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Note

For information about other CLI commands that are not listed in this document, see the [Cisco Unity Express Command Reference for 3.0 and Later Versions](#).

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serial-number

To configure a serial number for a Cisco Unity endpoint, use the **serial-number** command in Cisco UMG endpoint configuration mode. To clear this configuration, use the **no** form of this command.

serial-number *numeric_string*

no serial-number *numeric_string*

Syntax Description

<i>numeric_string</i>	Serial number of the Cisco Unity endpoint.
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Command Default

The default serial-number is no serial number or the empty string “ ”.

Command Modes

Cisco UMG endpoint configuration (config-endpoint)

Command History

Cisco UMG Version	Modification
1.0	This command was introduced.

Usage Guidelines

Use this command to configure a serial number for a Cisco Unity endpoint.



Note

This command is not applicable to Avaya Interchange or to <Abbreviation>Cisco Unity Express endpoints.

Examples

The following example shows how the serial number is set as part of the process of provisioning a Cisco Unity endpoint:

```
umg-1# config t
umg-1(config)# endpoint 12345 type unity
umg-1(config-unity)# serial-number 12345
umg-1(config-unity)# secondary gateway 10.100.50.2
umg-1(config-unity)# end
umg-1(config)#
```

Related Commands

Command	Description
domain	Sets the domain name for an endpoint.
prefix	Sets the phone number prefix for an endpoint.

show clock

To display clock statistics, use the **show clock** command in Cisco UMG EXEC mode.

show clock

Syntax Description This command has no arguments or keywords.

Command Modes Cisco UMG EXEC

Command History	Cisco UMG Version	Modification
	1.0	This command was introduced.

Usage Guidelines Cisco UMG uses the Network Time Protocol (NTP) server for clocking functions. Use the **show clock** command to display the Cisco UMG clock status.

Examples The following is sample output for the **show clock** command:

```
umg-1# show clock
```

```
19:20:33.724 PST Wed Mar 17 1993
time zone:                      America/Los_Angeles
clock state:                     unsync
delta from reference (microsec): 0
estimated error (microsec):      175431
time resolution (microsec):      1
clock interrupt period (microsec): 10000
time of day (sec):                732424833
time of day (microsec):           760817
```

[Table 2](#) describes the significant fields shown in the display.

Table 2 *show clock Field Descriptions*

Field	Description
time zone	Current time zone setting.
clock state	Synchronization state of the clock.
delta from reference (ms)	Difference between the module clock and the NTP reference clock.
time of day (sec)	Current time of day in seconds.
time of day (ms)	Current time of day in microseconds.

Related Commands

Command	Description
ntp server	Specifies the NTP server for Cisco UMG.
show ntp	Displays the time source for an NTP server.

show configuration

To display the contents of the non-volatile memory, use the **show configuration** command in Cisco UMG EXEC mode.

show configuration

Syntax Description This command has no arguments or keywords.

Command Modes Cisco UMG EXEC

Command History	Cisco UMG Version	Modification
	1.0	This command was introduced.

Usage Guidelines Use this command for troubleshooting.

Examples The following is sample output for the **show configuration** command:

```
umg-1# show configuration

clock timezone America/Los_Angeles

hostname umg-1

ip domain-name temp.com

system language preferred "en_US"

ntp server 192.0.2.24 prefer

software download server url "ftp://192.0.2.23/ftp" credentials hidden "6u/dKTN/h
sEuSAEfw40XlF2eFHnZfyUTSd8ZZNgd+Y9J3xlk2B35j0nfGWTYHfmPSd8ZZNgd+Y9J3xlk2B35j0nfG
WTYHfmPSd8ZZNgd+Y9J3xlk2B35j0nfGWTYHfmP"

log trace local enable

groupname Administrators create
groupname Broadcasters create

username chambers create

groupname Administrators privilege superuser
groupname Administrators privilege ManagePrompts
groupname Administrators privilege broadcast
groupname Administrators privilege local-broadcast
groupname Administrators privilege ManagePublicList
groupname Administrators privilege ViewPrivateList
groupname Administrators privilege vm-imap
groupname Administrators privilege ViewHistoricalReports
groupname Administrators privilege ViewRealTimeReports
```

```

groupname Broadcasters privilege broadcast

backup server url "ftp://192.0.2.23/sd_backup_10" credentials hidden "+EdggXXrw
vTq9Gr22KtpoknfGWTYHfmPSd8ZZNgd+Y9J3x1k2B35j0nfGWTYHfmPSd8ZZNgd+Y9J3x1k2B35j0nfG
WTYHfmPSd8ZZNgd+Y9J3x1k2B35j0nfGWTYHfmP"

security password lockout policy temp-lock
security pin lockout policy temp-lock

network local messaging-gateway 50000
network messaging-gateway 57000 192.0.2.22

registration
  username cue_02 password encrypted "Cnjf81Z1zXpbrA7+7/IBX0nfGWTYHfmPSd8ZZNgd+Y9
J3x1k2B35j0nfGWTYHfmPSd8ZZNgd+Y9J3x1k2B35j0nfGWTYHfmPSd8ZZNgd+Y9J3x1k2B35j0nfGWT
YHfmP"
  username umg password encrypted "R30jwZyreaDX3TqGSvsp5EnfGWTYHfmPSd8ZZNgd+Y9J3x
1k2B35j0nfGWTYHfmPSd8ZZNgd+Y9J3x1k2B35j0nfGWTYHfmPSd8ZZNgd+Y9J3x1k2B35j0nfGWTYHf
mP"
  end registration

spoken-name enable

translation-rule message unity from-host to-host

end
umg-1

```

Related Commands

Command	Description
backup category	Specifies the type of data to be backed up and initiates the backup process.
hostname	Specifies the hostname of the current messaging gateway.
ip domain-name	Specifies the local messaging gateway's domain name and/or domain name server.
restore factory default	Restores factory default settings.

show ip dns cache

To display the DNS cache, use the **show ip dns cache** command in Cisco UMG EXEC mode.

show ip dns cache

Syntax Description This command has no arguments or keywords.

Command Modes Cisco UMG EXEC

Command History	Cisco UMG Version	Modification
	1.0	This command was introduced.

Examples The following is sample output for the **show ip dns cache** command:

```
umg-1> show ip dns cache
```

```
umg-1.unspecified.      2147483647 IN A      192.0.2.24
localhost.\(none\).     2147483647 IN A      192.0.2.23
192.0.2.22.in-addr.arpa. 2147483647 IN PTR      localhost.
stress-umg1-192.0.2.24.example.com. 2147483647 IN A      192.0.2.24
192.0.2.24.in-addr.arpa. 2147483647 IN PTR      192.0.2.24.te
mp.com.
se-192.0.2.24.localdomain. 2147483647 IN A      192.0.2.24
sundial1-umg-se-192.0.2.24.localdomain. 2147483647 IN A      10.1.12.95
localhost.temp.com.     2147483647 IN A      192.0.2.18
192.0.2.24.temp.com.    2147483647 IN A      192.0.2.24
192.0.2.24.\(none\).    2147483647 IN A      192.0.2.24
stress-umg1-192.0.2.24.example.com. 2147483647 IN A      192.0.2.24
localhost.               2147483647 IN A      192.0.2.20
stress-umg1-192.0.2.22.\(none\). 2147483647 IN A      192.0.2.24
se-192.0.2.24.example.com. 2147483647 IN A      192.0.2.24
localhost.cisco.com.     2147483647 IN A      192.0.2.23
```

```
se-10-1-12-95>
```

Related Commands	Command	Description
	hostname	Specifies the hostname for the current configuring Cisco UMG.
	ip name-server	Specifies the domain name server.
	ntp server	Specifies the NTP clocking server.
	show hosts	Displays all configured hosts.

show license agent

To display the license agent counters and session information, use the **show license agent** command in Cisco UMG EXEC mode.

show license agent {counters | session}

Syntax Description

counters	Displays the license agent counters.
session	Displays the license agent session.

Command Modes

Cisco UMG EXEC

Command History

Cisco UMG Version	Modification
8.0	This command was introduced.

Usage Guidelines

This command displays counter and session information.

