S: show restore history to system shutdown (aaa accounting event)

Last Updated: June 23, 2011

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stop-date (backup-schedule)

stop-date (kron-schedule)

system language preferred

system-startup (aaa accounting event)

system-shutdown (aaa accounting event)

show restore history

To display the success or failure of restore procedures, use the **show restore history** command in Cisco Unity Express EXEC mode.

show restore history

Syntax Description   This command has no arguments or keywords.

Command Modes   Cisco Unity Express EXEC

Command History

Cisco Unity Express Release	Modification
8.0	This command was introduced.

Usage Guidelines   If running a Cisco Unity Express version prior to 8.0, use the **show backup history** command to display the restore history.

Note   If the restore fails because the FTP server is not reachable, the failure is not logged in the restore history.

Examples   The following is sample output from the **show restore history** command:

```
se-10-0-0-0# show restore history
#Start Operation
Category:      Configuration
Backup Server: ftp://10.100.10.215/CUE_backup
Operation:     Restore
Backupid:      129
Restoreid:     15
Date:          Sun Jun 13 12:32:48 PDT 1993
Result:        Success
Reason:
Version: 8.0.0.1
#End Operation
```

Table 73 describes the significant fields shown in the display.

Table 73   show restore history Field Descriptions

Field	Description
Category	Specifies the type of file (data, configuration, or all) that was backed up.
Backup Server	Backup server location.
Operation	Type of operation performed.
Backupid	ID number of the backup file.

Table 73   *show restore history Field Descriptions (continued)*

Field	Description
Restoreid	ID to use to restore this file.
Date	Date and time (in hh:mm:ss) when the operation occurred.
Result	Indication of success or failure of the operation.
Reason	If the operation failed, this field gives the reason for the failure.
Version	Specifies the scheduled restore version.

Related Commands

Command	Description
show backup history	Displays the success or failure of backup and restore procedures.

show restriction-table

To display information about the specified restriction tables, use the **show restriction-table** command in Cisco Unity Express EXEC mode.

show restriction-table [*table-name* **| all]**

Syntax Description		
table-name		Display the specified restriction table.
all		Display all restriction tables in the system.

Command Modes   Cisco Unity Express EXEC

Command History

Cisco Unity Express Version	Modification
3.0	This command was introduced.

Usage Guidelines   Use the **show restriction-table** command in Cisco Unity Express EXEC mode to display the name and contents of the specified restriction tables.

Examples   The following is sample output for the **show restriction-table** *table-name* command:

```
se-10-0-0-0# show restriction-table fax-restriction

Restriction Table:       fax-restriction
Minimum digits allowed:  1
Maximum digits allowed:  30
Dial Strings:
Preference    Call Pattern    Allowed
   1            19000...       yes
   2            170000         yes
   3              *            yes
```

Table 74 describes the significant fields shown in the display.

Table 74   ***show restriction-table Field Descriptions***

Field	Description
Restriction table:	Name of the restriction table.
Minimum digits allowed:	Minimum number of digits allowed in a restricted number.
Maximum digits allowed:	Maximum number of digits allowed in a restricted number.
Dial Strings:	List of dial-string entries in the table.
Preference	Priority of a dial string in the table. The lower number has a higher preference.
Call Pattern	Pattern of digits to match against a dialed number.
Allowed	Permission to allow or prohibit a call matching the call pattern.

Related Commands	Command	Description
	restriction create	Creates a restriction table.
	restriction delete	Deletes a restriction table.
	restriction dial-string	Specifies a dial string for a restriction table
	restriction max-digits	Specifies the maximum number of digits for a restriction table.
	restriction min-digits	Specifies the minimum number of digits for a restriction table.
	voicemail fax restriction	Associates a restriction table with the fax feature.
	voicemail live-reply restriction	Associates a restriction table with the live-reply feature.
	voicemail non-subscriber restriction	Associates a restriction table with the non-subscriber message delivery feature.

show running-config

To display the current running configuration, use the **show running-config** command in Cisco Unity Express EXEC mode.

show running-config [**paged**]

Syntax Description

paged	(Optional) Displays enough output to fill the current viewing screen.

Command Modes   Cisco Unity Express EXEC

Command History

Cisco Unity Express Version	Modification
1.0	This command was introduced on the Cisco Unity Express network module and in Cisco Unified Communications Manager Express 3.0.
1.1	This command was implemented on the advanced integration module (AIM) and in Cisco Unified Communications Manager 3.3(3).
1.1.2	This command was implemented on the Cisco 2800 series and Cisco 3800 series routers.
7.1	This command was expanded to display caller flow configurations

Usage Guidelines   This command displays the running configuration stored in flash memory.

Use the **paged** keyword to display the output in screen-length pages.

Examples   The following is sample output for the **show running-config** command:

```
se-10-0-0-0# show running-config

Generating configuration:


! Timezone Settings
clock timezone America/Los_Angeles

! hostname
hostname se-10-0-0-0

! Domain Name
ip domain-name localdomain
! DNS Servers
ip name-server 10.100.10.130

ntp server 10.100.6.9

groupname Administrators create
```

```
groupname sales create
groupname tech create

username user1 create
username user2 create
username user3 create
username user4 create
username user5 create
username user6 create
username user7 create
username user8 create
username user9 create
username user1 phonenumber "2004"
username user2 phonenumber "2005"
username user4 phonenumber "2008"
username user6 phonenumber "2006"
username user7 phonenumber "2001"
username user8 phonenumber "2012"
username user9 phonenumber "2002"

groupname Administrators member user4
groupname Administrators member user6
groupname sales member user1
groupname sales member user9

backup server url "ftp://172.16.0.1/ftp" username "" password ""

ccn application autoattendant
 description "Auto Attendant"
 enabled
 maxsessions 8
 script "aa.aef"
 parameter "MaxRetry" "3"
 parameter "operExtn" "0"
 parameter "welcomePrompt" "AAWelcome.wav"
 end application

ccn application ciscomwiapplication
 description "ciscomwiapplication"
 enabled
 maxsessions 8
 script "setmwi.aef"
 parameter "strMWI_OFF_DN" "8001"
 parameter "strMWI_ON_DN" "8000"
 parameter "CallControlGroupID" "0"
 end application

ccn application voicemail
 description "voicemail"
 enabled
 maxsessions 8
 script "voicebrowser.aef"
 parameter "logoutUri" "http://localhost/voicemail/vxmlscripts/"
 parameter "uri" "http://localhost/voicemail/vxmlscripts/login.
 end application

ccn engine
 end engine

ccn subsystem sip
 gateway address "10.100.6.9"
 end subsystem

ccn trigger sip phonenumber 6700
```

```
       application "autoattendant"
       enabled
       locale "en_ENU"
       maxsessions 8
       end trigger

    ccn trigger sip phonenumber 6800
       application "voicemail"
       enabled
       locale "en_ENU"
       maxsessions 8
       end trigger


    template TELLER_CLRFLW type voicemail-caller-flow
       caller-input #,* repeat-greeting
       caller-input 9 transfer-to 9999
    end template

    voicemail conversation caller caller-flow restriction-table block-external-nos

    voicemail mailbox owner "aimumesh3" size 1694
       caller-flow caller-input 0,9 ignore
       caller-flow caller-input 5 transfer-to 5555
       description "aimumesh3 mailbox"
    end mailbox


    voicemail default mailboxsize 3000
    voicemail mailbox owner "user1" size 3000
     description "User 1"
     end mailbox

    voicemail mailbox owner "user2" size 3000
     description "User 2"
     end mailbox

    voicemail mailbox owner "user3" size 3000
     description "User 3"
     end mailbox

    voicemail mailbox owner "user4" size 3000
     description "User 4"
     end mailbox

    voicemail mailbox owner "user5" size 3000
     description "User 5"
     end mailbox

    voicemail mailbox owner "user6" size 3000
     description "User 6"
     end mailbox

    voicemail mailbox owner "user7" size 3000
     description "User 7"
     end mailbox

    voicemail mailbox owner "user8" size 3000
     description "User 8"
     end mailbox


       end
```

Related Commands	Command	Description
	copy ftp	Copies network FTP server data to another location.
	copy running-config	Copies the running configuration to another location.
	copy startup-config	Copies the startup configuration to another location.
	copy tftp	Copies network TFTP server data to another location.
	erase startup-config	Deletes the startup configuration.
	show startup-config	Displays the startup configuration.
	write	Copies the running configuration to the startup configuration.

show schedules

To display the details of all recurring scheduled events configured on the local system, use the **show schedules** command in Cisco Unity Express EXEC mode.

show schedules

Syntax Description   This command has no arguments or keywords.

Command Modes   Cisco Unity Express EXEC

Command History

Cisco Unity Express Version	Modification
7.1	This command was introduced.

Examples   The following example displays a summary of all recurring scheduled events on the local system:

```
se-10-0-0-0# show schedules

Name        Schedule             Next Run         Description   Categories
A22         NOT SET              NEVER
backup1000  Every 1 days at 12:34  Jun 25, 2002 12:34             Data
Total: 2
```

Table 75 describes the significant fields shown in the display.

Table 75   *show schedules Field Descriptions*

Field	Description
Name	ID of the scheduled action.
Application	Application performing the scheduled action.
Schedule	When the action is scheduled to occur.
Next Run	Date and time the next scheduled action will occur
Description	Description of the scheduled action.

Related Commands

Command	Description
backup schedule	Enters commands enters backup-schedule submode.
show backup schedule detail job	Shows details for the specified recurring scheduled backup job.

show schedule detail job

To display the details of the specified scheduled event, use the **show schedule detail job** command in Cisco Unity Express EXEC mode.

show schedule detail job *job-name*

Syntax Description	*job-name*	Specifies the name of the scheduled backup job to display.

Command Modes   Cisco Unity Express EXEC

Command History

Cisco Unity Express Version	Modification
7.1	This command was introduced.

Examples   The following example displays information for the specified scheduled event:

```
se-10-0-0-0# show schedule detail job job-8

Job Name    job-8
Application backup
Description main backup
Schedule    Daily at 06:00
Last Run    5 hours 59 seconds ago
Next Run    in 18 hours 1 seconds
Active          from Jun 25, 2002 until INDEFINITE
```

Table 76 describes the significant fields shown in the display.

Table 76   show backup schedule detail job Field Descriptions

Field	Description
Job Name	ID of the scheduled backup job.
Application	Application performing the scheduled action.
Description	Description of the scheduled backup job.
Schedule	When the backup job is scheduled to occur.
Last Run	Date and time the last backup occurred
Next Run	Date and time the next backup will occur
Active	Time period when the scheduled backup job is active.

Related Commands

Command	Description
backup schedule	Enters commands enters backup-schedule submode.
show backup schedules	Shows details for all recurring scheduled backup jobs.

show security detail

To display the system-wide password and PIN settings, use the **show security detail** command in Cisco Unity Express EXEC mode.

show security detail

Syntax Description   This command has no arguments or keywords.

Command Modes   Cisco Unity Express EXEC

Command History

Cisco Unity Express Version	Modification
2.1	This command was introduced.
3.0	This command was extended to display new parameters for system-wide passwords and PINs.

Examples   The command output may look similar to the following:

```
se-10-0-0-0# show security detail

Password Expires:       true
Password Age:           60 days
Password Length (min):  5
Password Length (max):  32
Password Lockout:       Disabled
Password History Depth: 1
PIN Expires:            true
PIN Age:                45 days
PIN Length (min):       4
PIN Length (max):       16
Pin Lockout:            Disabled
PIN History Depth:      1
```

The following example shows the values when password expiration and the PIN length are reset to the system default values:

```
se-10-0-0-0# show security detail

Password Expires:       false
Password Length (min):  3
Password Length (max):  32
Password Lockout:       Disabled
Password History Depth: 1
PIN Expires:            false
PIN Age:                45 days
PIN Length (min):       3
PIN Length (max):       16
Pin Lockout:            Disabled
PIN History Depth:      1
```

Table 77 describes the fields shown in the **show security detail** command output.

