

Calling Search Space Configuration | Related Links: Back To Find/List | Go

Save | Delete | Copy | Add New

Status
Status: Ready

Calling Search Space Information
Name*: Phones
Description:

Route Partitions for this Calling Search Space
Available Partitions**: Incoming Trunk
Selected Partitions: Phones

Save | Delete | Copy | Add New

*- indicates required item.
**Selected Partitions are ordered by highest priority

Done | Local intranet



Cisco Unified Communications Manager Device Pool

Device Pool Configuration - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Refresh Print Mail

Address <https://172.20.214.254:8443/ccmadmin/devicePoolEdit.do?key=1b1b9eb6-7803-11d3-bdf0-00108302ead1> Go Links

Cisco Unified CM Administration
For Cisco Unified Communications Solutions

Navigation Cisco Unified CM Administration Go

CCMAdministrator | About | Logout

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

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

Save Delete Copy Reset Add New

Status
Status: Ready

Device Pool Information
Device Pool: Default (23 members)**

Device Pool Settings

Device Pool Name*	Default
Cisco Unified Communications Manager Group*	Default
Calling Search Space for Auto-registration	< None >
Reverted Call Focus Priority	Default

Roaming Sensitive Settings

Date/Time Group*	CMLocal
Region*	Default
Media Resource Group List	MRGL-CM-VENUS
Location	< None >
Network Locale	< None >
SRST Reference*	Disable
Connection Monitor Duration***	
Physical Location	< None >
Device Mobility Group	< None >

Device Mobility Related Information****

Device Mobility Calling Search Space	< None >
AAR Calling Search Space	< None >
AAR Group	< None >

Save Delete Copy Reset Add New

*- indicates required item.

Done Local intranet



Cisco Unified Communications Manager SIP Trunk to Avaya SIP Proxy

The screenshot displays the Cisco Unified CM Administration web interface in Microsoft Internet Explorer. The browser address bar shows the URL: `https://172.20.214.254:8443/cmadmin/trunkEdit.do?key=581ac3ec-131c-a03f-a7b3-81983f773e9a`. The page title is "Trunk Configuration - Microsoft Internet Explorer".

The navigation menu includes: System, Call Routing, Media Resources, Voice Mail, Device, Application, User Management, Bulk Administration, and Help. The user is logged in as "CCMAdministrator".

The main content area is titled "Trunk Configuration" and includes a "Related Links" section with "Back To Find/List". Action buttons for Save, Delete, Reset, and Add New are visible.

The configuration is organized into several sections:

- Status:** Status: Ready
- Device Information:**
 - Product: SIP Trunk
 - Device Protocol: SIP
 - Device Name*: Avaya-S8500-2-SIP
 - Description: SIP Trunk via Proxy on Avaya-S8500-2
 - Device Pool*: Default
 - Common Device Configuration: MigratedCommonDeviceConfig1
 - Call Classification*: Use System Default
 - Media Resource Group List: MRGL-CM-VENUS
 - Location*: Hub_None
 - AAR Group: < None >
 - Packet Capture Mode*: None
 - Packet Capture Duration: 60
 - 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: Incoming Trunk
 - AAR Calling Search Space: < None >



Trunk Configuration - Microsoft Internet Explorer

Address: https://172.20.214.254:8443/ccadmin/trunkEdit.do?key=581ac3ec-131c-a03f-a7b3-81983f773e9a

Cisco Unified CM Administration
For Cisco Unified Communications Solutions

Navigation: Cisco Unified CM Administration

CCAdministrator | About | Logout

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

Trunk Configuration | Related Links: Back To Find/List

Save | Delete | Reset | Add New

Calling Search Space: Incoming Trunk
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*: 172.20.213.254
 Destination Address is an SRV
Destination Port*: 5060
MTP Preferred Originating Codec*: 711ulaw
Presence Group*: Standard Presence group
SIP Trunk Security Profile*: None Secured UDP Profile
Rerouting Calling Search Space: < None >
Out-Of-Dialog Refer Calling Search Space: < None >
SUBSCRIBE Calling Search Space: < None >
SIP Profile*: Default SIP Profile
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.

Done | Local intranet



Cisco Unified Communications Manager SCCP Phone Ext. 6000 Device Level Configuration

Phone Configuration - Microsoft Internet Explorer

Address: <https://172.20.214.254:8443/ccmadmin/deviceEdit.do?key=105df842-1581-4235-9b43-097c6ee58d16>

Cisco Unified CM Administration
For Cisco Unified Communications Solutions

Navigation: Cisco Unified CM Administration GO
CCMAdministrator | About | Logout

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

Phone Configuration Related Links: Back To Find/List GO

Save Delete Copy Reset Add New

Status
Status: Ready

Association Information
Modify Button Items

1	775 Line [1] - 6000 in Phones
2	775 Line [2] - 6007 in Phones
3	Add a new SD
4	Add a new SD
5	Add a new SD
6	Add a new SD
----- Unassigned Associated Items -----	
7	775 Line [3] - Add a new DN
8	Add a new SD
9	Add a new SURF
10	Add a new BLF SD
11	775 Add a new BLF Directed Call Park
12	Privacy
13	None

Phone Type
Product Type: Cisco 7960
Device Protocol: SCCP

Device Information

Registration	Registered with Cisco Unified Communications Manager CM-VENUS
IP Address	172.20.214.100
MAC Address*	00127F3B9054
Description	6000 SCCP
Device Pool*	Default View Details
Common Device Configuration	MigratedCommonDeviceConfig1 View Details
Phone Button Template*	Standard 7960 SCCP
Softkey Template	Standard User CallBack
Common Phone Profile*	Standard Common Phone Profile
Calling Search Space	< None >
AAR Calling Search Space	< None >
Media Resource Group List	MRGL-CM-VENUS
User Hold MOH Audio Source	1-SampleAudioSource
Network Hold MOH Audio Source	< None >
Location*	Hub_None
AAR Group	< None >
User Locale	< None >
Network Locale	< None >
Built In Bridge*	Default
Privacy*	Default
Device Mobility Mode*	Default View Current Device Mobility Settings
Owner User ID	< None >
Phone Load Name	