Examples

The following is a sample output for the **show license agent counters** command:

```
UMG-1# show license agent counters
License Agent Counters
Request Messages Received:0: Messages with Errors:0
Request Operations Received:0: Operations with Errors:0
Notification Messages Sent:0: Transmission Errors:0
```

The following is a sample output for the **show license agent session** command:

```
SRST-UMG# show license agent session

License Agent Sessions: 0 open, maximum is 9
```

Related Commands

Command	Description
show license detail	Displays the details of the license installed on your system.
show license evaluation	Displays the evaluation licenses that are installed on your system.
show license expiring	Displays the expiring licenses.
show license feature	Displays the license feature information.
show license file	Displays the license file information
show license in-use	Displays information about the licenses that are in use.
show license permanent	Displays the status of the licenses installed.
show license status	Displays the status of the license applications installed.

show license status application srst

To display the Cisco Unified SRST license status, use the **show license status application srst** command in Cisco UMG EXEC mode.

show license status application srst

Syntax Description

This command has no arguments or keywords.

Command Modes

Cisco UMG EXEC

Command History

Cisco UMG Version	Modification
8.5	This command was introduced.

Examples

The following are sample outputs for the **show license status application srst** command:

```
umg-1# show license status application srst
srst enabled: 25 srst nodes
```

```
umg-1# show license status application srst
srst disabled, no activated srst node license available
```

Related Commands

Command	Description
license activate srst nodes	Activates the license for Cisco Unified SRST nodes.

show license status application srsv

To display the Cisco Unified SRSV license status, use the **show license status application srsv** command in Cisco UMG EXEC mode.

show license status application srsv

Syntax Description

This command has no arguments or keywords.

Command Modes

Cisco UMG EXEC

Command History

Cisco UMG Version	Modification
8.0	This command was introduced.

Examples

The following are sample outputs for the **show license status application srsv** command:

```
umg-1# show license status application srsv
srsv enabled: 25 srsv nodes
```

```
umg-1# show license status application srsv
srsv disabled, no activated srsv node license available
```

Related Commands

Command	Description
license activate srsv nodes	Activates the license for Cisco Unified SRSV nodes.

show log name

To display logging data, use the **show log name** command in Cisco UMG EXEC mode.

show log name *word* [**containing** *expression* | **paged** | **tail**]

Syntax Description

<i>word</i>	The name of the log file to display. Use the show logs command to display a list of available log files.
containing <i>expression</i>	Only displays events that match a search expression.
paged	Displays in paged mode.
tail	Displays the latest events as they occur.

Command Modes

Cisco UMG EXEC

Command History

Cisco UMG Version	Modification
1.0	This command was introduced.

Usage Guidelines

This command has the following filtering options:

- **show begin:** Begins the output of any **show** command from a specified string.
- **show exclude:** Filters **show** command output so that it excludes lines that contain a particular regular expression.
- **show include:** Filters **show** command output so that it displays only lines that contain a particular regular expression.

Examples

The following partial output for the **show log name** command displays the dmesg log:

```
umg-1# show log name dmesg

Press <CTRL-C> to exit...
Linux version 2.4.24 (bld_adm@bld-system) (gcc version 2.95.3 20010315 (version4
Platform: nm
setup.c: handling flash window at [15MB..16MB]
setup.c: handling kernel log buf at [245.5MB]
setup.c: handling trace buf at [246MB]
BIOS-provided physical RAM map:
 BIOS-e820: 0000000000000000 - 000000000009f400 (usable)
 BIOS-e820: 000000000009f400 - 00000000000a0000 (reserved)
 BIOS-e820: 00000000000e0800 - 00000000000100000 (reserved)
 BIOS-e820: 00000000000100000 - 00000000000f00000 (usable)
 BIOS-e820: 00000000000f00000 - 000000000001000000 (reserved)
 BIOS-e820: 000000000001000000 - 00000000000f580000 (usable)
 BIOS-e820: 00000000000f580000 - 00000000000f600000 (reserved)
 BIOS-e820: 00000000000f600000 - 0000000000010000000 (reserved)
 BIOS-e820: 0000000000ff00000 - 0000000000100000000 (reserved)
245MB LOWMEM available.
On node 0 totalpages: 62848
```

```

zone(0): 4096 pages.
zone(1): 58752 pages.
zone(2): 0 pages.
DMI not present.
Kernel command line: root=/dev/hda1 ro plat=nm
Initializing CPU#0
Detected 498.674 MHz processor.
Calibrating delay loop... 996.14 BogoMIPS
Memory: 245128k/251392k available (1164k kernel code, 4852k reserved, 667k data)
kdb version 4.3 by Keith Owens, Scott Lurndal. Copyright SGI, All Rights Reserved
in atrace_init
log_head: h: 0, t: 8429274, l: 0, w: 0, s: 10484672
Using existing trace log
log_head: h: 0, t: 8429274, l: 0, w: 0, s: 10484672
Dentry cache hash table entries: 32768 (order: 6, 262144 bytes)
Inode cache hash table entries: 16384 (order: 5, 131072 bytes)
Mount cache hash table entries: 512 (order: 0, 4096 bytes)
Buffer cache hash table entries: 16384 (order: 4, 65536 bytes)
Page-cache hash table entries: 65536 (order: 6, 262144 bytes)
CPU: L1 I cache: 16K, L1 D cache: 16K
CPU: L2 cache: 256K
CPU serial number disabled.

```

The following sample output for the **show log** command displays the dmesg log using a search string:

```
umg-1# show log name dmesg containing setup
```

```

Press <CTRL-C> to exit...
setup.c: handling flash window at [15MB..16MB]
setup.c: handling kernel log buf at [245.5MB]
setup.c: handling trace buf at [246MB]
umg-1#

```

The following partial output for the **show log** command displays the dmesg log in paged mode:

```
umg-1# show log name dmesg paged
```

```

Linux version 2.4.24 (bld_adm@bld-system) (gcc version 2.95.3 20010315 (version
)) #1 Tue Nov 30 23:07:21 PST 2007
Platform: nm
setup.c: handling flash window at [15MB..16MB]
setup.c: handling kernel log buf at [245.5MB]
setup.c: handling trace buf at [246MB]
BIOS-provided physical RAM map:
  BIOS-e820: 0000000000000000 - 000000000009f400 (usable)
  BIOS-e820: 000000000009f400 - 00000000000a0000 (reserved)
  BIOS-e820: 00000000000e0800 - 0000000000100000 (reserved)
  BIOS-e820: 0000000000100000 - 0000000000f00000 (usable)
  BIOS-e820: 0000000000f00000 - 0000000001000000 (reserved)
  BIOS-e820: 0000000001000000 - 0000000000f580000 (usable)
  BIOS-e820: 0000000000f580000 - 0000000000f600000 (reserved)
  BIOS-e820: 0000000000f600000 - 0000000001000000 (reserved)
  BIOS-e820: 0000000000ff00000 - 000000000100000000 (reserved)
245MB LOWMEM available.
On node 0 totalpages: 62848
zone(0): 4096 pages.
zone(1): 58752 pages.
zone(2): 0 pages.
DMI not present.
Kernel command line: root=/dev/hda1 ro plat=nm
Initializing CPU#0
-- More --

```

The following output for the **show log name** command displays the current dmesg log as events are being entered:

```
umg-1# show log name dmesg tail
```

Press <CTRL-C> to exit...

Freeing unused kernel memory: 88k freed

The following partial output for the **show log name** command displays the dmesg log beginning with the first line starting with ide0:

```
umg-1# show log name dmesg | begin ide0
```

```
ide0: BM-DMA at 0xfc00-0xfc07, BIOS settings: hda:pio, hdb:pio
ide1: BM-DMA at 0xfc08-0xfc0f, BIOS settings: hdc:pio, hdd:pio
hda: C/H/S=50127/232/176 from BIOS ignored
hdb: C/H/S=0/0/0 from BIOS ignored
hda: IC25N020ATMR04-0, ATA DISK drive
blk: queue c030c160, I/O limit 4095Mb (mask 0xffffffff)
ide0 at 0x1f0-0x1f7,0x3f6 on irq 14
hda: attached ide-disk driver.
hda: host protected area => 1
hda: 39070080 sectors (20004 MB) w/1740KiB Cache, CHS=2432/255/63, UDMA(33)
init unit number == 0
```

Related Commands.

Command	Description
log console	Configures the types of messages to be displayed on the console.
log console monitor	Displays system messages on the console.
log server address	Specifies an external server for saving log messages.
log trace boot	Saves the trace configuration on rebooting.
log trace buffer save	Saves the current trace information.
show logging	Shows the types of messages that are displayed on the console.
show logs	Displays the list of available logs.

show ntp

To display the time source for a Network Time Protocol (NTP) server, use the **show ntp** command in Cisco UMG EXEC mode.

show ntp [detail]

Syntax Description	detail	Displays detailed information about the NTP servers.
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Command Modes	Cisco UMG EXEC
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Command History	Cisco UMG Version	Modification
	1.0	This command was introduced.