Table 77   *show security detail Field Descriptions*

Field	Description
Password Expires	Indicates if password expiration is turned on.
Password Age	Maximum number of days for which subscribers' passwords are valid.
Password Length (min)	Minimum number of characters for all subscribers' passwords.
Password Length (max)	Maximum number of characters for all subscribers' passwords.
Password Lockout	Indicates if password lockout is turned on.
Password History Depth	Indicates the number of previous passwords the system remembers.
PIN Expires	Indicates if password expiration is turned on.
PIN Age	Maximum number of days for which subscribers' PINs are valid.
PIN Length (min)	Minimum number of digits for all subscribers' PINs.
PIN Length (max)	Maximum number of digits for all subscribers' PINs.
PIN Lockout	Indicates if PIN lockout is turned on.
PIN History Depth	Indicates the number of previous PINs the system remembers.

Related Commands

Command	Description
security password	Configures password length and expiry time for the local system.
security pin	Configures PIN length and expiry time for the local system.

show security ssh known-hosts

To display a list of configured SSH (Secure Shell) servers and their fingerprints, use the **show security ssh known-hosts** command in Cisco Unity Express EXEC mode.

show security ssh known-hosts

Syntax Description   This command has no arguments or keywords.

Command Modes   Cisco Unity Express EXEC

Command History

Cisco Unity Express Version	Modification
3.0	This command was introduced.

Usage Guidelines   Use the **show security ssh known-hosts** command in Cisco Unity Express EXEC mode to display a list of configured SSH servers and their fingerprints. These fingerprints are used to perform SSH server authentication.

Examples   The following is sample output for the **show security ssh known-hosts** command:

```
se-10-0-0-0# show security ssh known-hosts

192.168.138.208 ssh-rsa  a5:3a:12:6d:e9:48:a3:34:be:8f:ee:50:30:e5:e6:c3
172.16.103.231 ssh-rsa  5c:31:00:89:04:ed:2e:fc:bd:eb:26:23:cd:24:c0:b6
```

This output shows the following information:

- Hostname or IP address of the SSH server.
- Whether the MD5 (Message-Digest algorithm 5) fingerprint is for a SSH server's host key that was created using the DSA (Digital Signature Algorithm) or RSA encryption algorithm.
- MD5 fingerprint string

Related Commands

Command	Description
backup server authenticate	Retrieves the fingerprint of the backup server's host key.
security ssh	Configures the MD5 (Message-Digest algorithm 5) fingerprint of the SSH (Secure Shell) server's host key.

show site

To show site information, use the **show site** command in Cisco Unity Express EXEC mode.

show site [*site-name*]

Syntax Description

site-name	Name of the site to display information about.

Command Default   Site information is shown for all sites.

Command Modes   Cisco Unity Express EXEC

Command History

Cisco Unity Express Version	Modification
3.2	This command was introduced.

Usage Guidelines   If no site name is specified, information is shown for all sites.

This command shows the following information for sites:

- Site name
- Hostname
- Description
- Web username
- XML username

Examples   The following example shows the output for the **show site** command:

```
se-10-0-0-0# show site

Name        Hostname              Description
local       1.100.50.12           Local site
San-jose    1.100.50.46            Sales branch in SJ
```

The following example shows the **show site** output for a specific site:

```
se-10-0-0-0# show site San-jose

Name:San-jose
Description: Sales branch in SJ
Hostname: 1.100.50.46
Web Username: admin
XML Username: axluser
```

Related Commands	Command	Description
	description (site)	Configures a description for a specific site.
	site name	Creates a site.
	web username password (site)	Configures the Web username and Web password for a site.
	web credentials hidden (site)	Configures the Web hidden credentials for a site
	xml username password (site)	Configures the XML username and password for a site.
	xml credentials hidden (site)	Configures the XML hidden credentials for a site

show smtp server

To display the settings for the SMTP server, use the **show smtp server** command in Cisco Unity Express EXEC mode.

show smtp server

Syntax Description   This command has no arguments or keywords.

Command Modes   Cisco Unity Express EXEC

Command History

Cisco Unity Express Version	Modification
2.3	This command was introduced.
8.6	The Security field was added to the display.

Examples   The following is sample outputs for the **show smtp server** command:

```
se-10-0-0-0# show smtp server

SMTP Server: 172.16.1.1
Port: 1088
Authentication: Required
Username: smtp123
```

The following is sample output for the **show smtp server** command for Cisco Unity Express 8.6 or later:

```
se-10-0-0-0# show smtp server

SMTP Server: 172.16.0.1
SMTP Port: 465
Authentication: Required
Username: cisco
Security: ssl
```

The following example displays the output when authentication is not required.

```
se-10-0-0-0# show smtp server

SMTP Server: 10.10.5.12
Authentication: Not Required
```

The following example displays the error message if the SMTP server is not configured.

```
se-10-0-0-0# show smtp server

SMTP Server is not configured.
```

Table 78 describes the significant fields shown in the display.

Table 78   show smtp server Field Descriptions

Field	Description
SMTP Server:	Hostname or IP address of the SMTP server.
Port:	Port of the SMTP server.
Authentication:	Status of authentication requirement for the SMTP server.
Username:	Authentication user ID of the SMTP server.
Security	The security setting configuring using the **smtp server security** command. Supported in Cisco Unity Express 8.6 or later.

Related Commands

Command	Description
smtp server address	Configures the SMTP server for message notification to text devices.
smtp server security	Configures the security settings for the SMTP server.

show snmp configuration

To display the SNMP configuration parameters, use the s**how snmp configuration** command in Cisco Unity Express EXEC mode.

show snmp configuration

Syntax Description This command has no arguments or keywords.

Command Modes Cisco Unity Express EXEC

Command History

Cisco Unity Express Release	Modification
2.2	This command was introduced on the Cisco Unity Express NM-CUE, AIM-CUE, and NM-CUE-EC.

Examples The following example shows output from the **show snmp configuration** command:

```
se-10-0-0-0# show snmp configuration

Contact:            Dial 71111 for system operator
Location:           Bldg A NYC
Community 1 RO:     nycaccess
Community 2 RO:     iminhere
Community 3 RO:     123abc
Community 1 RW:     admin_main
Community 2 RW:     myaccess
Traps:              enabled
Host Community 2:   172.16.16.224 bigtraps
cueShutdownRequest  enabled
se-10-0-0-0#
```

Related Commands

Command	Description
show snmp configuration	Displays the SNMP configuration.
snmp-server contact	Specifies SNMP contact information.
snmp-server enable traps	Enables SNMP traps.
snmp-server host	Specifies up to 5 SNMP hosts.
snmp-server location	Specifies SNMP host location information.

show software

To display characteristics of the installed software, use the **show software** command in Cisco Unity Express EXEC mode.

   show software {**directory** | **download server** | **licenses** | **packages** | **versions**}

Syntax Description

directory	Displays the software directory.
download server	Displays the IP address of the FTP server.
licenses	Displays the terms and limits of the purchased license for the system.
packages	Displays the configured Cisco Unity Express application packages.
versions	Displays the current versions of the configured software and applications.

Command Modes   Cisco Unity Express EXEC

Command History

Cisco Unity Express Version	Modification
1.0	This command was introduced on the Cisco Unity Express network module and in Cisco Unified Communications Manager Express 3.0.
1.1	This command was implemented on the advanced integration module (AIM) and in Cisco Unified Communications Manager 3.3(3).
1.1.2	This command was implemented on the Cisco 2800 series and Cisco 3800 series routers.
2.0	This command was updated for the Cisco Unity Express network module.

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

```
se-10-0-0-0# show software download server

Download server URL is: ftp://172.16.0.1/ftp

se-10-0-0-0# show software licenses

Core:
 - application mode: CME
 - total usable system ports: 8

Voicemail/Auto Attendant:
 - max system mailbox capacity time: 6000
 - max general delivery mailboxes: 20
 - max personal mailboxes: 100

Languages:
 - max installed languages: unlimited
 - max enabled languages: 1
```

```
se-10-0-0-0# show software packages

Installed Packages:
 - Core (Integrated Voice Services - Core)
 - Auto Attendant (Integrated Voice Services - Auto Attendant)
 - Voice Mail (Integrated Voice Services - Voice Mail)
 - Boot Loader (Service Engine Bootloader)

Installed Languages:
 - US English (English language pack)

se-10-50-10-125# show software versions

Installed Packages:
Software Version: 3.0.1
 - Installer  3.0.1.0
    - Thirdparty 2.3.1.0
    - Bootloader (Primary) 2.1.14
    - Infrastructure  2.3.2.0
    - Global 3.0.1.0
    - Service Engine license 2.1.2.0
    - Auto Attendant  3.0.0.12
    - Voice Mail 10.2.3.1.0
    - Bootloader (Secondary) 2.1.15.0
    - Core  2.4.0.1
    - GPL Infrastructure  2.2.1.0

Installed Plug-ins:

 - CUE Voicemail Language Support 3.0.0.0
    - CUE Voicemail Brazilian Portuguese 3.0.0.0
    - CUE Voicemail US English 3.0.0.0
```

Related Commands	Command	Description
	show call-agent	Displays the configured applications.
	show voicemail	Displays properties configured for the voice-mail system.
	voicemail default	Configures default values for the voice-mail application.

show software directory

To display directory information for software download and downgrade files, use the **show software directory** command in Cisco Unity Express EXEC mode.

> **show software directory** {**download | downgrade**}

Syntax Description

download	Displays download directory information.
downgrade	Displays downgrade directory information.

Command Modes   Cisco Unity Express EXEC

Command History

Cisco Unity Express Version	Modification
2.0	This command was introduced.

Examples   The following is sample output for the **show software directory download** command:

```
se-10-10-0-0# show software directory download

KBytes  Directory
27347   /dwnld/pkgdata

Directory listings

Directory: /dwnld/pkgdata

total 27347
drwxrwxr-x   2 root     daemon        136 Oct 18 19:30 .
drwxrwxr-x   4 root     daemon        136 Oct 18 19:30 ..
-rw-rw-r--   1 root     root     27857860 Oct 18 19:31 cue-vm-upgrade.2.1
-rw-rw-r--   1 root     root       113161 Oct 18 19:30 cue-vm.2.1.pkg
se-10-0-0-0#
```

The following is sample output for the **show software directory downgrade** command:

```
se-172-16-0-0# show software directory downgrade

KBytes  Directory
6154    /dwnld/dwngrade

Directory listings

Directory: /dwnld/dwngrade

total 6154
drwxrwxrwx   3 root     daemon        184 Nov  3 17:22 .
drwxrwxr-x   4 root     daemon        360 Nov  3 17:22 ..
-rw-rw-r--   1 root     daemon        227 Oct 28 18:42 .uninstall_work_order
-rw-rw-r--   1 root     daemon    6286628 Oct 28 18:42 add_files.fhdr
drwxrwxr-x   2 root     daemon         48 Nov  3 17:22 tmp
se-10-0-0-0#
```

Related Commands	Command	Description
	show call-agent	Displays the configured applications.
	show voicemail	Displays properties configured for the voice-mail system.
	voicemail default	Configures default values for the voice-mail application.

show startup-config

To display the current startup configuration, use the **show startup-config** command in Cisco Unity Express EXEC mode.

show startup-config [**paged**]

Syntax Description

paged	(Optional) Displays enough output to fill the current viewing screen.