Done Local intranet



Phone Configuration - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites

Address <https://172.20.214.254:8443/ccmadmin/deviceEdit.do?key=105df842-1581-4235-9b43-097c6ee53d16> Go Links

Cisco Unified CM Administration
For Cisco Unified Communications Solutions

Navigation Cisco Unified CM Administration Go

CCMAdministrator | About | Logout

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

Phone Configuration Related Links: Back To Find/List Go

Save Delete Copy Reset Add New

Retry Video Call as Audio
 Ignore Presentation Indicators (internal calls only)
 Allow Control of Device from CTI
 Logged Into Hunt Group
 Remote Device

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 2007 8 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

Local intranet



Phone Configuration - Microsoft Internet Explorer

Address: <https://172.20.214.254:8443/ccmadmin/deviceEdit.do?key=105df842-1581-4235-9b43-097c6ee53d16>

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Phone Configuration | Related Links: Back To Find/List

Save | Delete | Copy | Reset | Add New

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: -- Use Current Device Settings --
Log in Time: < None >
Log out Time: < None >

MLPP Information

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

Do Not Disturb

Do Not Disturb
DND Option*: Ringer Off
DND Incoming Call Alert: Beep Only

Product Specific Configuration Layout

Disable Speakerphone
 Disable Speakerphone and Headset
PC Port *: Enabled

Local intranet



Phone Configuration - Microsoft Internet Explorer

Address: https://172.20.214.254:8443/ccadmin/deviceEdit.do?key=105df842-1581-4235-9b43-097c6ee53d16

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Phone Configuration | Related Links: Back To Find/List

Save | Delete | Copy | Reset | Add New

Log in Time < None >
Log out Time < None >

MLPP Information

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

Do Not Disturb

Do Not Disturb
DND Option* Ringer Off
DND Incoming Call Alert Beep Only

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

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.

Local intranet



Cisco Unified Communications Manager SCCP Phone Ext 6000 Directory Number Level Configuration

Directory Number Configuration - Microsoft Internet Explorer

Address: <https://172.20.214.254:8443/ccmadmin/directoryNumberEdit.do?key=fac40e9-d1c9-4be8-882c-045d51c18ee1&mapkey=a5081320-0e25-4c74-87be-eb119c0b1ca6&devicekey=105df842-1581-4235-9b43-097c6ee58d16&...>

Cisco Unified CM Administration
For Cisco Unified Communications Solutions

Navigation: Cisco Unified CM Administration **GO**

CCMAdministrator | About | Logout

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

Directory Number Configuration Related Links: [Configure Device \(SEP00127F3B9054\)](#) **GO**

Save **X** Delete **R** Reset **+** Add New

Status
Status: Ready

Directory Number Information

Directory Number*
Route Partition
Description
Alerting Name
ASCII Alerting Name
 Allow Control of Device from CTI
Associated Devices

Dissociate Devices

Directory Number Settings

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

AAR Settings

	Voice Mail	AAR Destination Mask	AAR Group
AAR <input type="checkbox"/> or		<input type="text"/>	<input type="text" value="< None >"/>

Retain this destination in the call forwarding history

Done Local intranet



Directory Number Configuration - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address: https://172.20.214.254:8443/ccmadmin/directoryNumberEdit.do?key=facb40e9-d1c9-4be8-882c-045d51c18ee1&mapkey=a5081320-0e25-4c74-87be-eb119c0b1ca6&devicekey=105df842-1581-4235-9b43-097c6ee58d168r

Cisco Unified CM Administration
For Cisco Unified Communications Solutions

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Directory Number Configuration Related Links: Configure Device (SEP00127F3B9054)

Save Delete Reset Add New

Call Forward and Call Pickup Settings

	Voice Mail	Destination	Calling Search Space
Calling Search Space Activation Policy			Use System Default
Forward All	<input type="checkbox"/> or		Phones
Secondary Calling Search Space for Forward All			< None >
Forward Busy Internal	<input type="checkbox"/> or		Phones
Forward Busy External	<input type="checkbox"/> or		Phones
Forward No Answer Internal	<input type="checkbox"/> or	2151	Phones
Forward No Answer External	<input type="checkbox"/> or	2151	Phones
Forward No Coverage Internal	<input type="checkbox"/> or		< None >
Forward No Coverage External	<input type="checkbox"/> or		< None >
Forward on CTI Failure	<input type="checkbox"/> or		< None >
Forward Unregistered Internal	<input type="checkbox"/> or	6001	Phones
Forward Unregistered External	<input type="checkbox"/> or	6001	Phones
No Answer Ring Duration (seconds)		10	
Call Pickup Group		< None >	

MLPP Alternate Party Settings

Target (Destination):

MLPP Calling Search Space: < None >

MLPP No Answer Ring Duration (seconds):

Line Settings for All Devices

Hold Reversion Ring Duration (seconds): Setting the Hold Reversion Ring Duration to zero will disable the feature

Hold Reversion Notification Interval (seconds): Setting the Hold Reversion Notification Interval to zero will disable the feature

Line 1 on Device SEP00127F3B9054

Display (Internal Caller ID): VENUS-0 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):