Usage Guidelines	This command displays the chain of NTP servers back to their primary time source, starting from the local host.
------------------	---

Examples	The following is sample output for the show ntp command:
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```
umg-1# show ntp
192.0.2.24: stratum 9, offset 0.000015, synch distance 0.03047
192.0.2.23: stratum 8, offset -0.001124, synch distance 0.00003
```

[Table 3](#) describes the significant fields shown in the display.

Table 3 *show ntp Field Descriptions*

Field	Description
(first field)	IP address of the host.
stratum	Server hop count to the primary clock source. Valid values are: 0—Unspecified 1—Primary clock reference 2–255—Secondary reference via NTP
offset	Time offset between the host and the local host, in seconds.
synch distance	Host synchronization distance, which is the estimated error relative to the primary source.

The following is sample output for the **show ntp detail** command:

```
umg-1# show ntp detail
server 192.0.2.24, port 123
```

```

stratum 9, precision -17, leap 00
refid [192.0.2.22] delay 0.00012, dispersion 0.00000 offset 0.000011
rootdelay 0.00058, rootdispersion 0.03111, synch dist 0.03140
reference time:      af4a3ff7.926698bb  Thu, Mar 11 1993 14:47:19.571
originate timestamp: af4a4041.bf991bc5  Thu, Mar 11 1993 14:48:33.748
transmit timestamp:  af4a4041.bf90a782  Thu, Mar 11 1993 14:48:33.748

server 192.0.2.23, port 123
stratum 8, precision -18, leap 00
refid [192.0.2.21] delay 0.00024, dispersion 0.00000 offset -0.001130
rootdelay 0.00000, rootdispersion 0.00003, synch dist 0.00003
reference time:      af4a402e.f46eaea6  Thu, Mar 11 1993 14:48:14.954
originate timestamp: af4a4041.bf6fb4d4  Thu, Mar 11 1993 14:48:33.747
transmit timestamp:  af4a4041.bfb0d51f  Thu, Mar 11 1993 14:48:33.748

```

Table 4 describes the significant fields shown in the display.

Table 4 *show ntp detail Field Descriptions*

Field	Description
server	IP address of the host server.
port	Port number of the host server.
stratum	Server hop count to the primary clock source. Valid values are: 0—Unspecified 1—Primary clock reference 2–255—Secondary reference via NTP
precision	Precision of the clock, in seconds to the power of two.
leap	Two-bit code warning of an impending leap second to be inserted in the NTP time scale. Valid values are: 00—No warning 01—Last minute was 61 seconds 10—Last minute was 59 seconds 11—Alarm condition (clock not synchronized)
refid	IP address of the peer selected for synchronization.
delay	Round-trip delay of the packet, in milliseconds.
dispersion	Measure, in milliseconds, of how scattered the time offsets have been from a given time server.
offset	Time offset between the host and the local host, in seconds.
rootdelay	Total round-trip delay, in seconds, to the primary reference source at the root of the synchronization subnet.
rootdispersion	Maximum error, in seconds, relative to the primary reference source at the root of the synchronization subnet.
synch dist	Host synchronization distance, which is the estimated error relative to the primary source.
reference time	Local time, in time-stamp format, when the local clock was last updated. If the local clock has never been synchronized, the value is zero.

Table 4 *show ntp detail Field Descriptions (continued)*

Field	Description
originate timestamp	Local time, in time-stamp format, at the peer when its latest NTP message was sent. If the peer becomes unreachable, the value is zero.
transmit timestamp	Local time, in time-stamp format, when the latest NTP message from the peer arrived. If the peer becomes unreachable, the value is zero.

Related Commands

Command	Description
ntp server	Configures the Network Time Protocol (NTP) server to keep the system time synchronized with the NTP server.
show clock	Displays clock statistics.

show srsv auto-attendant

To display the Cisco Unified SRSV-CUE auto-attendant configuration status that is provisioned by the Cisco UMG, use the **show srsv auto-attendant** command in Cisco Unified SRSV-CUE EXEC mode.

show srsv auto-attendant [**call-handler** [*display_name*]] [**directory-handler** [*display_name*]]

Syntax Description

<i>display_name</i>	Name of a specific call handler or directory handler for which you want to display the auto-attendant configuration.
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Command Modes

Cisco Unified SRSV-CUE EXEC

Command History

Cisco Unified SRSV-CUE Release	Modification
8.0	This command was introduced.
8.6	Updated this command to include the “Schedule,” “Holiday Schedule,” and “Status” information in the output.

Usage Guidelines

You can use this command with no arguments to show all the auto-attendant configuration information.

Examples

The following example shows the output for the **show srsv auto-attendant** command when it is entered with no arguments:

```
SRSV# show srsv auto-attendant
CALL HANDLER
  Display Name      : Amit-CH
  Language          : INHERIT
  Schedule          : All Hours
  Holiday Schedule  : Unknown
  Menu Delay        : 1500
  Transfer Rule     : ALTERNATE
    Transfer calls to : GREETING
    Status            : Disabled
  Transfer Rule     : OFF_HOURS
    Transfer calls to : GREETING
    Status            : Disabled
  Transfer Rule     : STANDARD
    Transfer calls to : 9003
    Status            : Enabled Indefinitely
  Greeting          : Alternate
  Languages          : en_US
  After greeting action : take-message
  Status            : Disabled
  Greeting          : Busy
  Languages          : en_US
  After greeting action : take-message
  Status            : Enabled Indefinitely
  Greeting          : Error
  Languages          : en_US
  After greeting action : restart-greeting
```

```

      Status                : Enabled Indefinitely
    Greeting                : Holiday
      Languages              : en_US
    After greeting action    : take-message
      Status                : Disabled
    Greeting                : Internal
      Languages              : en_US
    After greeting action    : take-message
      Status                : Disabled
    Greeting                : Off Hours
      Languages              : en_US
    After greeting action    : take-message
      Status                : Disabled
    Greeting                : Standard
      Languages              : en_US
    After greeting action    : take-message
      Status                : Enabled Indefinitely
    Menu Key                 : 1
      Action                 : transfer Amit-CH
    Menu Key                 : *
      Action                 : sign-in
    Menu Key                 : #
      Action                 : skip-greeting

CALL HANDLER
  Display Name              : Opening Greeting
  Language                  : INHERIT
  Schedule                  : Amit Test Schedule
  Holiday Schedule          : Amit Holiday
  Menu Delay                : 1500
  Transfer Rule             : ALTERNATE
    Transfer calls to       : GREETING
      Status               : Disabled
  Transfer Rule             : OFF_HOURS
    Transfer calls to       : 6003
      Status               : Disabled
  Transfer Rule             : STANDARD
    Transfer calls to       : GREETING
      Status               : Enabled Indefinitely
  Greeting                  : Alternate
    Languages              : en_US
  After greeting action     : take-message
    Status                 : Disabled
  Greeting                  : Busy
    Languages              : en_US
  After greeting action     : take-message
    Status                 : Disabled
  Greeting                  : Error
    Languages              : en_US
  After greeting action     : restart-greeting
    Status                 : Enabled Indefinitely
  Greeting                  : Holiday
    Languages              : en_US
  After greeting action     : take-message
    Status                 : Enabled Indefinitely
  Greeting                  : Internal
    Languages              : en_US
  After greeting action     : take-message
    Status                 : Disabled
  Greeting                  : Off Hours
    Languages              : en_US
  After greeting action     : transfer Operator
    Status                 : Disabled
  Greeting                  : Standard

```

```

Languages                : en_US
After greeting action    : transfer Operator
Status                   : Enabled Indefinitely
Menu Key                 : 0
Action                   : transfer Operator
Menu Key                 : 2
Action                   : hang-up
Menu Key                 : 4
Action                   : DH System Directory Handler
Menu Key                 : 7
Action                   : transfer Amit-CH
Menu Key                 : 8
Action                   : greeting tdennler-CH
Menu Key                 : *
Action                   : sign-in
Menu Key                 : #
Action                   : transfer Operator