Command Modes

Cisco Unity Express EXEC

Command History

Cisco Unity Express Version	Modification
1.0	This command was introduced on the Cisco Unity Express network module and in Cisco Unified Communications Manager Express 3.0.
1.1	This command was implemented on the advanced integration module (AIM) and in Cisco Unified Communications Manager 3.3(3).
1.1.2	This command was implemented on the Cisco 2800 series and Cisco 3800 series routers.

Usage Guidelines

This command displays the startup configuration stored in flash memory.

Examples

The following is sample output for the **show startup-config** command:

```
se-10-0-0-0# show startup-config

! This adds all the platform CLI commands
!

! hostname
hostname se-10-0-0-0

! Domain Name
ip domain-name localdomain

! DNS Servers
ip name-server 10.100.10.130

! Timezone Settings
clock timezone America/Los_Angeles
end
```

Related Commands

Command	Description
copy ftp	Copies network FTP server data to another location.
copy running-config	Copies the running configuration to another location.
copy startup-config	Copies the startup configuration to another location.
copy tftp	Copies network TFTP server data to another location.
erase startup-config	Deletes configuration data.
show running-config	Displays the running configuration.
write	Copies the running configuration to the startup configuration.

show system language

To display which language the system is configured to use and/or a list of the languages available, use the **show system language** command in Cisco Unity Express EXEC mode.

show system language {**preferred** | **installed**}

Syntax Description

preferred	The language the system is using.
installed	The languages that are available for use.

Command Modes   Cisco Unity Express EXEC

Command History

Cisco Unity Express Version	Modification
3.0	This command was introduced in Cisco Unity Express.

Usage Guidelines   Use this command to see which language versions of Cisco Unity Express are available and/or which of them is currently the set language.

Each language is displayed as two pairs of two-character codes, the first lowercase, the second uppercase. The first pair of characters designates the language and the second pair of characters designates the area where the language is spoken, for example, en_GB for British English. On the same line as each pair of codes is the full name of the language and the product version.

Examples   The following example illustrates the use of the **show system language preferred** command:

```
se-10-0-0-0# show system language preferred
Preferred Language: en_US
```

The following example illustrates the use of the **show system language installed** command:

```
se-10-0-0-0# show system language installed
Installed Languages:
it_IT - Italian (Italian language pack) (2.3.0.0)
es_ES - European Spanish (Spanish language pack) (2.3.0.0)
en_US - US English (English language pack) (2.3.0.0)
fr_FR - European French (French language pack) (2.3.0.0)
ga_IE - Gaelic Irish English (Gaelic Irish language pack) (2.3.0.0)
es_CO - Latin American Spanish (Latin American Spanish language pack) (2.3.0.0)
es_MX - Mexican Spanish (Mexican Spanish language pack) (2.3.0.0)
fr_CA - Canadian French (Canadian French language pack) (2.3.0.0)
en_GB - British English (British English language pack) (2.3.0.0)
da_DK - Danish (Danish language pack) (2.3.0.0)
pt_BR - Brazilian Portuguese (Brazilian Portuguese language pack) (2.3.0.0)
de_DE - German (German language pack) (2.3.0.0)
ko_KR - Korean (Korean language pack) (2.3.0.0)
zh_CN - Mandarin Chinese (Mandarin Chinese language pack) (2.3.0.0)
ja_JP - Japanese (Japanese language pack) (2.3.0.0)
```

Related Commands	Command	Description
	system language preferred	Configures the system language.

show trace buffer

To display a list of events in memory, use the **show trace buffer** command in Cisco Unity Express EXEC mode.

> **show trace buffer [containing** *string* **[long | short] | long [paged] | short [paged] | tail [***number* **[long | short]]]**

Syntax Description

containing *string*	(Optional) Displays only events that match a search expression.
long	(Optional) Displays expanded text for many error and return codes.
short	(Optional) Displays hexadecimal codes.
paged	(Optional) Displays the output a page at a time.
tail	(Optional) Display the latest events as they occur.
number	(Optional) Displays the most recent *number* of events.

Command Modes

Cisco Unity Express EXEC

Command History

Cisco Unity Express Version	Modification
1.0	This command was introduced on the Cisco Unity Express network module and in Cisco Unified Communications Manager Express 3.0.
1.1	This command was implemented on the advanced integration module (AIM) and in Cisco Unified Communications Manager 3.3(3).
1.1.2	This command was implemented on the Cisco 2800 series and Cisco 3800 series routers.

Usage Guidelines

This command displays a list of the trace events being captured in the memory buffer. Use this command to monitor trace events set for debugging. You may stop the output by pressing CTRL-C.

Examples

The following example shows a partial output from the **show trace buffer** command:

```
se-10-0-0-0# show trace buffer

Press <CTRL-C> to exit...
238 09/19 23:23:11.041 TRAC TIMZ 0 UTC UTC 0
238 09/19 23:23:11.043 TRAC TIMZ 0 UTC UTC 0
800 09/19 23:28:04.152 WFSP MISC 0 WFSysdbLimits::WFSysdbLimits hwModuleType=NM
800 09/19 23:28:04.171 WFSP MISC 0 WFSysdbProp::getProp
800 09/19 23:28:04.171 WFSP MISC 0 keyName = limitsDir
str = /sw/apps/wf/ccnapps/limits
800 09/19 23:28:04.197 WFSP MISC 0 WFSysdbProp::getNodeXml
800 09/19 23:28:04.197 WFSP MISC 0 WFSysdbProp::getProp
800 09/19 23:28:04.198 WFSP MISC 0 keyName = limits
str = <?xml version="1.0" encoding="ISO-8859-1" standalone="yes"?> <attrList> <a
```

```
ttrDecl purpose="CONFIG" type="INT32" maxsize="4"> <node>limits</node> <attr>max
_scripts</attr> <desc>maximum number of scripts</desc> <value>0</value> </attrDe
cl> <attrDecl purpose="CONFIG" type="INT32" maxsize="4"> <node>limits</node> <at
tr>max_prompts</attr> <desc>maximum number of prompts</desc> <value>0</value> </
attrDecl> </attrList>
800 09/19 23:28:04.199 WFSP MISC 0 WFSysdbProp::getNodeXml(str, str)
800 09/19 23:28:04.200 WFSP MISC 0 WFSysdbProp::getProp
800 09/19 23:28:04.200 WFSP MISC 0 keyName = app
```

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

show trace store

To display a list of events from the atrace.log file, use the **show trace store** command in Cisco Unity Express EXEC mode.

> **show trace store [containing** *string* **[long | short] | long [paged] | short [paged] | tail [***number* **[long | short]]]**

Syntax Description

containing *string*	(Optional) Displays only events that match a search expression.
long	(Optional) Displays expanded text for many error and return codes.
short	(Optional) Displays hexadecimal codes.
paged	(Optional) Displays the output a page at a time.
tail	(Optional) Display the latest events as they occur.
number	(Optional) Displays the most recent *number* of events.

Command Modes   Cisco Unity Express EXEC

Command History

Cisco Unity Express Version	Modification
1.0	This command was introduced on the Cisco Unity Express network module (NM) and in Cisco Unified Communications Manager Express 3.0.
1.1	This command was implemented on the advanced integration module (AIM) and in Cisco Unified Communications Manager 3.3(3).
1.1.2	This command was implemented on the Cisco 2800 series and Cisco 3800 series routers.

Usage Guidelines   This command displays a list of the trace events saved in the atrace.log file. Use this command to monitor trace events set for debugging. The atrace.log file capacity is 10 MB on the AIM and 100 MB on the NM. When the atrace.log file reaches its limit, it is copied to the atrace.log.prev file and restarted. You may stop the output by pressing CTRL-C.

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

```
se-10-0-0-0# show trace store

Press <CTRL-C> to exit...
238 09/19 23:23:11.041 TRAC TIMZ 0 UTC UTC 0
238 09/19 23:23:11.043 TRAC TIMZ 0 UTC UTC 0
800 09/19 23:28:04.152 WFSP MISC 0 WFSysdbLimits::WFSysdbLimits hwModuleType=NM
800 09/19 23:28:04.171 WFSP MISC 0 WFSysdbProp::getProp
800 09/19 23:28:04.171 WFSP MISC 0 keyName = limitsDir
str = /sw/apps/wf/ccnapps/limits
800 09/19 23:28:04.197 WFSP MISC 0 WFSysdbProp::getNodeXml
800 09/19 23:28:04.197 WFSP MISC 0 WFSysdbProp::getProp
```

```
800 09/19 23:28:04.198 WFSP MISC 0 keyName = limits
str = <?xml version="1.0" encoding="ISO-8859-1" standalone="yes"?> <attrList> <a
ttrDecl purpose="CONFIG" type="INT32" maxsize="4"> <node>limits</node> <attr>max
_scripts</attr> <desc>maximum number of scripts</desc> <value>0</value> </attrDe
cl> <attrDecl purpose="CONFIG" type="INT32" maxsize="4"> <node>limits</node> <at
tr>max_prompts</attr> <desc>maximum number of prompts</desc> <value>0</value> </
attrDecl> </attrList>
800 09/19 23:28:04.199 WFSP MISC 0 WFSysdbProp::getNodeXml(str, str)
800 09/19 23:28:04.200 WFSP MISC 0 WFSysdbProp::getProp
800 09/19 23:28:04.200 WFSP MISC 0 keyName = app
```

Related Commands	Command	Description
	show logs	Displays a list of the log files.
	show trace store-prev	Displays a list of events from the atrace.log.prev file.

show trace store-prev

To display a list of events from the atrace.log.prev file, use the **show trace store-prev** command in Cisco Unity Express EXEC mode.

> **show trace store-prev [containing** *string* **[long | short] | long [paged] | short [paged] | tail** **[***number* **[long | short]]]**

Syntax Description

containing *string*	(Optional) Display only events that match a search expression.
long	(Optional) Displays expanded text for many error and return codes.
short	(Optional) Displays hexadecimal codes.
paged	(Optional) Displays the output a page at a time.
tail	(Optional) Display the latest events as they occur.
number	(Optional) Displays the most recent *number* of events.

Command Modes Cisco Unity Express EXEC

Command History

Cisco Unity Express Version	Modification
1.0	This command was introduced on the Cisco Unity Express network module (NM) and in Cisco Unified Communications Manager Express 3.0.
1.1	This command was implemented on the advanced integration module (AIM) and in Cisco Unified Communications Manager 3.3(3).
1.1.2	This command was implemented on the Cisco 2800 series and Cisco 3800 series routers.

Usage Guidelines This command displays a list of the trace events being captured in the atrace.log.prev file. Use this command to monitor trace events set for debugging. The atrace.log file capacity is 10 MB on the AIM and 100 MB on the NM. When the atrace.log file reaches its limit, it is copied to the atrace.log.prev file and restarted. You may stop the output by pressing CTRL-C.