Directory Number Configuration - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address <https://172.20.214.254:8443/ccmadmin/directoryNumberEdit.do?key=facb40e9-d1c9-4be8-882c-045d51c18ee1&mapkey=a5081320-0e25-4c74-87be-eb119c0b1ca6&devicekey=105df842-1581-4235-9b43-097c6ee58d168a> Go Links >>

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Directory Number Configuration Related Links: [Configure Device \(SEP00127F3B9054\)](#) Go

Save Delete Reset Add New

ASCII Display (Internal Caller ID)

Line Text Label

ASCII Line Text Label

External Phone Number Mask

Visual Message Waiting Indicator Policy*

Ring Setting (Phone Idle)*

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

Call Pickup Group Audio Alert Setting(Phone Idle)

Call Pickup Group Audio Alert Setting(Phone Active)

Monitoring Calling Search Space

Multiple Call/Call Waiting Settings on Device SEP00127F3B9054

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 SEP00127F3B9054

Caller Name

Caller Number

Redirected Number

Dialed Number

Users Associated with Line

*- indicates required item.

Done Local intranet



Cisco Unified Communications Manager SIP Phone Ext. 6013 Device Level Configuration

Phone Configuration - Microsoft Internet Explorer

Address: <https://172.20.214.254:8443/cmadmin/deviceEdit.do?key=b90581ce-c6fb-0265-475a-c0a12070ffce>

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Phone Configuration Related Links: Back To Find/List Go

Save Delete Copy Reset Add New

Status
Status: Ready

Association Information
Modify Button Items

1	Line [1] - 6013 in Phones
2	Line [2] - Add a new DN
3	Add a new SD
4	Add a new SD
5	Add a new SD
6	Add a new SD
----- Unassigned Associated Items -----	
7	Add a new SD
8	Add a new SURF
9	Add a new BLF SD
10	Add a new BLF Directed Call Park
11	Intercom [1] - Add a new Intercom
12	Do Not Disturb
13	Privacy
14	None

Phone Type
Product Type: Cisco 7961
Device Protocol: SIP

Device Information

Registration	Registered with Cisco Unified Communications Manager CM-VENUS
IP Address	172.20.214.113
MAC Address*	00152B8F3767
Description	6013 SIP
Device Pool*	Default View Details
Common Device Configuration	MigratedCommonDeviceConfig1 View Details
Phone Button Template*	Standard 7961 SIP
Softkey Template	Standard User CallBack
Common Phone Profile*	Standard Common Phone Profile
Calling Search Space	< None >
AAR Calling Search Space	< None >
Media Resource Group List	MRGL-CM-VENUS
User Hold MOH Audio Source	1-SampleAudioSource
Network Hold MOH Audio Source	1-SampleAudioSource
Location*	Hub_None
AAR Group	< None >
User Locale	English, United States
Network Locale	United States
Built In Bridge*	Default
Privacy*	Default
Device Mobility Mode*	Default View Current Device Mobility Settings
Owner User ID	< None >
Phone Personalization*	Default
Phone Load Name	

Done Local Intranet



Phone Configuration - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Refresh Print Mail Print Mail

Address <https://172.20.214.254:8443/ccmadmin/deviceEdit.do?key=b90581ce-c6fb-0265-475a-c0a12070ffce> Go Links

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Phone Configuration Related Links: Back To Find/List Go

Save Delete Copy Reset Add New

Phone Load Name

Ignore Presentation Indicators (internal calls only)

Allow Control of Device from CTI

Logged Into Hunt Group

Remote Device

Protocol Specific Information

Packet Capture Mode*

Packet Capture Duration

Presence Group*

SIP Dial Rules

MTP Preferred Originating Codec*

Device Security Profile*

Rerouting Calling Search Space

SUBSCRIBE Calling Search Space

SIP Profile*

Digest User

Media Termination Point Required

Unattended Port

Require DTMF Reception

Certification Authority Proxy Function (CAPF) Information

Certificate Operation*

Authentication Mode*

Authentication String

Key Size (Bits)*

Operation Completes By

Certificate Operation Status: None

Note: Security Profile Contains Addition CAPF Settings.

Local intranet



Phone Configuration - Microsoft Internet Explorer

Address: https://172.20.214.254:8443/ccmadmin/deviceEdit.do?key=b90581ce-c6fb-0265-475a-c0a12070ffce

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Phone Configuration Related Links: Back To Find/List Go

Save Delete Copy Reset Add New

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: -- Use Current Device Settings --
Log in Time: < None >
Log out Time: < None >

MLPP Information

MLPP Domain: < None >

Do Not Disturb

Do Not Disturb
DND Option*: Ringer Off
DND Incoming Call Alert: Disable

Secure Shell Information

Secure Shell User:
Secure Shell Password:

Product Specific Configuration Layout

Disable Speakerphone

Local intranet



Phone Configuration - Microsoft Internet Explorer

Address: https://172.20.214.254:8443/ccmadmin/deviceEdit.do?key=b90581ce-c6fb-0265-475a-c0a12070ffce

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Phone Configuration | Related Links: Back To Find/List

Save | Delete | Copy | Reset | Add New

<input type="checkbox"/> 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
Span to PC Port*	Disabled
Logging Display*	PC Controlled
Load Server	
Recording Tone*	Disabled
Recording Tone Local Volume*	100
Recording Tone Remote Volume*	50
Recording Tone Duration	
RTCP*	Disabled
"more" Soft Key Timer	5
Auto Call Select*	Enabled
Log Server	
Advertise G.722 Codec*	Use System Default
Wideband Headset UI Control*	Enabled
Wideband Handset UI Control*	Enabled
Wideband Handset*	Enabled
Wideband Handset*	Use Phone Default
Peer Firmware Sharing*	Disabled
Cisco Discovery Protocol (CDP): Switch Port*	Enabled
Cisco Discovery Protocol (CDP): PC Port*	Enabled