CALL HANDLER
Display Name              : tdennler-CH
Language                  : INHERIT
Schedule                  : Tdennler Schedule
Holiday Schedule          : Tdennler Holidays
Menu Delay                : 1500
Transfer Rule              : ALTERNATE
Transfer calls to         : GREETING
Status                    : Disabled
Transfer Rule              : OFF_HOURS
Transfer calls to         : 6003
Status                    : Disabled
Transfer Rule              : STANDARD
Transfer calls to         : GREETING
Status                    : Enabled Indefinitely
Greeting                  : Alternate
Languages                 : en_US
After greeting action     : hang-up
Status                    : Disabled
Greeting                  : Busy
Languages                 : en_US
After greeting action     : hang-up
Status                    : Disabled
Greeting                  : Error
Languages                 : en_US
After greeting action     : restart-greeting
Status                    : Enabled Indefinitely
Greeting                  : Holiday
Languages                 : en_US
After greeting action     : hang-up
Status                    : Disabled
Greeting                  : Internal
Languages                 : en_US
After greeting action     : hang-up
Status                    : Disabled
Greeting                  : Off Hours
Languages                 : en_US
After greeting action     : hang-up
Status                    : Disabled
Greeting                  : Standard
Languages                 : en_US
After greeting action     : transfer Operator
Status                    : Enabled Indefinitely
Menu Key                  : 0
Action                    : transfer Operator
Menu Key                  : *

```

```

        Action                               : sign-in
        Menu Key                             : #
        Action                               : skip-greeting

CALL HANDLER
        Display Name                         : Operator
        Language                             : INHERIT
        Schedule                             : Weekdays
        Holiday Schedule                     : Unknown
        Menu Delay                           : 1500
        Transfer Rule                         : ALTERNATE
            Transfer calls to                 : GREETING
            Status                           : Disabled
        Transfer Rule                         : OFF_HOURS
            Transfer calls to                 : GREETING
            Status                           : Enabled Indefinitely
        Transfer Rule                         : STANDARD
            Transfer calls to                 : GREETING
            Status                           : Enabled Indefinitely
        Greeting                             : Alternate
            After greeting action             : take-message
            Status                           : Disabled
        Greeting                             : Busy
            After greeting action             : take-message
            Status                           : Enabled Indefinitely
        Greeting                             : Error
            After greeting action             : restart-greeting
            Status                           : Enabled Indefinitely
        Greeting                             : Holiday
            After greeting action             : take-message
            Status                           : Disabled
        Greeting                             : Internal
            After greeting action             : take-message
            Status                           : Disabled
        Greeting                             : Off Hours
            After greeting action             : take-message
            Status                           : Enabled Indefinitely
        Greeting                             : Standard
            After greeting action             : take-message
            Status                           : Enabled Indefinitely
        Menu Key                             : *
            Action                           : sign-in
        Menu Key                             : #
            Action                           : transfer Opening Greeting

CALL HANDLER
        Display Name                         : tdennler-CH2a
        Language                             : INHERIT
        Schedule                             : All Hours
        Holiday Schedule                     : Unknown
        Menu Delay                           : 1500
        Transfer Rule                         : ALTERNATE
            Transfer calls to                 : GREETING
            Status                           : Disabled
        Transfer Rule                         : OFF_HOURS
            Transfer calls to                 : GREETING
            Status                           : Disabled
        Transfer Rule                         : STANDARD
            Transfer calls to                 : GREETING
            Status                           : Enabled Indefinitely
        Greeting                             : Alternate
            After greeting action             : take-message
            Status                           : Enabled Indefinitely
        Greeting                             : Busy

```

```

    After greeting action      : take-message
    Status                     : Disabled
    Greeting                    : Error
    After greeting action      : restart-greeting
    Status                     : Enabled Indefinitely
    Greeting                    : Holiday
    After greeting action      : take-message
    Status                     : Disabled
    Greeting                    : Internal
    After greeting action      : take-message
    Status                     : Disabled
    Greeting                    : Off Hours
    After greeting action      : take-message
    Status                     : Disabled
    Greeting                    : Standard
    After greeting action      : take-message
    Status                     : Enabled Indefinitely
    Menu Key                    : *
    Action                      : sign-in
    Menu Key                    : #
    Action                      : skip-greeting

CALL HANDLER
    Display Name                : Goodbye
    Language                    : INHERIT
    Schedule                    : All Hours
    Holiday Schedule            : Unknown
    Menu Delay                   : 1500
    Transfer Rule                : ALTERNATE
    Transfer calls to           : GREETING
    Status                      : Disabled
    Transfer Rule                : OFF_HOURS
    Transfer calls to           : GREETING
    Status                      : Enabled Indefinitely
    Transfer Rule                : STANDARD
    Transfer calls to           : GREETING
    Status                      : Enabled Indefinitely
    Greeting                    : Alternate
    After greeting action       : take-message
    Status                      : Disabled
    Greeting                    : Busy
    After greeting action       : take-message
    Status                      : Disabled
    Greeting                    : Error
    After greeting action       : restart-greeting
    Status                      : Enabled Indefinitely
    Greeting                    : Holiday
    After greeting action       : take-message
    Status                      : Disabled
    Greeting                    : Internal
    After greeting action       : take-message
    Status                      : Disabled
    Greeting                    : Off Hours
    After greeting action       : take-message
    Status                      : Disabled
    Greeting                    : Standard
    After greeting action       : hang-up
    Status                      : Enabled Indefinitely
    Menu Key                    : 0
    Action                      : transfer Operator
    Menu Key                    : *
    Action                      : sign-in
    Menu Key                    : #
    Action                      : transfer Opening Greeting

```

```

DIRECTORY HANDLER
  Display Name           : System Directory Handler
  Language               : INHERIT
  Repeat Request         : 1
  Search order           : last then first
  Auto route             : DISABLED
  Use * to exit          : ENABLED
  Maximum matches        : 8
  Exit action            : transfer Opening Greeting
  No input action        : transfer Goodbye
  No selection action    : transfer Goodbye
  Zero action            : transfer Operator

```

The following example shows the output for the **show srsv auto-attendant** command when the call-handler argument is invoked with one parameter:

```

SRSV# show srsv auto-attendant call-handler "opening greeting"
CALL HANDLER
  Display Name           : Opening Greeting
  Language               : SYSTEM
  Schedule               : All Hours
  Holiday Schedule       : Unknown
  Menu Delay             : 1500
  Transfer Rule          : Standard
  Transfer calls to      : GREETING
  Status                 : Disabled
  Greeting               : Standard
  Languages              : en_GB, en_US
  After greeting action  : transfer Operator
  Status                 : Disabled
  Menu Key               : 0
  Action                 : transfer Operator
  Menu Key               : 1
  Action                 : take-message
  Menu Key               : 3
  Action                 : greeting ForSRSV
  Menu Key               : 4
  Action                 : DH System Directory Handler
  Menu Key               : 5
  Action                 : greeting ForSRSV
  Menu Key               : 6
  Action                 : greeting My AA
  Menu Key               : 7
  Action                 : transfer harold
  Menu Key               : 8
  Action                 : transfer 1002
  Menu Key               : 9
  Action                 : DH Test-directory-handler
  Menu Key               : *
  Action                 : sign-in
  Menu Key               : #
  Action                 : transfer Operator

```

The following example shows the output for the **show srsv auto-attendant** command when the directory-handler argument is invoked with one parameter:

```

SRSV# show srsv auto-attendant directory-handler "system directory handler"
DIRECTORY HANDLER
  Display Name           : System Directory Handler
  Language               : INHERIT
  Repeat Request         : 1
  Search order           : first then last
  Auto route             : DISABLED

```