Examples The following example shows a partial output from the **show trace store-prev** command:

```
se-10-0-0-0# show trace store-prev

Press <CTRL-C> to exit...
238 09/19 23:23:11.041 TRAC TIMZ 0 UTC UTC 0
238 09/19 23:23:11.043 TRAC TIMZ 0 UTC UTC 0
800 09/19 23:28:04.152 WFSP MISC 0 WFSysdbLimits::WFSysdbLimits hwModuleType=NM
800 09/19 23:28:04.171 WFSP MISC 0 WFSysdbProp::getProp
800 09/19 23:28:04.171 WFSP MISC 0 keyName = limitsDir
str = /sw/apps/wf/ccnapps/limits
800 09/19 23:28:04.197 WFSP MISC 0 WFSysdbProp::getNodeXml
800 09/19 23:28:04.197 WFSP MISC 0 WFSysdbProp::getProp
```

```
800 09/19 23:28:04.198 WFSP MISC 0 keyName = limits
str = <?xml version="1.0" encoding="ISO-8859-1" standalone="yes"?> <attrList> <a
ttrDecl purpose="CONFIG" type="INT32" maxsize="4"> <node>limits</node> <attr>max
_scripts</attr> <desc>maximum number of scripts</desc> <value>0</value> </attrDe
cl> <attrDecl purpose="CONFIG" type="INT32" maxsize="4"> <node>limits</node> <at
tr>max_prompts</attr> <desc>maximum number of prompts</desc> <value>0</value> </
attrDecl> </attrList>
800 09/19 23:28:04.199 WFSP MISC 0 WFSysdbProp::getNodeXml(str, str)
800 09/19 23:28:04.200 WFSP MISC 0 WFSysdbProp::getProp
800 09/19 23:28:04.200 WFSP MISC 0 keyName = app
```

Related Commands	Command	Description
	show logs	Displays a list of the log files.
	show trace store	Displays a list of events from the atrace.log file.

show user detail username

To display the configured details for a specific subscriber, use the **show user detail username** command in Cisco Unity Express EXEC mode.

show user detail username *username*

Syntax Description

username	Name of the subscriber whose configuration details should be displayed.

Command Modes   Cisco Unity Express EXEC

Command History

Cisco Unity Express Version	Modification
1.0	This command was introduced on the Cisco Unity Express network module and in Cisco Unified Communications Manager Express 3.0.
1.1	This command was implemented on the advanced integration module (AIM) and in Cisco Unified Communications Manager 3.3(3).
1.1.2	This command was implemented on the Cisco 2800 series and Cisco 3800 series routers.
3.0	This command was modified to also display the fax extension assigned to a user.
7.0	This command was modified to also display information about the user's privileges (for email and epage), group membership, and group ownership.

Usage Guidelines   This command displays subscribers who were configured using either Cisco Unity Express EXEC mode or Cisco Unity Express configuration mode of the **username** command.

Examples   The following is sample output for the **show user detail username** command.

```
se-10-0-0-0# show user detail username user1

Full Name:          User 1
First Name:
Last Name:          user1
Nickname:           user1
Phone:              2004
Phone(E.164):
Fax:                2004
Email:
Epage:
Language:           en_ENU
GroupMember:        broadcasters
GroupOwner:         <none>
```

Table 79 describes the significant fields shown in the display.

Table 79   *show user detail username Field Descriptions*

Field	Description
Full Name	Full name of the subscriber.
First Name	First name of the subscriber.
Last Name	Last name of the subscriber.
Nickname	Optional nickname of the subscriber.
Phone	Extension or telephone number assigned to the subscriber.
Phone (E.164)	11-digit telephone number assigned to the subscriber.
Fax	Fax extension assigned to the subscriber.
Email	Email privileges for this subscriber.
Epage	Epage privileges for prompts for this subscriber.
Language	Language used for prompts for this subscriber.
GroupMember	Groups that have this subscriber as a member.
GroupOwner	Groups that this subscriber owns.

Related Commands

Command	Description
show users	Displays a list of usernames.
username (configuration)	Configures a Cisco Unity Express subscriber.

show user profiles

To display a list of notification profiles configured for a subscriber, use the **show user profiles** command in Cisco Unity Express EXEC mode.

show user profiles username *user-id*

Syntax Description	**username** *user-id*	ID of the subscriber whose notification profiles are displayed.

Command Modes Cisco Unity Express EXEC

Command History	**Cisco Unity Express Version**	**Modification**
	2.3	This command was introduced.

Examples The following are sample outputs for the **show user profiles** command:

```
se-10-0-0-0# show user profiles username user3

vm-notif-profile
```

Related Commands	**Command**	**Description**
	username profile (phone devices)	Configures message notifications for a subscriber's cell phone.
	username profile email	Configures message notifications for a subscriber's e-mail.
	username profile num-pager	Configures message notifications for a subscriber's numeric pager.
	username profile text-pager	Configures message notifications for a subscriber's text pager.

show users

To display a list of configured subscribers, use the **show users** command in Cisco Unity Express EXEC mode.

show users

Syntax Description   This command has no arguments or keywords.

Command Modes   Cisco Unity Express EXEC

Command History

Cisco Unity Express Version	Modification
1.0	This command was introduced on the Cisco Unity Express network module and in Cisco Unified Communications Manager Express 3.0.
1.1	This command was implemented on the advanced integration module (AIM) and in Cisco Unified Communications Manager 3.3(3).
1.1.2	This command was implemented on the Cisco 2800 series and Cisco 3800 series routers.

Usage Guidelines   This command displays an alphabetical list of all subscribers who were configured using either the Cisco Unity Express EXEC version or the Cisco Unity Express configuration version of the **username** command.

Examples   The following example lists the subscribers configured in the voice-mail system:

```
se-10-0-0-0# show users

user1
user2
user3
user4
user5
user6
user7
user8
user9
```

Related Commands

Command	Description
show user detail username	Displays the configuration details for a specific subscriber.
username (configuration)	Configures a Cisco Unity Express subscriber.

show users site

To show the users associated with a site, use the **show users site** command in Cisco Unity Express EXEC mode.

show users site [*site-name*]

Syntax Description

site-name	Name of the site to display information about.

Command Default   None.

Command Modes   Cisco Unity Express EXEC

Command History

Cisco Unity Express Version	Modification
3.2	This command was introduced.

Examples

The following example shows the **show users site** output for all sites:

```
se-10-0-0-0# show users site
Name    Hostname            Description
local      1.100.50.12         Local site
San-jose1.100.50.46           Sales branch in SJ
```

The following example shows the **show users site** output for the San Jose site:

```
se-10-0-0-0# show users site San-jose
Name:San-jose
Description: Sales branch in SJ
Hostname: 1.100.50.46
Web Username: admin
XML Username: axluser
```

Related Commands

Command	Description
site name	Creates a site.
description (site)	Configures a description for a specific site.
web username password (site)	Configures the Web username and Web password for a site.
web credentials hidden (site)	Configures the Web hidden credentials for a site
xml username password (site)	Configures the XML username and password for a site.
xml credentials hidden (site)	Configures the XML hidden credentials for a site

show version

To display the versions of the Cisco Unity Express hardware components, use the **show version** command in Cisco Unity Express EXEC mode.

show version

Syntax Description   This command has no arguments or keywords.

Command Modes   Cisco Unity Express EXEC

Command History

Cisco Unity Express Version	Modification
1.0	This command was introduced on the Cisco Unity Express network module and in Cisco Unified Communications Manager Express 3.0.
1.1	This command was implemented on the advanced integration module (AIM) and in Cisco Unified Communications Manager 3.3(3).
1.1.2	The compact flash information was added to the display.

Usage Guidelines   This command displays a list of the installed Cisco Unity Express hardware components with their versions and serial numbers.

Examples   The following example lists the hardware components for a Cisco Unity Express system:

```
se-10-0-0-0# show version

CPU Model:               Pentium III (Coppermine)
CPU Speed (MHz):         498.677
CPU Cache (KByte):       256
Chassis Type:            C3745
Chassis Serial:          JMX0633L3RW
Module Type:             NM
Module Serial:           JAB0552066P
CF info:                 HITACHI_DK23DA-20
```

Table 80 describes the significant fields shown in the display.

Table 80   show version Field Descriptions

Field	Description
CPU Model:	Model of the Cisco Unity Express module CPU.
CPU Speed (MHz):	CPU speed, in MHz.
CPU Cache (KByte):	Size of the CPU cache, in KB.
Chassis Type:	Type of chassis of the Cisco Unity Express module.

Table 80   show version Field Descriptions (continued)

Field	Description
Chassis Serial:	Serial number of the chassis.
Module Type:	Type of the installed Cisco Unity Express module.
Module Serial:	Serial number of the Cisco Unity Express module.
CF Info:	Brand of the Cisco Unity Express module.

Related Commands

Command	Description
show software	Displays the version numbers of the installed Cisco Unity Express software components.

show voicemail

To display the properties of the voice-mail system, use the **show voicemail** command in Cisco Unity Express EXEC mode.

> **show voicemail** {**detail** {**mailbox** | **user**} *name* | **limits** | **mailboxes** [**idle** *number-of-days*] | **usage** | **users**}

Syntax Description

detail {**mailbox**	**user**} *name*	Displays the details for a general delivery mailbox or a subscriber with the *name* value. For a general delivery mailbox, use the owner's name, not the name of the group.
limits	Displays default values for all mailboxes.
mailboxes	Displays all configured mailboxes and their current storage status.
idle *number-of-days*	(Optional) Displays all configured mailboxes that have been inactive for at least the specified number of days.
usage	Displays how much of the voice-mail system's capacity has been used or configured.
users	Lists all the local voice-mail subscribers.

Command Modes   Cisco Unity Express EXEC

Command History

Cisco Unity Express Version	Modification
1.0	This command was introduced on the Cisco Unity Express network module and in Cisco Unified Communications Manager Express 3.0.
1.1	This command was implemented on the advanced integration module (AIM) and in Cisco Unified Communications Manager 3.3(3). The **idle** keyword was added.
1.1.2	This command was implemented on the Cisco 2800 series and Cisco 3800 series routers.
2.1	Broadcast information was added to the displays of the **mailboxes** and **usage** options.
2.3	Number of messages scheduled for future delivery was added to the **mailboxes** and **detail mailbox** options.
3.0	Number of faxes was added to the **mailboxes** and **detail mailbox** options.
3.2	Whether PINless login is enabled was added to the **detail mailbox** option.
7.1	Added the display of the announcement-only mailbox type, the list of all active greetings, and the call flow behavior.

■ **show voicemail**

Usage Guidelines   If the subscriber specified with the *name* value has a personal mailbox and is the owner of a general delivery mailbox, the **show voicemail detail mailbox** command displays the details for each of the subscriber's mailboxes.

The display of the caller flow behavior shows all of the keys regardless of whether they are configured explicitly for the mailbox. The "Defined In" column indicates if the value is defined by the template, the mailbox configuration, or the system default value.

Because the zero-out feature was migrated to caller flow customization feature in release 7.1, the caller flow information was replaced by the zero-out information.

Examples   The following are samples of output for the **show voicemail** command for a GDM:

```
se-10-0-0-0# show voicemail detail mailbox tech

Owner:                          /sw/local/groups/tech
Type:                           General Delivery
Description:
AnnouncementOnly                No
Busy state:                     idle
Enabled:                        enabled
Allow login without pin:        no
Mailbox Size (seconds):         3000
Message Size (seconds):         60
Play Tutorial:                  true
Space Used (seconds):           0
Fax Enabled:                    true
Total Message Count:            6
New Message Count:              2
Saved Message Count:            0
Future Message Count:           1
Deleted Message Count:          3
Fax Message Count:              1
Expiration (days):              30
Greeting:                       standard, vacation, busy
Created/Last Accessed:          Oct 15 2003 04:38:28 GMT+00:00

Created/Last Accessed:      Nov 04 2008 14:31:14 PST

Caller Input    Call Flow Action     Defined In
0               ignore               Mailbox
1-4           ignore            Default
5               transfer-to 5555     Mailbox
6-8             ignore          Default
9               ignore               Mailbox
#,*           repeat-greeting      Mailbox
```

The following are samples of output for the **show voicemail** command for an personal mailbox:

```
se-10-0-0-0# show voicemail detail mailbox user1

Owner:                          /sw/local/users/user1
Type:                           Personal
Description:                    user1
AnnouncementOnly                No
Busy state:                     idle
Enabled:                        enabled
Allow login without pin:        yes - from any phone number
Mailbox Size (seconds):         3000
Message Size (seconds):         60
```

```
Play Tutorial:                         true
Space Used (seconds):                  0
Fax Enabled:                           true
Total Message Count:                   12
New Message Count:                     3
Saved Message Count:                   3
Future Message Count:                  2
Deleted Message Count:                 4
Fax Message Count:                     1
Expiration (days):                     30
Greeting:                              standard, vacation, busy
Zero Out Number:                       1234
Created/Last Accessed:                 Nov 05 2003 04:38:28 GMT+00:00


Caller Input    Call Flow Action      Defined In
0               ignore                Mailbox
1-4             ignore                Default
5               transfer-to 5555      Mailbox
6-8             ignore                Default
9               ignore                Mailbox
#,*             repeat-greeting       Mailbox
```

The following are samples of output for the **show voicemail** command for an announcement-only mailbox:

```
se-10-0-0-0# show voicemail detail mailbox tech

Owner:                                 /sw/local/groups/tech
Type:                                  Personal
Description:                           tech group announcement-only mailbox
AnnouncementOnly                       Yes
Busy state:                            idle
Enabled:                               enabled
Allow login without pin:               no
Mailbox Size (seconds):                3000
Play Tutorial:                         true
Space Used (seconds):                  17
Greeting:                              standard, vacation, busy
Created/Last Accessed:                 Oct 15 2003 04:38:28 GMT+00:00
```

Table 81 describes the significant fields shown in the displays.