Save | Delete | Copy | Reset | Add New

Local intranet



Cisco Unified Communications Manager SIP Phone Ext. 6013 Directory Number Level Configuration

Directory Number Configuration - Microsoft Internet Explorer

Address: https://172.20.214.254:8443/ccmadmin/directoryNumberEdit.do?key=14a6aa00-1b8b-10bc-cd8d-2e0413c40e45&mapkey=bee93c9-e3a2-a353-e5a7-17c232e83301&devicekey=b90581ce-c6fb-0265-475a-c0a12070fcea&in

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Directory Number Configuration Related Links: Configure Device (SEP00152B8F3767)

Save Delete Reset Add New

Status
Status: Ready

Directory Number Information

Directory Number*: 6013
Route Partition: Phones
Description:
Alerting Name: VENUS-13(A)
ASCII Alerting Name: VENUS-13(A)
 Allow Control of Device from CTI
Associated Devices: SEP00152B8F3767
Dissociate Devices:

Edit Device
Edit Line Appearance

Directory Number Settings

Voice Mail Profile: Unity2 (Choose <None> to use system default)
Calling Search Space: Phones
Presence Group*: Standard Presence group
User Hold MOH Audio Source: < None >
Network Hold MOH Audio Source: < None >
Auto Answer*: Auto Answer Off

AAR Settings

	Voice Mail	AAR Destination Mask	AAR Group
AAR	<input type="checkbox"/> or		< None >

Retain this destination in the call forwarding history

Done Local Intranet



Directory Number Configuration - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Refresh Print Mail

Address: https://172.20.214.254:8443/ccmadmin/directoryNumberEdit.do?key=14a6aa00-1b8b-10bc-cd8d-2e0413c40e45&mapkey=bee93c9-e3a2-a353-e5a7-17c232e83301&devicekey=b90581ce-c6fb-0265-475a-c0a12070fcea&in Go Links

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Directory Number Configuration Related Links: Configure Device (SEP00152B8F3767) Go

Save Delete Reset Add New

Call Forward and Call Pickup Settings

	Voice Mail	Destination	Calling Search Space
Calling Search Space Activation Policy			Use System Default
Forward All	<input type="checkbox"/> or		Phones
Secondary Calling Search Space for Forward All			< None >
Forward Busy Internal	<input type="checkbox"/> or		Phones
Forward Busy External	<input type="checkbox"/> or		Phones
Forward No Answer Internal	<input type="checkbox"/> or	2152	Phones
Forward No Answer External	<input type="checkbox"/> or	2152	Phones
Forward No Coverage Internal	<input type="checkbox"/> or		< None >
Forward No Coverage External	<input type="checkbox"/> or		< None >
Forward on CTI Failure	<input type="checkbox"/> or		< None >
Forward Unregistered Internal	<input type="checkbox"/> or	2005	Phones
Forward Unregistered External	<input type="checkbox"/> or	2005	Phones
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 Settings for All Devices

Hold Reversion Ring Duration (seconds): Setting the Hold Reversion Ring Duration to zero will disable the feature

Hold Reversion Notification Interval (seconds): Setting the Hold Reversion Notification Interval to zero will disable the feature

Line 1 on Device SEP00152B8F3767

Display (Internal Caller ID): VENUS-13 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.



Directory Number Configuration - Microsoft Internet Explorer

Address: https://172.20.214.254:8443/ccadmin/directoryNumberEdit.do?key=14a6aa00-1b8b-10bc-cd8d-2e0413c40e45&mapkey=beaa93c9-e3a2-a353-e5a7-17c232e83301&devicekey=b90581ce-c6fb-0265-475a-c0a12070ffce&in

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Directory Number Configuration Related Links: Configure Device (SEP00152B8F3767) Go

Save Delete Reset Add New

ASCII Display (Internal Caller ID) VENUS-13
Line Text Label VENUS-13
ASCII Line Text Label VENUS-13
External Phone Number Mask
Visual Message Waiting Indicator Policy* Use System Policy
Audible Message Waiting Indicator Policy* Default
Ring Setting (Phone Idle)* Use System Default
Ring Setting (Phone Active) Use System Default Applies to this line when any line on the phone has a call in progress.
Call Pickup Group Audio Alert Setting(Phone Idle) Use System Default
Call Pickup Group Audio Alert Setting(Phone Active) Use System Default
Recording Option* Call Recording Disabled
Recording Profile < None >
Monitoring Calling Search Space < None >

Multiple Call/Call Waiting Settings on Device SEP00152B8F3767
Note: The range to select the Max Number of calls is: 1-200
Maximum Number of Calls* 4
Busy Trigger* 2 (Less than or equal to Max. Calls)

Forwarded Call Information Display on Device SEP00152B8F3767
 Caller Name
 Caller Number
 Redirected Number
 Dialed Number

Users Associated with Line
Associate End Users

Done Local intranet



Cisco Unified Communications Manager Route Pattern to Avaya S8500 Configuration

The screenshot displays the Cisco Unified CM Administration web interface in Microsoft Internet Explorer. The browser title is "Route Pattern Configuration - Microsoft Internet Explorer". The address bar shows the URL: <https://172.20.214.254:8443/ccadmin/routePattern2Edit.do?key=e625e4e4-b8ba-d7ac-9c86-104959293fc8>. The page header includes the Cisco logo, "Cisco Unified CM Administration", and "For Cisco Unified Communications Solutions". The user is logged in as "CCAdministrator".

The main content area is titled "Route Pattern Configuration" and includes a "Related Links" section with a "Back To Find/List" button. Below this are action buttons: Save, Delete, Copy, and Add New.