```

Use * to exit           : ENABLED
Maximum matches         : 30
Exit action             : transfer Opening Greeting
No input action         : transfer Goodbye
No selection action     : transfer Goodbye
Zero action             : transfer Operator

```

Table 5 describes the significant fields relating to call handlers.

Table 5 *show srsv auto-attendant Field Descriptions for Call Handlers*

Field	Description
Display Name	The Cisco Unity Connection display name for the call handler.
Language	The language to use for the call handler. Can be one of these values: • INHERIT means inherit the language from the parent directory or call handler • SYSTEM means use the default system language • <i>language_code</i> means use the language indicated by the language code
Schedule	The name of the schedule.
Holiday Schedule	The name of the holiday schedule. If there is no holiday schedule set, displays “Unknown”.
Menu Delay	Time to delay after input before processing
Message Recipient	The subscriber assigned to this call handler. Typically used as voice mailbox for the call handler. If there is no subscriber on the site, this value will not be configured.
Transfer Rule	The type of transfer rule.
Transfer calls to	The target of the transfer for the call handler. This is used when some part of the call flow attempts to transfer to this particular call handler. There are two settings that are available for this configuration: “transfer to greeting” and “transfer to a specific extension”.
Status	Status of the transfer rule and greeting. Can be disabled, enabled indefinitely, or enabled until a certain date.
Greeting	The type of greeting.
Languages	The languages in which the greeting has been recorded and configured by Cisco Unified SRSV-UMG.
After greeting action	The action to take after the greeting has played. See Table 7 for a list of the actions.
Menu Key	The menu digit provisioned by Cisco Unified SRSV-UMG.
Action	The action to take when the menu key is pressed.

Table 6 describes the significant fields relating to directory handlers.

Table 6 *show srsv auto-attendant Field Descriptions for Directory Handlers*

Field	Description
Display Name	The Cisco Unity Connection display name for the directory handler.
Language	The language to use for the directory handler. Can be one of these values: • INHERIT means inherit the language from the parent directory or call handler • SYSTEM means use the default system language • <i>language_code</i> means use the language indicated by the language code
Repeat Request	The number of times to prompt the caller for input.
Search order	The search method for the subscriber's first and last names to use when searching for subscribers. Value is either "first then last" or "last then first".
Auto route	If enabled, immediately transfers to the match if only one match is returned from the search. Value is either ENABLED or DISABLED.
Use * to exit	If enabled, allows the caller to exit the directory handler by pressing *. Value is either ENABLED or DISABLED.
Maximum matches	The maximum number of matches that the system can return to the subscriber by directory lookup.
Exit action	The action to take if the subscriber presses *, which exits the directory handler. See Table 7 for a list of the actions.
No input action	The action to take if the subscriber does not make an input. See Table 7 for a list of the actions.
No selection action	The action to take if the subscriber does not make a selection. See Table 7 for a list of the actions.
Zero action	The action to take when the subscriber presses 0. See Table 7 for a list of the actions.

[Table 7](#) describes the actions that the directory handlers can make.

Table 7 *show srsv auto-attendant Field Descriptions for Directory Handler Actions*

Field	Description
<i>transfer call_handler_name</i>	Transfers the caller to the call handler with the display name of <i>call_handler_name</i> . The call handler may be a system or subscriber call handler. In some cases a phone number may be supplied when transferring to an alternate contact.
<i>greeting call_handler_name</i>	Transfers the caller to the greeting for the call handler with the display name of <i>call_handler_name</i> . The call handler may be a system or subscriber call handler.

Table 7 *show srsv auto-attendant Field Descriptions for Directory Handler Actions*

Field	Description
DH <i>directory_handler_name</i>	Sends the caller to the directory handler with the name <i>directory_handler_name</i> .
sign-in	Sends the caller to the voicemail login conversation.
hang-up	Terminates the call to the auto attendant.
restart-greeting	Replays the call handler greeting.
skip-greeting	Skips the greeting.
take-message	Sends the caller to the subscriber's mailbox that is configured for this call handler. If there is no subscriber for this site, this option will not be provisioned by Cisco Unified SRSV-UMG.

Related Commands

Command	Description
show srsv subscriber call-handler	Displays the Cisco Unified SRSV-CUE subscriber configuration provisioned by Cisco Unified SRSV-UMG.

show srsv configuration

To display the Cisco Unified SRSV configuration, use the **show srsv configuration** command in Cisco Unified SRSV-CUE EXEC mode.

show srsv configuration

Syntax Description

This command has no arguments or keywords.

Command Modes

Cisco Unified SRSV-CUE EXEC

Command History

Cisco Unified SRSV-CUE Release	Modification
8.0	This command was introduced.

Usage Guidelines

Use this command to verify that Cisco UMG correctly provisioned the Cisco Unified SRSV-CUE device.

Examples

The following are sample outputs for the **show srsv configuration** command:

```
umg-1# show srsv configuration
SRSV Global Configuration:
  Central Voicemail Server      : cuc-8.srsv.lab
  PSTN Access Number           : 95551234
  MWI mode                     : auto
  MWI type                     : sub-notify
  Menu items changed prompt    : disabled

SRSV AA Handler Configuration:
  Opening Greeting Call Handler : Opening Greeting
  Operator Call Handler         : Operator
  GoodBye Call Handler          : Goodbye
  System Directory Handler      : System Directory Handler
  Site operator extension       : 1005

SRSV UMG Gateways:
  central-umg.srsv.lab
  backup-umg.srsv.lab
```

[Table 8](#) describes the significant fields shown in the display.

Table 8 *show srsv configuration Field Descriptions*

Field	Description
Central Voicemail Server	The central voicemail server to which the Cisco Unified SRSV-UMG should deliver voice messages.
PSTN Access Number	The PSTN number that subscribers should call to access their central site stored voicemail when the Cisco Unified SRSV-CUE device is active.

Table 8 *show srsv configuration Field Descriptions*

Field	Description
MWI mode	The MWI mode for the Cisco Unified SRSV-CUE device.
MWI type	The MWI type configured for the Cisco Unified SRSV-CUE device.
Menu items changed prompt	If this option is enabled, the Cisco Unified SRSV-CUE device will play the “Some menu items may have changed” prompt when users log in.
Opening Greeting Call Handler	The display name of the Cisco Unity Connection opening greeting call handler provisioned on the Cisco Unified SRSV-CUE device.
Operator Call Handler	The display name of the Cisco Unity Connection operator call handler provisioned on the Cisco Unified SRSV-CUE device.
GoodBye Call Handler	The display name of the Cisco Unity Connection goodbye call handler provisioned on the Cisco Unified SRSV-CUE device.
System Directory Handler	The display name of the default system directory handler provisioned on the Cisco Unified SRSV-CUE device.
Site operator extension	The phone number of a local subscriber who will act as the operator during an outage.
SRSV UMG Gateways	The Cisco Unified SRSV-UMG systems that will be contacted to upload voice messages to the central voicemail system once the site has been reconnected to the central office.

show srsv subscriber call-handler

To display the Cisco Unified SRSV-CUE subscriber configuration provisioned by Cisco Unified SRSV-UMG, use the **show srsv subscriber call-handler** command in Cisco Unified SRSV-CUE EXEC mode.

show srsv subscriber call-handler [*user_name*]

Syntax Description	<i>user_name</i>	Name of a specific call handler for which you want to display the subscriber configuration. If you do not specify a name, the system displays all subscriber call handler configuration information.
--------------------	------------------	--

Command Modes	Cisco Unified SRSV-CUE EXEC
---------------	-----------------------------

Command History	Cisco Unified SRSV-CUE Release	Modification
	8.0	This command was introduced.

Examples The following example shows the output for the **show srsv subscriber call-handler** command when it is entered with no arguments:

```
SRSV# show srsv subscriber call-handler
```

```
CALL HANDLER
  Display Name      : pparker
  Language          : INHERIT
  Menu Delay       : 1500
  Message Recipient : pparker
  Transfer Rule    : Standard
  Transfer calls to : 1013
```

```
CALL HANDLER
  Display Name      : mjwatson
  Language          : INHERIT
  Menu Delay       : 1500
  Message Recipient : mywatson
  Transfer Rule    : Standard
  Transfer calls to : 1014
```

The following example shows the output for the **show srsv subscriber call-handler** command with a call handler specified:

```
SRSV# show srsv subscriber call-handler pparker
```

```
CALL HANDLER
  Display Name      : pparker
  Language          : INHERIT
  Menu Delay       : 1500
  Message Recipient : pparker
  Transfer Rule    : Standard
  Transfer calls to : 1013
```

For descriptions of the output fields, see [Table 5](#).

Related Commands	Command	Description
	show srsv auto-attendant	Displays the Cisco Unified SRSV-CUE auto-attendant configuration status that is provisioned by the Cisco UMG.

show srsv system

To display the system schedule and holiday information that is learned from Cisco Unity Connection, which can be used for debugging purposes, use the **show srsv system** command in Cisco UMG EXEC mode. This command is useful for validating transfer rules and greetings based on configured holidays and schedules.

show srsv system [**holiday** *holiday_name* | **schedule** *schedule_name*]

Syntax Description	holiday <i>holiday_name</i>	Name of a specific holiday for which you want to see information.
	schedule <i>schedule_name</i>	Name of a specific schedule for which you want to see information.

Command Modes Cisco UMG EXEC mode

Command History	Cisco Unified SRSV-CUE Release	Modification
	8.6	This command was introduced.

Usage Guidelines You must use Cisco Unity Connection, and then reprovision the SRSV-CUE device from Cisco UMG, to enter or update the system schedule or holiday information. Each holiday schedule has a unique name and is made up of one or more user-entered holidays. Each system schedule has a unique name and is made up of one or more user-entered schedules.

Examples The following example shows the output for the **show srsv system** command when it is entered with the **holiday** argument:

```
SRSV# show srsv system holiday

Holiday Schedule holiday-1
Holiday Name: april
  Date(s)           : Apr 21, 2011
  Duration          : All Day
Holiday Schedule holiday-reg
Holiday Name: Name not specified
  Date(s)           : Jun 2, 2011
  Duration          : All Day
```

The following example shows the output for the **show srsv system** command when it is entered with the **schedule** argument:

```
SRSV# show srsv system schedule

Schedule weekdays-credits
Detail Item: weekdays
  Start           : 8:00 AM
  End             : 2:00 PM
  Days            : M, T, W, Th, F
```

Schedule All Hours

Detail Item: Name not specified

Start	: 12:00 AM
End	: End Of Day
Days	: M, T, W, Th, F, S, Su

Schedule regression-week

Detail Item: reg

Start	: 11:00 AM
End	: 5:30 PM
Days	: M, T, W, Th, F

Schedule Weekdays

Detail Item: test

Start	: 8:00 AM
End	: 9:00 PM
Days	: M, T, W, Th

show srsx alerts

To display the alerts received from all Cisco Unified survivable remote systems, use the **show srsx alerts** command.

show srsx alerts [**critical** | **error** | **warning** | **info**] [**detailed**]

Syntax Description

critical	Displays critical level alerts.
error	Displays warning level alerts.
warning	Displays error level alerts.
info	Displays informational level alerts.
detailed	Displays detailed information about the alert. Can be used alone or with any of the other arguments.

Command Modes

Cisco UMG EXEC mode

Command History

Cisco UMG Version	Modification
8.0	This command was introduced.
8.6	Updated this command to include the detailed keyword.

Usage Guidelines

This information is also available in the Cisco UMG graphical user interface, which we recommend that you use as the primary administrative interface.

Examples

The following is an example of the **show srsx alerts** command:

```
umg-1# show srsx alerts
```

Level	System	Date	Description
WARNING	central-umg	Mon, Mar 22, 09:16 AM	Central telephony service server cucm.srsv.lab could not be contacted for provisioning.
INFO	central-umg	Mon, Mar 22, 09:17 AM	Central telephony service server cucm.srsv.lab new SRST reference branch-bos-srst detected.

The following is an example of the **show srsx alerts detailed** command:

```
umg-1# show srsx alerts detailed
```

```
Level: ERROR
```

```
System: srsv-umg
```

```
Date: Fri, Apr 8, 06:02 PM
```

```
Description: SRSV provisioning failed for site srsv26.srsv.bxb.lab for various reason(s).  
Check details link for more information
```

```
Details:
```

```
Failed to retrieve SRSV dist. lists
```

```
Failure to create subscriber tdennler @ 6001(6001)
```

```
*****
```

```
Level: INFO
```

```
System: srsv-umg
```

```

Date: Fri, Apr 8, 05:43 PM
Description: SRSV srsv26.srsv.bxb.lab upgraded to 8.6.2
Details:
  The SRSV upgrade completed upgrading to a newer image.
  *****
Level: INFO
System: srsv-umg
Date: Fri, Apr 8, 05:43 PM
Description: SRSV srsv28.srsv.bxb.lab upgraded to 8.6.2
Details:
  The SRSV upgrade completed upgrading to a newer image.
  *****

```

The following is an example of the **show srsx alerts info detailed** command:

```

umg-1# show srsx alerts info detailed
Level: INFO
System: srsv-umg
Date: Fri, Apr 8, 05:43 PM
Description: SRSV srsv26.srsv.bxb.lab upgraded to 8.6.2
Details:
  The SRSV upgrade completed upgrading to a newer image.
  *****
Level: INFO
System: srsv-umg
Date: Fri, Apr 8, 05:43 PM
Description: SRSV srsv28.srsv.bxb.lab upgraded to 8.6.2
Details:
  The SRSV upgrade completed upgrading to a newer image.
  *****

```

Related Commands

Command	Description
show srsx branch-voicemail-server	Displays the SRSV-CUE devices on the Cisco Unified SRSV system.
show srsx central-call-agent	Displays the central call agents available on the Cisco Unified SRSV system.
show srsx central-voicemail-server	Displays the central voicemail servers available on the Cisco Unified SRSV system.
show srsx site	Displays the sites on the Cisco Unified SRSV system.

show srsx branch-call-agent

To display information about all the SRST sites that have been learned from the central Cisco Unified Communications Manager, use the **show srsx branch-call-agent** command in Cisco UMG EXEC mode.

show srsx branch-call-agent [*name*]

Syntax Description	<i>name</i> (Optional) Name of a specific SRST reference name.
---------------------------	--

Command Modes	Cisco UMG EXEC mode
----------------------	---------------------

Command History	Cisco UMG Version	Modification
	8.5	This command was introduced.

Usage Guidelines	This information is also available in the Cisco UMG graphical user interface, which Cisco recommends that you use as the primary administrative interface.
-------------------------	--

Examples The following is an example of the **show srsx branch-call-agent** command:

```
se-10-86-27-64# show srsx branch-call-agent
SRST Reference Name|SRST Host      |Platform      |CUCME Version|Router Username
-----
2821_branch1      |172.16.0.1    |2821          |8.5          |admin
1861              |192.168.203.7|--            |--           |cisco
test_branch1      |202.202.202.1|--            |--           |cisco
2951-branch       |223.223.223.1|CISCO2951/K9|8.5          |admin
```

Related Commands	Command	Description
	show srsx branch-voicemail-server	Displays the SRSV-CUE devices on the Cisco Unified SRSV system.
	show srsx central-call-agent	Displays the central call agents available on the Cisco Unified SRSV system.
	show srsx central-voicemail-server	Displays the central voicemail servers available on the Cisco Unified SRSV system.
	show srsx site	Displays the sites on the Cisco Unified SRSV system.

show srsx branch-voicemail-server

To display the list of configured Cisco Unified SRSV devices, details for the specified Cisco Unified SRSV devices, or a list of the Cisco Unified SRSV devices that are not yet assigned, use the **show srsx branch-voicemail-server** command.

show srsx branch-voicemail-server [**unassigned** | *hostname*]

Syntax Description

unassigned	Displays the Cisco Unified SRSV devices that are not assigned to any site.
<i>hostname</i>	Hostname of a specific Cisco Unified SRSV device.

Command Modes

Cisco UMG EXEC mode

Command History

Cisco UMG Version	Modification
8.0	This command was introduced.

Usage Guidelines

This information is also available in the Cisco UMG GUI, which we recommend that you use as the primary administrative interface.

Examples

The following is an example of the **show srsx branch-voicemail-server** command:

```
umg-1# show srsx branch-voicemail-server
```

Hostname	SRST Gateway	Module Type	Memory	Serial Number
bos-srsv.srsv.lab	bos-srst.srsv.lab	NME	512 mb	ABC12344M19

The following is an example of the **show srsx branch-voicemail-server** command asking for unassigned devices:

```
umg-1# show srsx branch-voicemail-server unassigned
```

Hostname	SRST Gateway	Module Type	Memory	Serial Number
nyc-srsv.srsv.lab	nyc-srst.srsv.lab	NME	512 mb	DEF87644N22

The following is an example of the **show srsx branch-voicemail-server** command with a device specified:

```
umg-1# show srsx branch-voicemail-server srsv1.cisco.com
```

Hostname:	bos-srsv.srsv.lab
Module Type:	NME
Memory:	512 mb
Serial Number:	ABC12344M19

Related Commands	Command	Description
	show srsx central-call-agent	Displays the central call agents available on the Cisco Unified SRSV system.
	show srsx central-voicemail-server	Displays the central voicemail servers available on the Cisco Unified SRSV system.
	show srsx site	Displays the sites on the Cisco Unified SRSV system.

show srsx central-call-agent

To display the list of configured Cisco Unified Communications Manager systems or details for the specified Cisco Unified Communications Manager system, use the **show srsx central-call-agent** command.

show srsx central-call-agent [*hostname* [**srst-references** | **nodes**]]

Syntax Description

<i>hostname</i>	Hostname of a specific Cisco Unified Communications Manager system.
srst-references	Displays the Cisco Unified SRST references for the specified Cisco Unified Communications Manager system.
nodes	Displays all the nodes discovered for the Cisco Unified Communications Manager system.

Command Modes

Cisco UMG EXEC mode

Command History

Cisco UMG Version	Modification
8.0	This command was introduced.
8.6	Updated this command with the following: • Adds the <i>nodes</i> argument which lists all the nodes discovered for the Cisco Unified Communications Manager system. • In the output, displays the cluster name instead of the hostname. • In the output, displays the cluster name for the Cisco Unified Communications Manager system as well as the hostnames of the configured primary and secondary servers. • In the output, displays the default Cisco Unity Connection to use on new sites by cluster name instead of by hostname. • In the ourput, removed the IP address and managed sites information.

Usage Guidelines

This information is also available in the Cisco UMG graphical user interface, which we recommend that you use as the primary administrative interface.

Examples

The following is an example of the **show srsx central-call-agent** command:

```
umg-1# show srsx central-call-agent
Name | Provisioning|SRST-References
-----|-----
CUCM8|enabled      | 7
```

The following is an example of the **show srsx central-call-agent** command with a central call agent specified:

```
umg-1# show srsx central-call-agent CUCM8
```

```

Name: CUCM8
AXL Username: Administrator
AXL Password: *****
AXL Pacing: 0 (milliseconds)
Provisioning Schedule: Every day at 12:00 am
Default Voicemail: CUC 8.5
Provisioning: enabled
Site Provision Enable Default: enabled
Primary Node: CentralCA.srsv.bxb.lab
Secondary Node: CentralCA2.srsv.bxb.lab

```

The following is an example of the **show srsx central-call-agent** command with a central call agent specified and asking for a list of the Cisco Unified SRST references:

```
umg-1# show srsx central-call-agent ccm ccm.cisco.com srst-references
```

SRST-references	IP Address
branch-bos-srst	192.168.1.2
branch-nyc-srst	192.168.1.4
branch-sj-srst	192.168.1.5

The following is an example of the **show srsx central-call-agent** command with a central call agent specified and asking for a list of the nodes discovered for the central call agent:

```
umg-1# show srsx central-call-agent CUCM8 nodes
```

```

Nodes
-----
CentralCA.srsv.bxb.lab
CentralCA2.srsv.bxb.lab

```

Related Commands

Command	Description
show srsx central-voicemail-server	Displays the central voicemail servers available on the Cisco Unified SRSV system.
show srsx site	Displays the sites on the Cisco Unified SRSV system.
show srsx branch-voicemail-server	Displays the SRSV-CUE devices on the Cisco Unified SRSV system.

show srsx central-voicemail-server

To display the list of configured Cisco Unity Connection systems or details for the specified Cisco Unity Connection system, use the **show srsx central-voicemail-server** command.

show srsx central-voicemail-server [*hostname* [**nodes**]]

Syntax Description

<i>hostname</i>	Hostname of a specific Cisco Unity Connection system.
nodes	Displays all the nodes discovered for the Cisco Unity Connection system.

Command Modes

Cisco UMG EXEC mode

Command History

Cisco UMG Version	Modification
8.0	This command was introduced.
8.6	Updated this command with the following: • Adds the <i>nodes</i> argument which lists all the nodes discovered for the Cisco Unity Connection system. • In the output, displays the cluster name instead of the hostname. • In the output, displays the cluster name for the Cisco Unity Connection system as well as the hostnames of the configured primary and secondary servers.

Usage Guidelines

This information is also available in the Cisco UMG graphical user interface, which we recommend that you use as the primary administrative interface.

Examples

The following is an example of the **show srsx central-voicemail-server** command:

```
umg-1# show srsx central-voicemail-server
```

```
Name           | Provisioning
CUC 8.5        | enabled
```

The following is an example of the **show srsx central-voicemail-server** command with a Cisco Unity Connection specified:

```
umg-1# show srsx central-voicemail-server "CUC 8.5"
```

```
Name:           CUC 8.5
REST Username:  CucUser
REST Password:   *****
REST Pacing:    0 milliseconds
Provisioning:    enabled
Primary Node:    CentralVM.srsv.bxb.lab
Secondary Node:  CentralVM2.srsv.bxb.lab
```


The following is an example of the **show srsx central-voicemail-server** command with a Cisco Unity Connection specified and asking for a list of the cluster host peers that belong to the cluster:

```
umg-1# show srsx central-voicemail-server "CUC 8.5" nodes
```

Nodes

```
CentralVM.srsv.bxb.lab  
CentralVM2.srsv.bxb.lab
```

Related Commands

Command	Description
show srsx branch-voicemail-server	Displays the SRSV-CUE devices on the Cisco Unified SRSV system.
show srsx central-call-agent	Displays the central call agents available on the Cisco Unified SRSV system.
show srsx site	Displays the sites on the Cisco Unified SRSV system.

show srsx provisioning-history

To display the provisioning history for all sites, use the **show srsx provisioning-history** command.

show srsx provisioning-history

Syntax Description

This command has no arguments or keywords.

Command Modes

Cisco UMG EXEC mode

Command History

Cisco UMG Version	Modification
8.0	This command was introduced.
8.5	The display output was modified to include the Ephones Provisioned column.

Usage Guidelines

This information is also available in the Cisco UMG graphical user interface, which we recommend that you use as the primary administrative interface.

Examples

The following is an example of the **show srsx provisioning-history** command in Cisco UMG 8.0:

```
umg-1# show srsx provisioning-history
```

Site	Last Result	Date	Last Success	Users Provisioned
branch-bos-srst	Success	Mon, Mar 22, 09:24 AM	Mon, Mar 22, 09:24 AM	21
branch-nyc-srst	unknown			0
branch-sj-srst	unknown			0

The following is an example of the **show srsx provisioning-history** command in Cisco UMG 8.0:

```
umg-1# show srsx provisioning-history
```

Site	Last Result	Date	Last Success	Users Provisioned
branch-bos-srst	Success	Mon, Mar 22, 09:24 AM	Mon, Mar 22, 09:24 AM	21
branch-nyc-srst	unknown			0
branch-sj-srst	unknown			0

Related Commands

Command	Description
show srsx branch-voicemail-server	Displays the SRSV-CUE devices on the Cisco Unified SRSV system.
show srsx central-call-agent	Displays the central call agents available on the Cisco Unified SRSV system.
show srsx site	Displays the sites on the Cisco Unified SRSV system.

show srsx site

To display the list of sites managed by the Cisco UMG or to see details for the specified site, use the **show srsx site** command.

show srsx site [*sitename*]

Syntax Description

<i>sitename</i>	Name of a specific site.
-----------------	--------------------------

Command Modes

Cisco UMG EXEC mode

Command History

Cisco UMG Version	Modification
8.0	This command was introduced.
8.5	This command was modified to add support for E-SRST configurations. The following fields were added: SRST Provisioning, SRSV Provisioning, Router login username, Router login password.
8.6	This command was modified so that in the output, the central call agent and central voicemail servers are listed by their cluster names instead of by their hostnames.

Usage Guidelines

This information is also available in the Cisco UMG graphical user interface, which we recommend that you use as the primary administrative interface.

Examples

The following is an example of the **show srsx site** command:

```
umg-1# show srsx site
```

Site	Provisioning	Call Agent	Voicemail Server	SRST	SRSV
srsv1	enabled	CUCM8	CUC 8.5	192.168.1.2	bos-srsv.srsv.lab
srst1	enabled	CUCM8	CUC 8.6	192.168.1.4	bos-srsv.srsv.lab
srsv2	enabled	CUCM7	CUC 7.0	192.168.1.5	bos-srsv.srsv.lab

The following is an example of the **show srsx site** command with a site specified:

```
umg-1# show srsx site srsv1
```

```
Sitename:                srsv1
Central Call Agent:      CUCM8
Central Voicemail Server: CUC 8.5
Srst Reference:          srst1
Srst Address:            192.168.28.131
Srsv Voicemail:          bos-srsv.srsv.lab
Template:                default
Provisioning:            enabled
SRSV provisioning        enabled
SRST provisioning        enabled
Router login username    bxb100 admin
Router login password    *****
```

Related Commands	Command	Description
	show srsx central-call-agent	Displays the central call agents available on the Cisco Unified SRSV system.
	show srsx central-voicemail-server	Displays the central voicemail servers available on the Cisco Unified SRSV system.
	show srsx branch-voicemail-server	Displays the SRSV-CUE devices on the Cisco Unified SRSV system.

show srsx site-template

To display the site provisioning templates used when provisioning SRSV-CUE devices, use the **show srsx site-template** command.

show srsx site-template [**default**] | [*name*] | [**auto-learned**]

Syntax Description

default	Displays default site provisioning templates.
<i>name</i>	Displays details for the selected template.
auto-learned	Displays site provisioning templates for auto-learned sites.

Command Modes

Cisco UMG EXEC mode

Command History

Cisco UMG Version	Modification
8.0	This command was introduced.
8.5	This command was modified to add support for E-SRST configurations. The Autolearn Voicemail Pilot field was added.

Usage Guidelines

This information is also available in the Cisco UMG graphical user interface, which we recommend that you use as the primary administrative interface.

Examples

The following is an example of the **show srsx site-template** command:

```
umg-1# show srsx site-template
```

```
Name      |Voicemail Pilot
```

```
default|1001
```

The following is an example of the **show srsx site-template** command in which the voicemail pilot has been auto-learned:

```
umg-1# show srsx site-template
```

```
Name      |Voicemail Pilot
```

```
default|Auto-Learned
```

The following is an example of the **show srsx site-template** command with a template specified:

```
umg-1# show srsx site-template default
```

```
Template Name:           default
Autolearn voicemail pilot enabled
Voicemail Pilot:         1001
Live Record:            disabled
Live Record Beep:        disabled
Live Record Beep Interval: 15
Live Record Beep Duration: 250
```

```

Live Reply:                disabled
Mailbox Size (seconds):    3600
Maximum Message Size (seconds): 240
Message Expiration (days): 30
Menu items changed prompt: disabled
MWI mode:                  Automatic
MWI type:                  Sub-notify

```

Related Commands

Command	Description
show srsx branch-voicemail-server	Displays the SRSV-CUE devices on the Cisco Unified SRSV system.
show srsx central-call-agent	Displays the central call agents available on the Cisco Unified SRSV system.
show srsx site	Displays the sites on the Cisco Unified SRSV system.

show srsx software-upgrade

To determine if the system is enabled for an SRSV-CUE device software upgrade, and to see which version is on the system, use the **show srsx software-upgrade** command.

show srsx software-upgrade

Syntax Description	This command has no arguments or keywords.
---------------------------	--

Command Modes	Cisco UMG EXEC mode
----------------------	---------------------

Command History	Cisco UMG Version	Modification
	8.6	This command was introduced.

Usage Guidelines	This information is also available in the Cisco UMG graphical user interface, which we recommend that you use as the primary administrative interface.
-------------------------	--

Examples	The following is an example of the show srsx software-upgrade command:
-----------------	---

```
umg-1# show srsx software-upgrade
```

```
Software Upgrade Enabled : true
```

```
Platform|Version |Size
```

nmx	9.0.1	805 MB
-----	-------	--------

sme	9.0.1	811 MB
-----	-------	--------

show srsx srsv-upload-history

To display the voicemail upload history for all Cisco Unified SRSV devices, use the **show srsx srsv-upload-history** command.

show srsx srsv-upload-history

Syntax Description This command has no arguments or keywords.

Command Modes Cisco UMG EXEC mode

Command History	Cisco UMG Version	Modification
	8.0	This command was introduced.

Usage Guidelines This information is also available in the Cisco UMG graphical user interface, which we recommend that you use as the primary administrative interface.

Examples The following is an example of the **show srsx srsv-upload-history** command:

```
umg-1# show srsx srsv-upload-history
```

SRSV	Total Voicemails	Undeliverable	Start	End
bos-srsv.srsv.lab	3	0	Mon, Mar 22, 10:30 AM	Mon, Mar 22, 10:31 AM

Related Commands	Command	Description
	show srsx branch-voicemail-server	Displays the SRSV-CUE devices on the Cisco Unified SRSV system.
	show srsx central-call-agent	Displays the central call agents available on the Cisco Unified SRSV system.
	show srsx site	Displays the sites on the Cisco Unified SRSV system.

show srsx system-settings

To display the global Cisco Unified survivable remote system configuration values, use the **show srsx system-settings** command.

show srsx system-settings

Syntax Description	This command has no arguments or keywords.
---------------------------	--

Command Modes	Cisco UMG EXEC mode
----------------------	---------------------

Command History	Cisco UMG Version	Modification
	8.0	This command was introduced.

Usage Guidelines	This information is also available in the Cisco UMG GUI, which we recommend that you use as the primary administrative interface.
-------------------------	---

Examples	The following is an example of the show srsx system-settings command: umg-1# show srsx system-settings
-----------------	---

```
Secondary UMG:    backup-umg.srsv.lab
Use TLS Security: Off
SRSV UMG Secret:  *****
SRSV REST Secret:  *****
```

Related Commands	Command	Description
	show srsx branch-voicemail-server	Displays the SRSV-CUE devices on the Cisco Unified SRSV system.
	show srsx central-call-agent	Displays the central call agents available on the Cisco Unified SRSV system.
	show srsx site	Displays the sites on the Cisco Unified SRSV system.

show statistics

To display a statistics report, use the show statistics command in Cisco UMG EXEC mode.

show statistics

Syntax Description This command has no keywords or arguments.

Command Modes Cisco UMG EXEC

Command History	Cisco UMG Version	Modification
	1.0	This command was introduced.

Examples The following example shows a partial output from the **show statistics** command:

```
umg-1# show statistics
SMTP Receive Failure: 0
SMTP Sent Failure: 0
SMTP Rejected: 0
NDR Message Generated: 0
DDR Message Generated: 0
Number of Lookup Request: 0
SDL Message Received: 0
SDL Message Sent: 0
SBM Message Received: 11
DirEx Message Received: 6
DirEx Message Send: 25
VPIM Message Received: 12
VPIM Message Sent: 12
Total SMTP Message Received: 18
Total SMTP Message Sent: 37
```

Related Commands	Command	Description
	directory exchange messaging-gateway request	Manually forces data convergence between the current messaging gateway and its peers by requesting either full directory exchange or directory updates.
	directory exchange messaging-gateway send	Manually forces data convergence between the current messaging gateway and its peers, by sending either full directory exchange or directory updates.
	ndr timeout	Configures a timeout window whose elapse will result in a non- delivery receipt (NDR).
	show ddr timeout	Displays the timeout window whose elapse will result in a DDR.
	show list	Displays a list of the system distribution lists (SDLs) that are configured.
	show list privilege	Displays the authorized senders for SDLs.
	show ndr timeout	Displays the timeout window whose elapse will result in a NDR.

Command	Description
show translation-rule	Displays translation rules for the SMTP header for each supported endpoint.
translation-rule	Configures translation rules for both message header and SMTP header for each supported endpoint.
vpim external	Configures NAT entries for peer messaging gateways or endpoints.

software download uninstall

To upgrade to a newer version of Cisco UMG software, use the **software install upgrade** command in Cisco UMG EXEC mode.

```
software install upgrade {pkg umg-package.pkg |
                        url ftp://ftp-server-ip-address/umg-package.pkg}
```

Syntax Description

pkg umg-package.pkg	Specifies a package name.
url ftp://ftp-server-ip-address/umg-package.pkg	Specifies the FTP server information.

Command Modes

Cisco UMG EXEC

Command History

Cisco UMG Version	Modification
1.0	This command was introduced.

Usage Guidelines

Use this command to upgrade to a newer version of Cisco UMG software.
Neither Cisco UMG Release 1.0.1 nor Cisco UMG Release 8.0.1 supports upgrades.

Examples

The following is an example of the command to upgrade to a newer version of Cisco UMG software.

```
umg-1# software install upgrade url ftp://192.0.2.24/umg.nme.1.0.1.pkg
```

The following is an example of the command to upgrade to a newer version of Cisco UMG software if the FTP server has been configured or the software files have been downloaded previously with the **software download upgrade** command:

```
umg-1# software install upgrade pkg umg.nme.1.0.1.pkg
```

Related Commands

Command	Description
software download upgrade	Configures the FTP server information.
software download upgrade	Downloads the files for a future upgrade.
software install clean	Installs a new version of the Cisco UMG software and cleans the disk.
software install downgrade	Downgrades the current Cisco UMG software to an older version.