Table 81   show voicemail detail mailbox Field Descriptions

Field	Description
Owner	Pathname of the mailbox space. For a general delivery mailbox, this is not the name of the group owner.
Type	Type of mailbox (general, personal, or announcement-only).
Description	Optional description of the mailbox.
Busy state	Current activity state of the mailbox.
Enabled	Indicates whether the mailbox is available to receive calls.
Allow login without pin	Indicates whether PINless login is enabled for access from a subscriber's phone or from any phone. Valid vales are : *no*, *yes - from subscriber phone numbers*, and *yes - from any phone number*.

Table 81   show voicemail detail mailbox Field Descriptions

Field	Description
Mailbox Size (seconds)	Configured size of the mailbox, in seconds.
Message Size (seconds)	Permitted maximum message storage size, in seconds.
Play Tutorial	Indication of whether the voice-mail tutorial plays on the subscriber's first entry into the mailbox.
Space Used (seconds)	Number of seconds used for currently stored messages.
Fax Enabled	Indicates whether the mailbox is able to receive faxes from a fax gateway.
Total Message Count	Number of all stored messages in the mailbox.
New Message Count	Number of new messages in the mailbox.
Saved Message Count	Number of saved messages in the mailbox.
Future Message Count	Number of messages scheduled for future delivery.
Deleted Message Count	Number of messages deleted from the mailbox.
Fax Message Count	Number of faxes in the mailbox.
Expiration (days)	Maximum number of days for which messages can be stored in the mailbox.
Greeting	Type of active greeting (standard or alternate).
Zero Out Number	Extension dialed when a caller presses 0 from the auto-attendant application to reach the operator.
Caller Input	Number entered by the caller to imitate a call flow action.
Call Flow Action	Effect on the call flow caused by the caller's input.
Defined In	Whether the call flow action is defined by the mailbox configuration or the system default value.

The following is sample output for the **show voicemail limits** command:

```
se-10-0-0-0# show voicemail limits

Default Mailbox Size (seconds):         3000
Default Caller Message Size (seconds):  60
Maximum Recording Size (seconds):       900
Default Message Age (days):             30
System Capacity (minutes):              3600
Default Prompt Language:                en_ENU
Operator Telephone:                     1000
Maximum Broadcast Size (seconds):       300
Broadcast Message Age (days):           30
Broadcast Message MWI:                  disabled
Play Caller Id:                         disabled
Mandatory Message Expiry:               disabled
Mailbox Selection:                      last-redirect
```

Table 82 describes the significant fields shown in the display.

Table 82   show voicemail limits Field Descriptions

Field	Description
Default Mailbox Size (seconds)	Configured size of any new mailbox, in seconds.
Default Caller Message Size (seconds)	Permitted maximum message storage size in any new mailbox, in seconds.
Maximum Recording Size (seconds)	Maximum length of a subscriber's outgoing greeting, in seconds.
Default Message Age (days)	Maximum number of days for which messages can be stored in any new mailbox.
System Capacity (minutes)	Maximum storage minutes for all messages and greetings in the system.
Default Prompt Language	Language used for voice-mail prompts.
Operator Telephone	Extension or telephone number for the voice-mail operator.
Maximum Broadcast size (seconds)	Maximum length of a broadcast message, in seconds.
Broadcast Message Age (days)	Maximum number of days for which broadcast messages can be stored.
Broadcast Message MWI	Status of lighting the MWI when a voice mailbox receives a broadcast message.
Play Caller ID	Status of playing caller ID information for incoming voice-mail messages.
Mandatory Message Expiry	Status of system-wide mandatory message expiration.
Mailbox Selection	Mailbox in which a forwarded call's message is stored.

The following is sample output for the **show voicemail mailboxes** command:

```
se-10-0-0-0# show voicemail mailboxes

OWNER          MSGS NEW SAVE DEL BCST FUTR  FAX  MSGTIME MBXSIZE USED
user1          16   16  0    0   4    1     2    3000    3000    100%
user2          16   16  0    0   4    0     4    3000    3000    100%
user3          16   16  0    0   4    2     2    3000    3000    100%
user4          16   16  0    0   4    1     0    3000    3000    100%
```

Table 83 describes the significant fields shown in the display.

Table 83   show voicemail mailboxes Field Descriptions

Field	Description
OWNER	Subscriber who has a configured mailbox. Other subscribers may be configured on the system, but only those with mailboxes appear on this list.
MSGS	Total number of messages currently in the owner's mailbox.
NEW	Number of new messages in the owner's mailbox.
SAVE	Number of saved messages in the owner's mailbox.

Table 83 show voicemail mailboxes Field Descriptions (continued)

Field	Description
DEL	Number of deleted messages.
BCST	Number of broadcast messages in the owner's mailbox.
FUTR	Number of future messages waiting to be sent.
FAX	Number of faxes in the owner's mailbox.
MSGTIME	Total number of seconds used for messages in the owner's mailbox.
MBXSIZE	Size of the owner's mailbox, in seconds.
USED	Number of seconds used by the owner for messages.

The following is sample output for the **show voicemail mailboxes idle** command:

```
se-10-0-0-0# show voicemail mailboxes idle 7

OWNER                        IDLE MSGS MSGTIME MBXSIZE
"user1"                       11   0    0       3000
"user2"                       11   0    0       3000
"user3"                       11   0    0       3000
"user4"                       11   0    0       3000
"user5"                       11   0    0       3000
```

Table 84 describes the significant fields shown in the display.

Table 84 show voicemail mailboxes idle Field Descriptions

Field	Description
OWNER	User ID of the mailbox owner.
IDLE	Number of days for which the mailbox has been idle.
MSGS	Number of messages stored in the mailbox.
MSGTIME	Number of minutes of messages currently stored in the mailbox.
MBXSIZE	Maximum number of storage minutes for the mailbox.

The following is sample output for the **show voicemail usage** command:

```
se-10-0-0-0# show voicemail usage

personal mailboxes:              120
general delivery mailboxes:      0
orphaned mailboxes               0
capacity of voicemail (minutes): 6000
allocated capacity (minutes):    6000.0
total message time used (seconds):  7543
total message count:             7001
average message length (seconds):   1.0774175117840308
broadcast message count:         4
networking message count:        0
greeting time used (seconds):    3
greeting count:                  1
average greeting length (seconds):  3.0
total time used (seconds):       7546
total time used (minutes):       125.76667022705078
```

```
percentage time used (%):          2
messages left since boot:          5
messages played since boot:        2
messages deleted since boot:       0
```

Table 85 describes the significant fields shown in the display.

Table 85   show voicemail usage Field Descriptions

Field	Description
personal mailboxes	Number of configured personal mailboxes.
general delivery mailboxes	Number of configured general delivery mailboxes.
orphaned mailboxes	Number of orphaned mailboxes.
capacity of voicemail (minutes)	Maximum number of storage minutes for the voice-mail system.
allocated capacity (minutes)	Number of storage minutes allocated for the voice-mail system.
total message time used (seconds)	Number of seconds currently used for all messages.
total message count	Number of messages currently stored in all mailboxes.
average message length (seconds)	Average length of all voice messages, in seconds.
broadcast message count	Number of broadcast messages currently stored.
networking message count	Number of recorded network messages.
greeting time used (seconds)	Number of seconds used for all mailbox greetings.
greeting count	Number of recorded greetings.
average greeting length (seconds)	Average length of all greetings, in seconds.
total time used (seconds)	Total seconds used for all messages and greetings.
total time used (minutes)	Total minutes used for all messages and greetings.
percentage used time (%)	Percentage of total minutes used compared to the allocated capacity.
messages left since boot	Number of messages left by all callers to all voice mailboxes, including general-delivery mailboxes (GDMs), since the last software reload.
messages played since boot	Number of messages played to all voice mailbox subscribers and owners, including GDMs, since the last software reload.
messages deleted since boot	Number of messages deleted by all voice mailbox owners, including GDMs, since the last software reload.

The following is sample output for the **show voicemail users** command:

```
se-10-0-0-0# show voicemail users

"user1,/sw/local/users"
"user2,/sw/local/users"
"user3,/sw/local/users"
"user4,/sw/local/users"
"user5,/sw/local/users"
"user6,/sw/local/users"
```

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```
"user7,/sw/local/users"
"user8,/sw/local/users"
"user9,/sw/local/users"
```

Related Commands	Command	Description
	show voicemail messages future	Displays all messages queued for future delivery.
	voice mailbox owner	Configures a mailbox for a subscriber or group.
	voice mailbox unlock	Unlocks a mailbox.
	voicemail message future delete	Deletes a message queued for future delivery.

show voicemail broadcast messages

To display details of all broadcast messages on the local system, use the **show voicemail broadcast messages** command in Cisco Unity Express EXEC mode.

show voicemail broadcast messages

Syntax Description   This command has no arguments or keywords.

Command Modes   Cisco Unity Express EXEC

Command History

Cisco Unity Express Version	Modification
2.1	This command was introduced.

Examples   The output for this command may appear similar to the following:

```
se-10-0-0-0# show voicemail broadcast messages

Message ID:        JMX0824L4R4-NM-FOC08221WSQ-1103139552166-NBCM
Sender:            1005@nyc.cue.abcdef.com
Length(secs):      10
Start time:        21:12:54 Nov 23 2004 PST
End time:          11:48:06 Dec 4 2004 PST