Status
Status: Ready

Pattern Definition

- Route Pattern*: 2[0-1]XX
- Route Partition: < None >
- Description: to Avaya S8500-2
- Numbering Plan: -- Not Selected --
- Route Filter: < None >
- MLPP Precedence*: Default
- Gateway/Route List*: Avaya-S8500-2-SIP (Edit)
- Route Option: Route this pattern, Block this pattern (No Error)
- Call Classification*: OffNet
- Allow Device Override Provide Outside Dial Tone Allow Overlap Sending Urgent Priority
- Require Forced Authorization Code
- Authorization Level*: 0
- Require Client Matter Code

Calling Party Transformations

- Use Calling Party's External Phone Number Mask
- Calling Party Transform Mask: [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

The status bar at the bottom shows "Done" and a message: "An attempt to access a network resource was prevented."



Route Pattern Configuration - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Refresh Mail Print

Address: https://172.20.214.254:8443/ccadmin/routePattern2Edit.do?key=e625e4e4-b8ba-d7ac-9c86-104959293fc8

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Route Pattern Configuration Related Links: Back To Find/List Go

Save Delete Copy Add New

Call Classification* OffNet

Allow Device Override Provide Outside Dial Tone Allow Overlap Sending Urgent Priority

Require Forced Authorization Code

Authorization Level* 0

Require Client Matter Code

Calling Party Transformations

Use Calling Party's External Phone Number Mask

Calling Party Transform Mask

Prefix Digits (Outgoing Calls)

Calling Line ID Presentation* Default

Calling Name Presentation* Default

Connected Party Transformations

Connected Line ID Presentation* Default

Connected Name Presentation* Default

Called Party Transformations

Discard Digits < None >

Called Party Transform Mask

Prefix Digits (Outgoing Calls)

ISDN Network-Specific Facilities Information Element

Network Service Protocol -- Not Selected --

Carrier Identification Code

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

Save Delete Copy Add New

i *. indicates required item.

Done Local intranet



Cisco Unified Communications Manager Route Pattern to Octel Voice Mail via the Avaya S8500 Configuration

The screenshot displays the Cisco Unified CM Administration web interface in Microsoft Internet Explorer. The browser title is "Route Pattern Configuration - Microsoft Internet Explorer". The address bar shows the URL: <https://172.20.214.254:8443/cmadmin/routePattern2Edit.do?key=c2da8e06-98bb-1a84-bfa7-67bba31e30ac>. The page header includes the Cisco logo and "Cisco Unified CM Administration For Cisco Unified Communications Solutions". The user is logged in as "CCMAdministrator".

The main content area is titled "Route Pattern Configuration" and includes a "Related Links" section with "Back To Find/List" and "Go". Below this is a toolbar with "Save", "Delete", "Copy", and "Add New" buttons.

The "Status" section shows "Status: Ready".

The "Pattern Definition" section contains the following fields:

- Route Pattern*: 5050
- Route Partition: < None >
- Description: to Octel VM via Avaya S8500-1
- Numbering Plan: -- Not Selected --
- Route Filter: < None >
- MLPP Precedence*: Default
- Gateway/Route List*: Avaya-S8500-1-SIP (Edit)
- Route Option: Route this pattern, Block this pattern (No Error)
- Call Classification*: OffNet
- Allow Device Override
- Provide Outside Dial Tone
- Allow Overlap Sending
- Urgent Priority
- Require Forced Authorization Code
- Authorization Level*: 0
- Require Client Matter Code

The "Calling Party Transformations" section contains:

- 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

The "Connected Party Transformations" section contains:

- Connected Line ID Presentation*: Default
- Connected Name Presentation*: Default

The status bar at the bottom shows "Done" and a message: "An attempt to access a network resource was prevented. intranet".



Route Pattern Configuration - Microsoft Internet Explorer

Address: https://172.20.214.254:8443/ccmadmin/routePattern2Edit.do?key=c2da9e06-98bb-1a84-bfa7-67bba31e30ac

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For Cisco Unified Communications Solutions

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Route Pattern Configuration

Related Links: Back To Find/List

Save Delete Copy Add New

Call Classification* OffNet

Allow Device Override Provide Outside Dial Tone Allow Overlap Sending Urgent Priority

Require Forced Authorization Code

Authorization Level* 0

Require Client Matter Code

Calling Party Transformations

Use Calling Party's External Phone Number Mask

Calling Party Transform Mask

Prefix Digits (Outgoing Calls)

Calling Line ID Presentation* Default

Calling Name Presentation* Default

Connected Party Transformations

Connected Line ID Presentation* Default

Connected Name Presentation* Default

Called Party Transformations

Discard Digits < None >

Called Party Transform Mask

Prefix Digits (Outgoing Calls)

ISDN Network-Specific Facilities Information Element

Network Service Protocol -- Not Selected --

Carrier Identification Code

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

Save Delete Copy Add New

i *- indicates required item.

Done Local Intranet



Cisco Unified Communications Manager Voice Mail Ports to Unity Voice Mail system

The screenshot shows the Cisco Unified CM Administration web interface in Microsoft Internet Explorer. The browser address bar shows the URL: `https://172.20.214.254:8443/ccmadmin/vmPortFindList.do?<%=reqParams%>&recCnt=0&colCnt=7`. The page title is "Find and List Voice Mail Ports".

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 "Find and List Voice Mail Ports", which has several action buttons: Add New, Select All, Clear All, Delete Selected, and Reset Selected.