Message ID:        JMX0824L4R4-NM-FOC08221WSQ-1103084723247-NBCM
Sender:            /sw/local/users/user23
Length(secs):      30
Start time:        08:41:09 Dec 7 2004 PST
End time:          09:00:00 Jan 3 2005 PST
```

Table 86 describes the significant fields shown in the display.

Table 86   show voicemail broadcast messages Field Descriptions

Field	Description
Message ID:	Coded identifier of the message.
Sender:	ID of the sender. If the message comes from a remote location, an e-mail domain name appears. If the message comes from a subscriber on the local network, the pathname to the sender appears.
Length (secs):	Length of the broadcast message, in seconds.
Start time:	Time, date, and time zone when the message became available.
End time:	Time, date, and time zone when the message ended.

Related Commands	Command	Description
	show voicemail mailboxes	Displays details of all voice mailboxes, including broadcast messages.
	show voicemail usage	Displays the voice-mail usage, including broadcast messages.
	voicemail broadcast message	Configures the start and end times of the broadcast message.
	voicemail broadcast message delete	Deletes a broadcast message.
	voicemail broadcast mwi	Enables the MWI lights for broadcast messages.
	voicemail broadcast recording time	Configures the maximum length of broadcast messages.
	voicemail broadcast vpim-id	Configures the VPIM ID for a network location.
	voicemail default broadcast expiration time	Configures the expiration time of broadcast messages.

show voicemail configuration

To display the configured From address for outgoing e-mails, use the **show voicemail configuration** command in Cisco Unity Express EXEC mode.

>**show voicemail configuration**

Syntax Description   This command has no arguments or keywords.

Command Modes   Cisco Unity Express EXEC

Command History

Cisco Unity Express Version	Modification
2.3.2	This command was introduced.

Usage Guidelines   The default From field e-mail address is *hostname@domain*, where *hostname* is the hostname configured for Cisco Unity Express and *domain* is the domain name configured for Cisco Unity Express. The administrator can configure a more descriptive e-mail address for this field, which appears in e-mail messages and notifications from Cisco Unity Express.

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

```
se-10-0-0-0# show voicemail configuration

Outgoing Email From-Address:      myname@company.com
```

Table 87 describes the significant fields shown in the display.

Table 87   show voicemail configuration Field Descriptions

Field	Description
Outgoing Email From-Address	Customer-defined from-address sent with outgoing e-mail message notifications.

Related Commands

Command	Description
voicemail configuration outgoing-email from-address	Configures the From field e-mail address for outgoing e-mail messages.

show voicemail conversation

To display the configuration of the voice-mail conversation feature, use the **show voicemail conversation** command in Cisco Unity Express EXEC mode.

> **show voicemail conversation [caller | subscriber]**

Syntax Description	caller	(Optional) Display only the following caller conversation options:
		• Multiple Msgs Any Mbx
		• Multiple Msgs Same Mbx
		• Recording Prompt
	subscriber	(Optional) Display only the following subscriber conversation options:
		• Play GDM Summary
		• Play Brief Msg Properties
		• Play Day-of-Week Properties

Command Modes   Cisco Unity Express EXEC

Command History

Cisco Unity Express Version	Modification
3.0	This command was introduced.

Usage Guidelines   Use the **show voicemail conversation** command in Cisco Unity Express EXEC mode to display the configured values for the voice-mail conversation feature, including addressing mode. To display all values except the message properties, use the command without any optional keywords.

Examples   The following is sample output for the **show voicemail conversation** command when the feature is configured using the **voicemail conversation address-by-extension** command:

```
se-10-0-0-0# show voicemail conversation

Addressing Mode:        address-by-extension
Multiple Msgs Any Mbx:  enabled
Multiple Msgs Same Mbx: enabled
Play GDM Summary:        enabled
Recording Prompt:       disabled
```

The following is sample output for the **show voicemail conversation** command when the feature is configured using the **voicemail conversation address-by-name** command:

```
se-10-0-0-0# show voicemail conversation

Addressing Mode:        address-by-name
Multiple Msgs Any Mbx:  enabled
Multiple Msgs Same Mbx: enabled
```

```
Play GDM Summary:        enabled
Recording Prompt:        disabled
```

The following is sample output for the **show voicemail conversation caller** command:

```
se-10-0-0-0# show voicemail conversation caller

Multiple Msgs Any Mbx:   enabled
Multiple Msgs Same Mbx:  enabled
Recording Prompt:         disabled
```

The following is sample output for the **show voicemail conversation subscriber** command:

```
se-10-0-0-0# show voicemail conversation caller subscriber

Play GDM Summary: enabled
Play Brief Msg Properties: disabled
Play Day-of-Week Properties: enabled
```

Table 88 describes the significant fields shown in the displays.

Table 88   show voicemail conversation Field Descriptions

Field	Description
Addressing Mode:	Whether the default addressing for voice-mail messages is by name or by extension.
Multiple Msgs Any Mbx:	Whether the caller can leave multiple messages for any mailbox.
Multiple Msgs Same Mbx:	Whether the caller can leave multiple messages for the same mailbox.
Play GDM Summary:	Whether to play summary of new messages in all of the GDMs associated with a user.
Play Brief Msg Properties:	Whether to strip the sender information, date, and time from the message properties playback.
Play Day-of-Week Properties:	Whether to play the day-of-week properties in the message properties playback.
Recording Prompt:	Whether the voice-mail conversion recording prompt is enabled.

Related Commands	Command	Description
	voicemail conversation address-by	Specifies how voice-mail messages are addressed.
	voicemail conversation caller multi-msgs-any-mbx	Enables the caller to leave multiple messages for any mailbox.
	voicemail conversation caller multi-msgs-same-mbx	Enables the caller to leave multiple messages for the same mailbox.
	voicemail conversation subscriber msg-properties brief	Specifies that only a subset of the system-wide message properties (envelope) are played for regular voice-mail messages.

Command	Description
voicemail conversation subscriber msg-properties day-of-week	Includes the playing of the day-of-week information in the message properties (envelope) for regular voice-mail messages.
voicemail conversation subscriber play-gdm-summary	Enables the playing of a summary of new messages in all of the GDMs associated with a user.

show voicemail conversation caller caller-flow restriction-table

To display information about the restriction table associated with the caller input feature, use the **show voicemail conversation caller caller-flow restriction-table** command in Cisco Unity Express EXEC mode.

> **show voicemail conversation caller caller-flow restriction-table**

Syntax Description

This command has no arguments or keywords.

Command Modes

Cisco Unity Express EXEC

Command History

Cisco Unity Express Version	Modification
7.1	This command was introduced.

Usage Guidelines

This command replaces the **show voicemail zero-out restriction-table** command in versions 7.1 and later.

Examples

The following is sample output for the **show voicemail conversation caller caller-flow restriction-table** command:

```
se-10-0-0-0# show voicemail conversation caller caller-flow restriction-table

Restriction Table: caller-flow-restriction
Minimum digits allowed:   1
Maximum digits allowed:   30
Dial Strings:
Preference    Call Pattern    Allowed
    1            19000...      yes
    2            170000        yes
    3              *           yes
```

Table 89 describes the significant fields shown in the display.

Table 89   ***show voicemail conversation caller caller-flow restriction-table Field Descriptions***

Field	Description
Restriction table:	Name of the restriction table.
Minimum digits allowed:	Minimum number of digits allowed in a restricted number.
Maximum digits allowed:	Maximum number of digits allowed in a restricted number.
Dial Strings:	List of dial-string entries in the table.
Preference	Priority of a dial-string in the table. The lower number has a higher preference.

Table 89   show voicemail conversation caller caller-flow restriction-table Field Descriptions

Field	Description
Call Pattern	Pattern of digits to match against a dialed number.
Allowed	Permission to allow or prohibit a call matching the call pattern.

Related Commands

Command	Description
restriction create	Creates a restriction table.
restriction delete	Deletes a restriction table.
restriction dial-string	Specifies the restricted number dial pattern.
restriction max-digits	Specifies the maximum number of digits in a restricted number.
restriction min-digits	Specifies the minimum number of digits in a restricted number.

show voicemail fax restriction-table

To display information about the restriction table associated with the fax system, use the **show voicemail fax restriction-table** command in Cisco Unity Express EXEC mode.

show voicemail fax restriction-table

Syntax Description   This command has no arguments or keywords.

Command Modes   Cisco Unity Express EXEC

Command History

Cisco Unity Express Version	Modification
3.0	This command was introduced.

Usage Guidelines   Use the **show voicemail fax restriction-table** command in Cisco Unity Express EXEC mode to display the name and contents of the restriction table associated with the fax system. This restriction table is used for outgoing faxes from the voice-mail system.

Examples   The following is sample output for the **show voicemail fax restriction-table** command:

```
se-10-0-0-0# show voicemail fax restriction-table

Restriction Table:       fax-restriction
Minimum digits allowed:   1
Maximum digits allowed:   30
Dial Strings:
Preference    Call Pattern    Allowed
   1             19000...      yes
   2             170000        yes
   3               *           yes
```

Table 90 describes the significant fields shown in the display.

Table 90   show voicemail fax restriction-table Field Descriptions

Field	Description
Restriction table:	Name of the restriction table.
Minimum digits allowed:	Minimum number of digits allowed in a restricted number.
Maximum digits allowed:	Maximum number of digits allowed in a restricted number.
Dial Strings:	List of dial-string entries in the table.
Preference	Priority of a dial-string in the table. The lower number has a higher preference.
Call Pattern	Pattern of digits to match against a dialed number.
Allowed	Permission to allow or prohibit a call matching the call pattern.

Related Commands	Command	Description
	restriction create	Creates a restriction table.
	voicemail fax restriction	Associates a restriction table with the fax feature.

show voicemail live-record

To display the configuration of the live-record feature, use the **show voicemail live-record** command in Cisco Unity Express EXEC mode.

> **show voicemail live-record**

Syntax Description   This command has no arguments or keywords.

Command Modes   Cisco Unity Express EXEC

Command History

Cisco Unity Express Version	Modification
3.0	This command was introduced.

Usage Guidelines   Use the **show voicemail live-record** command in Cisco Unity Express EXEC mode to display the configuration of the live-record feature.

For disclaimer information about this feature, see the legal information immediately following the title page.

Examples   The following are samples of output for the **show voicemail live-record** command:

```
se-10-0-0-0# show voicemail live-record

Status: enabled
pilot number:  0295
Conversation beep settings
   duration:   250 milliseconds
   interval:   15 seconds

Status: disabled
pilot number:  disabled
Conversation beep settings
   duration:   disabled
   interval:   15 seconds
```

Table 91 describes the significant fields shown in the display.

Table 91   show voicemail live-record Field Descriptions

Field	Description
Pilot Number:	Number that forwards all incoming calls to the Cisco Unity Express voicemail pilot number.
Duration:	Elapsed time from when a beep starts playing to when it finishes playing, in milliseconds. Range is from 50 to 1000 ms. The default is 250 ms.
Interval:	Elapsed time from the end of one beep and the start of the next beep, in seconds. The a range is 1 to 30 seconds. The default is 15 seconds.

Related Commands	Command	Description
	voicemail live-record beep duration	Sets the elapsed time from when a beep starts playing to when it finishes playing.
	voicemail live-record beep interval	Sets the elapsed time from the end of one beep and the start of the next beep.
	voicemail live-record pilot-number	Set the number that forwards all incoming calls to the Cisco Unity Express voice-mail pilot number.

show voicemail live-reply

To display the configuration of the live-reply feature, use the **show voicemail live-reply** command in Cisco Unity Express EXEC mode.

show voicemail live-reply

Syntax Description   This command has no arguments or keywords.

Command Modes   Cisco Unity Express EXEC

Command History

Cisco Unity Express Version	Modification
3.0	This command was introduced.

Usage Guidelines   Use the **show voicemail live-reply** command in Cisco Unity Express EXEC mode to display the configuration of the live-reply feature.

Examples   The following is sample output for the **show voicemail live-reply** command:

```
se-10-0-0-0# show voicemail live-reply

Status:          enabled
Remote subscriber dialing
  calling number rule: location+prefix+extension
  number preference:   E164 number then calling number rule