A status bar indicates "2 records found". Below this, there is a search section for "Voice Mail Port (1 - 2 of 2)" with a search filter set to "Device Name" and "begins with". The search results are displayed in a table:

<input type="checkbox"/>	Device Name	Description	Device Pool	Device Security Mode	Calling Search Space	Ext.	Partition	Status	IP Address	Copy
<input type="checkbox"/>	Unity2-VI1	Unity Integration	Default	Non Secure Voice Mail Port	Phones	2900	Phones	Registered with CM-VENUS	172.20.214.250	
<input type="checkbox"/>	Unity2-VI2	Unity Integration	Default	Non Secure Voice Mail Port	Phones	2901	Phones	Registered with CM-VENUS	172.20.214.250	

At the bottom of the table, there are buttons for "Add New", "Select All", "Clear All", "Delete Selected", and "Reset Selected". The browser status bar at the bottom shows "Done" and "Local intranet".



Voice Mail Port Configuration - Microsoft Internet Explorer

Address: https://172.20.214.254:8443/ccmadmin/vmPortEdit.do?key=feae958-c9de-57ba-2cd6-ea7f55893d2b

Cisco Unified CM Administration
For Cisco Unified Communications Solutions

Navigation: Cisco Unified CM Administration Go

CCMAdministrator | About | Logout

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

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

Save Delete Copy Reset Add New

Status
Status: Ready

Device Information

Registration	Registered with Cisco Unified Communications Manager CM-VENUS
IP Address	172.20.214.250
Port Name*	Unity2-VI1
Description	Unity Integration
Device Pool*	Default
Common Device Configuration	MigratedCommonDeviceConfig1
Calling Search Space	Phones
AAR Calling Search Space	< None >
Location*	Hub_None
Device Security Mode*	Non Secure Voice Mail Port

Directory Number Information

Directory Number*	2900
Partition	Phones
Calling Search Space	Phones
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.

Done Local intranet



Voice Mail Port Configuration - Microsoft Internet Explorer

Address: https://172.20.214.254:8443/ccmadmin/vmPortEdit.do?key=2b2a0fd9-871b-ef3f-5ded-e9cc243e2838

Cisco Unified CM Administration
For Cisco Unified Communications Solutions

Navigation: Cisco Unified CM Administration Go

CCMAdministrator | About | Logout

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

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

Save Delete Copy Reset Add New

Status
Status: Ready

Device Information

Registration	Registered with Cisco Unified Communications Manager CM-VENUS
IP Address	172.20.214.250
Port Name*	Unity2-V12
Description	Unity Integration
Device Pool*	Default
Common Device Configuration	MigratedCommonDeviceConfig1
Calling Search Space	Phones
AAR Calling Search Space	< None >
Location*	Hub_None
Device Security Mode*	Non Secure Voice Mail Port

Directory Number Information

Directory Number*	2901
Partition	Phones
Calling Search Space	Phones
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.

Done Local intranet



Cisco Unified Communications Manager Voice Mail Pilot and Profile to Unity Voice Mail system

The screenshot shows a Microsoft Internet Explorer browser window displaying the Cisco Unified CM Administration interface. The address bar shows the URL: <https://172.20.214.254:8443/ccmadmin/vmPilotEdit.do?key=4a0dcd62-cfb1-05b6-4a74-a75ed21a8d86>. The page title is "Voice Mail Pilot Configuration - Microsoft Internet Explorer".

The main content area is titled "Voice Mail Pilot Configuration" and includes the following elements:

- Navigation:** Cisco Unified CM Administration, CCMAdministrator, About, Logout.
- System Menu:** System, Call Routing, Media Resources, Voice Mail, Device, Application, User Management, Bulk Administration, Help.
- Related Links:** Back To Find/List.
- Actions:** Save, Delete, Add New.
- Status:** Status: Ready.
- Voice Mail Pilot Information:**
 - Voice Mail Pilot Number: 2904
 - Calling Search Space: Phones
 - Description: Unity 2 Integration
 - Make this the default Voice Mail Pilot for the system
- Footer:** Save, Delete, Add New.
- Info:** *- indicates required item.

The browser status bar at the bottom shows "Done" and "Local Intranet".



Voice Mail Profile Configuration - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address: https://172.20.214.254:8443/ccmadmin/vmProfileEdit.do?key=65caadd1-b95a-ee9a-3e8f-8ece8ed91d61

Cisco Unified CM Administration
For Cisco Unified Communications Solutions

Navigation Cisco Unified CM Administration Go

CCMAdministrator | About | Logout

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

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

Save Delete Copy Reset Add New

Status
Status: Ready

Voice Mail Profile Information

Voice Mail Profile Unity2 (used by 12 devices)

Voice Mail Profile Name* Unity2

Description Unity Integration

Voice Mail Pilot** 2904/Phones

Voice Mail Box Mask

Make this the default Voice Mail Profile for the System

Save Delete Copy Reset Add New

i *- indicates required item.

i **- 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 >).

Done Local intranet



Cisco Unified Communications Manager Voice Mail MWI ON and OFF for Unity Voice Mail system

The screenshot shows a Microsoft Internet Explorer browser window displaying the Cisco Unified CM Administration interface. The address bar shows the URL: https://172.20.214.254:8443/ccadmin/messageWaitingEdit.do?key=24a6a354-3cd1-4f18-1acf-a5fed4d54161. The page title is "Message Waiting Configuration". The navigation menu includes System, Call Routing, Media Resources, Voice Mail, Device, Application, User Management, Bulk Administration, and Help. The current user is identified as CCMAdministrator. The page content includes a "Status" section showing "Status: Ready". The "Message Waiting Information" section contains the following fields: Message Waiting Number* (2998), Partition (Phones), Description (Unity Integration), Message Waiting Indicator* (radio buttons for On and Off, with Off selected), and Calling Search Space (Phones). At the bottom of the form, there are buttons for Save, Delete, Copy, and Add New. A note at the bottom left states: *. indicates required item.



Message Waiting Configuration - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address: https://172.20.214.254:8443/ccmadmin/messageWaitingEdit.do?key=a29e6333-68d9-4d2e-1003-c2d8cbb4fada

Cisco Unified CM Administration
For Cisco Unified Communications Solutions

Navigation Cisco Unified CM Administration Go

CCMAdministrator | About | Logout

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

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

Save Delete Copy Add New

Status
Status: Ready

Message Waiting Information

Message Waiting Number*	2999
Partition	Phones
Description	Unity Integration
Message Waiting Indicator*	<input checked="" type="radio"/> On <input type="radio"/> Off
Calling Search Space	Phones

Save Delete Copy Add New

i *- indicates required item.

Done Local intranet



Cisco Unified Communications Manager Voice Line Group

Line Group Configuration - Microsoft Internet Explorer

Address: https://172.20.214.254:8443/ccmadmin/lineGroupEdit.do?key=8b66fc1d-9ce0-24cd-f4b4-2821cdf059f2

Cisco Unified CM Administration
For Cisco Unified Communications Solutions

Navigation: Cisco Unified CM Administration Go

CCMAdministrator | About | Logout

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

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

Save Delete Add New

Line Group Information

Line Group Name* Unity2

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:

- 4000/Phones
- 4001/Phones
- 4005/Phones
- 4013/Phones
- 4014/Phones

Add to Line Group

Current Line Group Members

Reverse Order of Selected DN/Route Partitions

Selected DN/Route Partition:

- 2900/Phones
- 2901/Phones

Removed DN/Route Partition:

Directory Numbers

Done Local Intranet



Line Group Configuration - Microsoft Internet Explorer

Address: https://172.20.214.254:8443/ccmadmin/lineGroupEdit.do?key=8b66fc1d-9ce0-24cd-f4b4-2821cdf059f2

Cisco Unified CM Administration
For Cisco Unified Communications Solutions

Navigation: Cisco Unified CM Administration Go

CCMAdministrator | About | Logout

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

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

Save Delete Add New

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:

- 4000/Phones
- 4001/Phones
- 4005/Phones
- 4013/Phones
- 4014/Phones

Add to Line Group

Current Line Group Members

Reverse Order of Selected DN/Route Partitions

Selected DN/Route Partition:

- 2900/Phones
- 2901/Phones

Removed DN/Route Partition:

Directory Numbers

- 2900 in Phones
- 2901 in Phones

Save Delete Add New

*- indicates required item.
**Fields marked with a ** are required when the Distribution Algorithm is set to Top Down or Circular, and are not used when the Distribution Algorithm is set to Longest Idle or Broadcast. The No Answer setting is used for Longest Idle and Broadcast.

Done Local intranet



Cisco Unified Communications Manager Voice Mail Hunt List and Hunt Pilot

The screenshot shows the Cisco Unified CM Administration web interface in Microsoft Internet Explorer. The browser address bar shows the URL: <https://172.20.214.254:8443/ccmadmin/huntListEdit.do?key=a1144db1-48c4-23ad-583a-d9271ed717d4>. The page title is "Hunt List Configuration - Microsoft Internet Explorer".

The navigation menu includes: System, Call Routing, Media Resources, Voice Mail, Device, Application, User Management, Bulk Administration, and Help. The user is logged in as "CCMAdministrator".

The main content area is titled "Hunt List Configuration" and includes a "Related Links" section with "Back To Find/List".

Below the navigation is a toolbar with buttons: Save, Delete, Copy, Reset, and Add New.

Status
Status: Ready

Hunt List Information

Name*:
Description:
Cisco Unified Communications Manager Group*:
 Enable this Hunt List (change effective on Save; no reset required)
 For Voice Mail Usage

Hunt List Member Information

Add Line Group

Selected Groups**:
Removed Groups***:

Hunt List Details

[Unity2](#)

Save Delete Copy Reset Add New

Legend:

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

Done Local Intranet



Hunt Pilot Configuration - Microsoft Internet Explorer

Address: https://172.20.214.254:8443/ccmadmin/huntPilotEdit.do?key=0e20fb74-4061-362c-73c4-f2ac50ea39e6

Cisco Unified CM Administration
For Cisco Unified Communications Solutions

Navigation: Cisco Unified CM Administration | Go

CCMAdministrator | About | Logout

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

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

Save | Delete | Copy | Add New

Status
Status: Ready

Pattern Definition

Hunt Pilot*: 2904
Route Partition: Phones
Description: Unity 2 Voicemail
Numbering Plan: < None >
Route Filter: < None >
MLPP Precedence*: Default
Hunt List*: Unity2 (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

Done | Local intranet



Hunt Pilot Configuration - Microsoft Internet Explorer

Address: https://172.20.214.254:8443/ccmadmin/huntPilotEdit.do?key=0e20fb74-4061-362c-73c4-f2ac50ea39e6

Cisco Unified CM Administration
For Cisco Unified Communications Solutions

Navigation: Cisco Unified CM Administration Go

CCMAdministrator | About | Logout

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

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

Save Delete Copy Add New

Provide Outside Dial Tone Urgent Priority

Hunt Forward Settings

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

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.



Configuring Cisco Unity

Cisco Unity Software Version

The screenshot shows the Cisco Unity Configuration page in Microsoft Internet Explorer. The browser address bar shows the URL: `http://172.20.214.250/Web/SA/FrameASP/SysFrame.asp?NavWidth=205`. The page title is "Cisco Unity - System - Microsoft Internet Explorer". The left navigation pane shows "Configuration" selected, with sub-links for Settings, Software Versions, Recordings, Contacts, Phone Languages, and GUI Languages. The main content area is titled "Configuration" and contains a section for "Software Versions".

Cisco Unity Version	4.0
Build Number	4.0(4)
Windows Server Version	Microsoft Windows 2000 build 2195 (Service Pack 4)
System Administrator DLL	4.0.3.194
AVLOGMGRSVR	4.0.3.106
AVRESLOADERSVR	4.0.2.50
DOH	4.0.3.239
AvResMgr	4.0.3.46
AvMiusSvr	4.0.3.151
AVVIRTUALQUEUESVR	4.0.3.21
AVSASCHEDULERSVR	4.0.3.38
AvRulerSvr	4.0.3.86
AVARBITERSVR	4.0.3.207
AVCONVENSVR	4.0.3.78
AvPhraseServerSvr	4.0.3.61
AVPAGERCONVSVR	4.0.3.99
AVFAILURECONVSVR	4.0.3.34
AVCONVMGRSVR	4.0.3.78
AVDOHMMSVR	4.0.3.1
AvStatMonSvr	4.0.2.104
AVTrapSvr	4.0.3.68
AVRSASVR	4.0.3.20

At the bottom left of the page, there is a "Cisco Unity" logo and a "Log off" link. The footer text reads "© 1998-2004 Cisco Systems, Inc." and "Local intranet" is visible in the bottom right corner.

Cisco Unity Integration

The screenshot shows the Cisco Unity Integration page in Microsoft Internet Explorer. The browser address bar shows the URL: `http://172.20.214.250/Web/SA/FrameASP/IntegrationFrame.asp?NavWidth=205`. The page title is "Cisco Unity - Integration - Microsoft Internet Explorer". The left navigation pane shows "Integration" selected, with a sub-link for "Cisco CallManager". The main content area is titled "Integrations" and contains a section for "Cisco CallManager".

Integration Type	Cisco CallManager
Switch File	cisco0002.ini
Cisco CallManager Cluster 01	
Primary Server	172.20.214.254:2000
Device Name Prefix	Unity2-VI
MWI On Extension	2999
MWI Off Extension	2998
Reconnect After CallManager Failback	Yes

At the bottom left of the page, there is a "Cisco Unity" logo and a "Log off" link. The footer text reads "© 1998-2004 Cisco Systems, Inc." and "Local intranet" is visible in the bottom right corner.



Cisco Subscribers Configuration

The screenshot shows the Cisco Unity Subscribers configuration interface in Microsoft Internet Explorer. The browser title is "Cisco Unity - Subscribers - Microsoft Internet Explorer". The address bar shows the URL: <http://172.20.214.250/Web/SA/FrameASP/SubsFrame.asp?DirId=1a363e8f2c6b744b8aaa74579e04eed0&Alias=V&Server=0&Database=0&MailBoxId=0&FirstName=Venus0&LastName=>

The page title is "Subscribers" and the specific subscriber being configured is "SCCP VENUS-0". The left sidebar contains a navigation menu with the following items: Profile, Account, Phone Password, Private Lists, Conversation, Call Transfer, Greetings, Caller Input, Messages, Message Notification, and Alternate Extensions. The "Profile" item is selected.

The main content area is titled "Profile" and contains the following configuration fields:

- Subscriber Information:**
 - First name: Venus0
 - Last name: SCCP
 - Display name: SCCP VENUS-0
 - Class of service: {Default Subscriber} (View)
 - Extension: 6000
 - Fax ID: (empty)
 - Recorded voice: (empty) (0.0 to 2.2 Volume)
 - Active schedule: Weekdays (View)
 - Time zone: Default
 - Set subscriber for self-enrollment at next login
 - List in phone directory
 - Show subscriber in e-mail server address book
- Exchange Information:**
 - Alias: V
 - Server: UNITY2

The bottom of the page shows the Cisco Unity logo, a "Log off" link, and the copyright notice "© 1998-2004 Cisco Systems, Inc." The status bar at the bottom indicates "Done" and "Local intranet".

The screenshot shows the Cisco Unity Subscribers configuration interface in Microsoft Internet Explorer. The browser title is "Cisco Unity - Subscribers - Microsoft Internet Explorer". The address bar shows the URL: <http://172.20.214.250/Web/SA/FrameASP/SubsFrame.asp?DirId=2da8f6f215ab574faabd994eac6263e&Alias=D&Server=0&Database=0&MailBoxId=0&FirstName=Digital>

The page title is "Subscribers" and the specific subscriber being configured is "Digital Avaya2152". The left sidebar contains a navigation menu with the following items: Profile, Account, Phone Password, Private Lists, Conversation, Call Transfer, Greetings, Caller Input, Messages, Message Notification, and Alternate Extensions. The "Profile" item is selected.

The main content area is titled "Profile" and contains the following configuration fields:

- Subscriber Information:**
 - First name: Digital
 - Last name: Avaya2152
 - Display name: Digital Avaya2152
 - Class of service: {Default Subscriber} (View)
 - Extension: 2152
 - Fax ID: (empty)
 - Recorded voice: (empty) (0.0 to 0.0 Volume)
 - Active schedule: Weekdays (View)
 - Time zone: Default
 - Set subscriber for self-enrollment at next login
 - List in phone directory
 - Show subscriber in e-mail server address book
- Exchange Information:**
 - Alias: DAvaya2152
 - Server: UNITY2

The bottom of the page shows the Cisco Unity logo, a "Log off" link, and the copyright notice "© 1998-2004 Cisco Systems, Inc." The status bar at the bottom indicates "Done" and "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 Communications Manager
DNS	Domain Name Server
FQDN	Fully Qualified Domain Name
MWI	Message Waiting Indicator
PSTN	Public Switched Telephone Network
SIP	Session Initiated Protocol



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