Restriction Table:      live-reply-restriction
Minimum digits allowed:  1
Maximum digits allowed:  30
Dial Strings:
Preference    Call Pattern    Allowed
   1            19000...      yes
   2            170000        yes
   3              *           yes
```

Table 92 describes the significant fields shown in the display.

Table 92   show voicemail live-reply Field Descriptions

Field	Description
Status:	Whether the live-reply feature is enabled.
Calling Number Rule:	Method used to derive the string of digits needed to reach the subscriber that sent a network voice-mail message.
Number Preference:	Precedence of using the E.164 number supplied in the delivered VPIM message over the number generated by the calling number rule for live reply.

Table 92   show voicemail live-reply Field Descriptions (continued)

Field	Description
Restriction Table:	Name of the restriction table.
Minimum digits allowed:	Minimum number of digits allowed in a restricted number.
Maximum digits allowed:	Maximum number of digits allowed in a restricted number.
Dial Strings:	List of dial-string entries in the table.
Preference	Priority of a dial-string in the table. The lower number has a higher preference.
Call Pattern	Pattern of digits to match against a dialed number.
Allowed	Permission to allow or prohibit a call matching the call pattern.

Related Commands

Command	Description
calling-number-rule prepend-digits	Specifies additional digits to dial before the calling number rule for the live-reply feature.
voicemail live-reply calling-number-rule	Specifies how to derive the live-reply extension from configuration and VPIM voice card data.
voicemail live-reply enable	Enables the live-reply feature at the system level.
voicemail live-reply network precedence	Specifies the precedence for deriving the E.164 number used for the live-reply feature.
voicemail live-reply restriction	Associates a restriction table with the live-reply feature.

show voicemail live-reply restriction-table

To display information about the restriction table associated with the live-reply feature, use the **show voicemail live-reply restriction-table** command in Cisco Unity Express EXEC mode.

>**show voicemail live-reply restriction-table**

Syntax Description This command has no arguments or keywords.

Command Modes Cisco Unity Express EXEC

Command History

Cisco Unity Express Version	Modification
3.0	This command was introduced.

Usage Guidelines Use the **show voicemail live-reply restriction-table** command in Cisco Unity Express EXEC mode to display the name and contents of the restriction table associated with the live-reply feature.

Examples The following is sample output for the **show voicemail live-reply restriction-table** command:

```
se-10-0-0-0# show voicemail live-reply restriction-table

Restriction Table: live-reply-restriction
Minimum digits allowed:   1
Maximum digits allowed:   30
Dial Strings:
Preference    Call Pattern    Allowed
   1             19000...      yes
   2             170000        yes
   3               *           yes
```

Table 93 describes the significant fields shown in the display.

Table 93　　　**show voicemail live-reply restriction-table Field Descriptions**

Field	Description
Restriction Table:	Name of the restriction table.
Minimum digits allowed:	Minimum number of digits allowed in a restricted number.
Maximum digits allowed:	Maximum number of digits allowed in a restricted number.
Dial Strings:	List of dial-string entries in the table.
Preference	Priority of a dial-string in the table. The lower number has a higher preference.
Call Pattern	Pattern of digits to match against a dialed number.
Allowed	Permission to allow or prohibit a call matching the call pattern.

Related Commands	Command	Description
	restriction create	Creates a restriction table.
	voicemail live-reply restriction	Associates a restriction table with the live-reply feature.

show voicemail messages future

To display all messages scheduled for future delivery, use the **show voicemail messages future** command in Cisco Unity Express EXEC mode.

> **show voicemail messages future**

Syntax Description   This command has no arguments or keywords.

Command Modes   Cisco Unity Express EXEC

Command History

Cisco Unity Express Version	Modification
2.3	This command was introduced.
3.0	This command was extended to display messages that will be sent to external numbers.
3.2	This command was extended to label messages that will be sent to external numbers as non-subscriber instead of external.

Examples   The following is sample output for the **show voicemail messages future** command.

```
se-10-0-0-0# show voicemail messages future

Message ID:     JMX0637L023-NM-FOC08221WRB-731357131983
Sender:         User1
Recipient(s):   UserA
Length(sec):    30
Delivery time:  Mon, 11 April 2006 08:0000-0800 (PST)

Message ID:     JMX0637L023-NM-FOC08221WRB-731183375855
Sender:         User2
Recipient(s):   UserB, 95550041 (non-subscriber)
Length(sec):    20
Delivery time:  Wed, 13 April 2006 10:15:00-0800 (PST)
```

Table 94 describes the significant fields shown in this display.

Table 94   show voicemail messages future Field Descriptions

Field	Description
Message ID:	System-generated ID for the future message.
Sender:	User ID of the subscriber who sent the message.
Recipient(s):	User ID(s) or external number(s) of the recipient(s) of the message.
Length (sec):	Length of the message, in seconds.
Delivery time:	Scheduled date and time when the message will be delivered.

Related Commands	Command	Description
	voicemail message future delete	Deletes a message queued for future delivery.

show voicemail msg-notification restriction-table

To display information about the restriction table associated with the message notification feature, use the **show voicemail msg-notification restriction-table** command in Cisco Unity Express EXEC mode.

> **show voicemail msg-notification restriction-table**

Syntax Description   This command has no arguments or keywords.

Command Modes   Cisco Unity Express EXEC

Command History

Cisco Unity Express Version	Modification
3.0	This command was introduced.

Usage Guidelines   Use the **show voicemail msg-notification restriction-table** command in Cisco Unity Express EXEC mode to display the name and contents of the restriction table associated with the message notification feature.

An error message appears when a restriction table does not exist. To create a restriction table, see the **restriction create** command. To configure a restriction table, see the Related Commands section.

Examples   The following is sample output for the **show voicemail msg-notification restriction-table** command:

```
se-10-0-0-0# show voicemail msg-notification restriction-table

Restriction Table: msg-restriction
Minimum digits allowed:   1
Maximum digits allowed:   30
Dial Strings:
Preference    Call Pattern    Allowed
    1            19000...       yes
    2            170000         yes
    3               *           yes
```

Table 95 describes the significant fields shown in the display.

Table 95   show voicemail msg-notification restriction-table Field Descriptions

Field	Description
Restriction table:	Name of the restriction table.
Minimum digits allowed:	Minimum number of digits allowed in a restricted number.
Maximum digits allowed:	Maximum number of digits allowed in a restricted number.
Dial Strings:	List of dial-string entries in the table.
Preference	Priority of a dial-string in the table. The lower number has a higher preference.

Table 95 show voicemail msg-notification restriction-table Field Descriptions (continued)

Field	Description
Call Pattern	Pattern of digits to match against a dialed number.
Allowed	Permission to allow or prohibit a call matching the call pattern.

Related Commands	Command	Description
	restriction create	Creates a restriction table.
	restriction dial-string	Specifies the restricted number dial pattern.
	restriction max-digits	Specifies the maximum number of digits in a restricted number.
	restriction min-digits	Specifies the minimum number of digits in a restricted number.

show voicemail non-subscriber restriction-table

To display information about the restriction table associated with the non-subscriber message delivery feature, use the **show voicemail non-subscriber restriction-table** command in Cisco Unity Express EXEC mode.

show voicemail non-subscriber restriction-table

Syntax Description   This command has no arguments or keywords.

Command Modes   Cisco Unity Express EXEC

Command History

Cisco Unity Express Version	Modification
3.0	This command was introduced.

Usage Guidelines   Use the **show voicemail non-subscriber restriction-table** command in Cisco Unity Express EXEC mode to display the name and contents of the restriction table associated with the non-subscriber message delivery feature.

Examples   The following is sample output for the **show voicemail non-subscriber restriction-table** command:

```
se-10-0-0-0# show voicemail non-subscriber restriction-table

Restriction Table: non-subscriber-restriction
Minimum digits allowed:   1
Maximum digits allowed:   30
Dial Strings:
Preference    Call Pattern    Allowed
   1            19000...       yes
   2            170000         yes
   3              *            yes
```

Table 96 describes the significant fields shown in the display.

Table 96   show voicemail non-subscriber restriction-table Field Descriptions

Field	Description
Restriction Table:	Name of the restriction table.
Minimum digits allowed:	Minimum number of digits allowed in a restricted number.
Maximum digits allowed:	Maximum number of digits allowed in a restricted number.
Dial Strings:	List of dial-string entries in the table.
Preference	Priority of a dial string in the table. The lower number has a higher preference.

Table 96   show voicemail non-subscriber restriction-table Field Descriptions (continued)

Field	Description
Call Pattern	Pattern of digits to match against a dialed number.
Allowed	Permission to allow or prohibit a call matching the call pattern.

Related Commands

Command	Description
restriction create	Creates a restriction table.
voicemail non-subscriber restriction	Associates a restriction table with the non-subscriber message delivery feature.

show voicemail notification

To display system-wide notification settings, use the **show voicemail notification** command in Cisco Unity Express EXEC mode.

show voicemail notification

Syntax Description   This command has no arguments or keywords.

Command Modes   Cisco Unity Express EXEC

Command History

Cisco Unity Express Version	Modification
2.3	This command was introduced.
3.0	This command was extended to also display the status of the user level message notification cascading feature.
8.0	This command was extended to add the following fields: • LiveRecord Notification • Notification Prefix Text Message • Notification Suffix Text Message

Usage Guidelines   This command displays system-wide voice mail notification configuration values. Some of these values may be configured differently for specific subscribers. See the **username profile**, **groupname profile**, and **show voicemail notification owner** commands.

Examples   The following are samples of output for the **show voicemail notification** command for Cisco Unity Express 7.1 versions or earlier:

```
se-10-0-0-0# show voicemail notification

Message Notification:        enabled
Notification Preference:     all
Connection Timeout:          60 seconds
Login to VoiceMail allowed:  no
Attach voice message:        yes
Cascading:                   enabled


se-10-0-0-0# show voicemail notification

Message Notification:        disabled
Notification Preference:     urgent
Connection Timeout:          75 seconds
Login to VoiceMail allowed:  yes
Attach voice message:        yes
Cascading:                   disabled
```

The following are samples of output for the **show voicemail notification** command for Cisco Unity Express 8.0 versions or later:

```
Message Notification:          enabled
Notification Preference:       all
Connection Timeout:            60 seconds
Login to VoiceMail allowed:    no
Attach voice message:          yes
Cascading:                     enabled
LiveRecord Notification:                     disabled
    Notification Prefix Text Message:
        You have a new voicemail.
Notification Suffix Text Message:

se-10-0-0-0# show voicemail notification

Message Notification:          disabled
Notification Preference:       urgent
Connection Timeout:            75 seconds
Login to VoiceMail allowed:    yes
Attach voice message:          yes
Cascading:                     disabled
LiveRecord Notification:                     disabled
    Notification Prefix Text Message:
        You have a new voicemail.
Notification Suffix Text Message:
```

Table 97 describes the significant fields shown in the displays.

Table 97   show voicemail notification Field Descriptions

Field	Description
Message Notification:	Status of the system-wide message notification capability.
Notification Preference:	Category of notifications sent to subscribers.
Connection Timeout:	Number of seconds after which an outgoing message notification call is disconnected. This value applies only to phone devices and numeric pagers.
Login to Voicemail allowed:	Status of permission that allows subscribers to log in to their voice mailboxes during outgoing notification calls.
Attach voice message: or Attach message to email notification:	Status of permission that allows subscribers to attach voice-mail messages to outgoing notification e-mails.
Cascading:	Status of the user-level message notification cascading feature.
LiveRecord Notification:	Status of the LiveRecord notification feature.
Notification Prefix Text Message:	The configured voicemail notification prefix.
Notification Suffix Text Message:	The configured voicemail notification suffix.

Related Commands	Command	Description
	groupname profile	Configures a group's cell phone, e-mail, numeric pager, or text pager for message notification.
	show voicemail notification owner cascade	Displays the message notification information for a specific subscriber or group.
	username profile	Configures a subscriber's cell phone, e-mail, numeric pager, or text pager for message notification.
	voicemail notification allow-login	Configures e-mail login during a message notification call.
	voicemail notification cascade-to after	Defines a rule for the user level message notification cascading feature.
	voicemail notification cascading enable	Enables the user level message notification cascading feature.
	voicemail notification connect-timeout	Sets the message timeout length.
	voicemail notification email attach	Enables voice messages to be attached to e-mail message notifications.
	voicemail notification enable	Enables the message notification feature.
	voicemail notification owner	Enables message notification for a specific subscriber or group.
	voicemail notification preference	Sets the message notification preference type.
	voicemail notification text prefix	Appends a text message preceding a voicemail notification on a system-wide basis.
	voicemail notification text suffix	Appends signature text following the notification text on a system-wide basis.

show voicemail notification owner

To display the message notification information for a specific subscriber or group, use the **show voicemail notification owner** command in Cisco Unity Express EXEC mode.

> **show voicemail notification owner** *owner-id* [**profile** | **cell-phone** | **email** | **home-phone** | **num-pager** | **text-pager** | **work-phone**]

Syntax Description		
owner-id	ID of the subscriber or group whose message notification information is displayed.
profile	(Optional) Displays the status of the message notification feature for the specified subscriber or group.
cell-phone	(Optional) Displays the details of the cell phone notification profile for the specified subscriber or group.
email	(Optional) Displays the details of the e-mail notification profile for the specified subscriber or group.
home-phone	(Optional) Displays the details of the home phone notification profile for the specified subscriber or group.
num-pager	(Optional) Displays the details of the numeric pager notification profile for the specified subscriber or group.
text-pager	(Optional) Displays the details of the text pager notification profile for the specified subscriber or group.
work-phone	(Optional) Displays the details of the work phone notification profile for the specified subscriber or group.

Command Modes Cisco Unity Express EXEC

Command History	Cisco Unity Express Version	Modification
	2.3	This command was introduced.

Examples The following are samples of output for the **show voicemail notification owner** command:

```
se-10-0-0-0# show voicemail notification owner user3 profile

Message notification: enabled
Profile: vm-notif-profile

se-10-0-0-0# show voicemail notification owner sales profile

Message notification: enabled
Profile: vm-notif-profile
Device         Status         Preference     Number/Email     Extra-Digits     Attach VM
-------------------------------------------------------------------------------------------
Home Phone     disabled       urgent
Work Phone     enabled        all            12225550100
Cell Phone     disabled       urgent
Numeric Pager  disabled       urgent
```

```
Text Pager    disabled         urgent
Email inbox   enabled          all           sales@company.com          yes
```

Table 98 describes the significant fields shown in the display

Table 98   show voicemail notification owner profile Field Descriptions

Field	Description
Message notification:	Status of message notification for the owner.
Profile:	Name of owner's message notification profile file.
Device	Type of device configured to receive notifications for the owner.
Status	Status of each device configured to receive notifications for the owner.
Preference	Category of message notifications that the owner can receive.
Number/Email	Device phone number or e-mail address.
Extra digits	Extra digits to be sent to the phone device.
Attach VM	Status of permission for this owner to attach voice-mail messages to outgoing e-mail notifications.

```
se-10-0-0-0# show voicemail notification owner user3 cell-phone

Profile:       vm-notif-profile
Device:        cell-phone
Enabled:       yes
Preference:    urgent
Phone/Email:   12225550150
Extra Digits:
Schedule (active hours):
    Sunday        Inactive all day
    Monday        08:00 to 11:30, 13:00 to 17:00
    Tuesday       13:00 to 17:00
    Wednesday     08:00 to 12:00, 13:00 to 15:00
    Thursday      Inactive all day
    Friday        09:30 to 13:30
    Saturday      Inactive all day

se-10-0-0-0# show voicemail notification owner sales email
Profile:       vm-notif-profile
Device:        email
Enabled:       yes
Preference:    all
Phone/Email:   sales@company.com
Attach VM:     yes
Schedule (active hours):
    Sunday        Inactive all day
    Monday        08:00 to 17:00
    Tuesday       08:00 to 17:00
    Wednesday     08:00 to 20:00
    Thursday      08:00 to 18:00
    Friday        08:00 to 17:00
    Saturday      10:00 to 14:00
```

Table 99 describes the significant fields shown in the display.

Table 99　　　　*show voicemail notification owner (device) Field Descriptions*

Field	Description
Profile:	Name of the owner's voice profile file.
Device:	Type of device configured to receive notifications for the owner.
Enabled:	Status of message notification capability for the device.
Preference:	Category of message notifications that the device can receive.
Phone/Email:	Phone number or e-mail address of the device.
Attach VM:	Status of permission for this device to receive voice-mail messages attached to incoming e-mail messages.
Schedule (active hours):	Days and times of the week when the device can send and receive message notifications.

Related Commands

Command	Description
groupname profile (phone-device)	Configures message notifications for a group's cell phone.
groupname profile email	Configures message notifications for a group's e-mail.
groupname profile num-pager	Configures message notifications for a group's numeric pager.
groupname profile text-pager	Configures message notifications for a group's text pager.
username profile (phone devices)	Configures message notifications for a subscriber's cell phone.
username profile email	Configures message notifications for a subscriber's e-mail.
username profile num-pager	Configures message notifications for a subscriber's numeric pager.
username profile text-pager	Configures message notifications for a subscriber's text pager.

show voicemail notification owner cascade

To display the details of the cascading message notification rules configured for a specific subscriber or group, use the **show voicemail notification owner cascade** command in Cisco Unity Express EXEC mode.

show voicemail notification owner *owner-id* cascade

Syntax Description

owner-id	ID of the subscriber or group whose message notification information is displayed.

Command Modes   Cisco Unity Express EXEC

Command History

Cisco Unity Express Version	Modification
3.0	This command was introduced.

Examples   The following are samples of output for the **show voicemail notification owner cascade** command:

```
se-10-0-0-0# show voicemail notification owner cascade

Cascade To:
     user4 after 8 minutes
     group2 after 6 minutes
```

Table 100 describes the significant fields shown in the display

Table 100   show voicemail notification owner cascade Field Descriptions

Field	Description
Cascade To:	The users to whom cascaded notification is being sent and the corresponding amount of time after which the notification cascade occurs.

Related Commands

Command	Description
groupname profile email	Configures message notifications for a group's e-mail.
username notification cascade-to after	Configures message notifications for a group's cell phone.

show voicemail notification queue

To display the status of the voicemail notification queue, use the **show voicemail notification queue** command in Cisco Unity Express EXEC mode.

show voicemail notification queue {**email** | **phone**}

Syntax Description

email	Displays details of the notifications in the e-mail queue.
phone	Displays details of the notifications in the phone queue.

Command Modes   Cisco Unity Express EXEC

Command History

Cisco Unity Express Version	Modification
2.3	This command was introduced.

Usage Guidelines   The queues show the jobs that are waiting to be sent out.

After the job enters one of the queues, you cannot delete the job. The system deletes the job after the notification is sent.

Examples   The following examples show output from the **show voicemail notification queue** command:

```
se-10-0-0-0# show voicemail notification queue email

OWNER          DEVICE TYPE        TIME
user1          Text Pager         723232
user1          Email inbox        2323343

se-10-0-0-0# show voicemail notification queue phone

OWNER          DEVICE TYPE        TIME
user1          Numeric Pager      342343
```

Table 101 describes the significant fields shown in the display.

Table 101   show voicemail notification queue Field Descriptions

Field	Description
OWNER	Subscriber that received a new voice message and to whom the system is sending the notification.
DEVICE TYPE	Device that is receiving the notification.
TIME	Time when the system inserted the job into the queue.

Related Commands	Command	Description
	voicemail notification allow-login	Configures e-mail login during a message notification call.
	voicemail notification connect-timeout	Sets the message timeout length.
	voicemail notification email attach	Enables voice messages to be attached to e-mail message notifications.
	voicemail notification enable	Enables the message notification feature.
	voicemail notification owner	Enables message notification for a specific subscriber or group.
	voicemail notification preference	Sets the message notification preference type.

show voicemail notification restriction-table

To display the details of the notification restriction table, use the **show voicemail notification restriction-table** command in Cisco Unity Express EXEC mode.

show voicemail notification restriction-table

Syntax Description This command has no arguments or keywords.

Command Modes Cisco Unity Express EXEC

Command History

Cisco Unity Express Version	Modification
2.3	This command was introduced.

Examples The following are sample outputs for the **show voicemail notification restriction-table** command:

```
se-10-0-0-0# show voicemail notification restriction-table

Restriction table:          msg-notification
Minimum digits allowed:     5
Maximum digits allowed:     18
Dial-Strings:
    Preference      Call Pattern     Allowed
    1               91222*           Yes
    2               *                No
```

Table 102 describes the significant fields shown in the display.

Table 102   *show voicemail notification restriction-table Field Descriptions*

Field	Description
Restriction table:	Name of the restriction table.
Minimum digits allowed:	Minimum number of digits allowed in a restricted number.
Maximum digits allowed:	Maximum number of digits allowed in a restricted number.
Dial-Strings:	List of dial-string entries in the table.
Preference	Priority of a dial-string in the table. The lower number has a higher preference.
Call Pattern	Pattern of digits to match against a dialed number.
Allowed	Permission to allow or prohibit a call matching the call pattern.

Related Commands

Command	Description
restriction dial-string	Configures the dial patterns for a restriction table.
restriction max-digits	Sets the maximum number of digits in a restricted number.
restriction min-digits	Sets the minimum number of digits in a restricted number.

show voicemail zero-out restriction-table

To display information about the restriction table associated with the zero out feature, use the **show voicemail zero-out restriction-table** command in Cisco Unity Express EXEC mode.

> **show voicemail zero-out restriction-table**

Syntax Description   This command has no arguments or keywords.

Command Modes   Cisco Unity Express EXEC

Command History

Cisco Unity Express Version	Modification
3.0	This command was introduced.
7.1	This command was deprecated.

Usage Guidelines   This command is replaced by the **show voicemail conversation caller caller-flow restriction-table** command in versions 7.1 and later.

Examples   The following is sample output for the **show voicemail zero-out restriction-table** command:

```
se-10-0-0-0# show voicemail zero-out restriction-table

Restriction Table: zero-out-restriction
Minimum digits allowed:   1
Maximum digits allowed:   30
Dial Strings:
Preference    Call Pattern    Allowed
   1             19000...      yes
   2             170000        yes
   3               *           yes
```

Table 90 describes the significant fields shown in the display.

Table 103   show voicemail zero-out restriction-table Field Descriptions

Field	Description
Restriction table:	Name of the restriction table.
Minimum digits allowed:	Minimum number of digits allowed in a restricted number.
Maximum digits allowed:	Maximum number of digits allowed in a restricted number.
Dial Strings:	List of dial-string entries in the table.
Preference	Priority of a dial-string in the table. The lower number has a higher preference.
Call Pattern	Pattern of digits to match against a dialed number.
Allowed	Permission to allow or prohibit a call matching the call pattern.

Command	Description
restriction create	Creates a restriction table.
restriction delete	Deletes a restriction table.
restriction dial-string	Specifies the restricted number dial pattern.
restriction max-digits	Specifies the maximum number of digits in a restricted number.
restriction min-digits	Specifies the minimum number of digits in a restricted number.

show voiceview configuration

To display the VoiceView Express configuration parameters, use the **show voiceview configuration** command in Cisco Unity Express EXEC mode.

show voiceview configuration

Syntax Description

This command has no arguments or keywords.

Command Modes

Cisco Unity Express EXEC

Command History

Cisco Unity Express Version	Modification
2.3	This command was introduced.
3.0	This command was implemented on the advanced integration module (AIM).

Usage Guidelines

This command is not available on the AIM in version 2.3 and earlier.

Examples

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

```
se-10-0-0-0# show voiceview configuration

Phone service URL:      http://cuehost/voiceview/common/login.do
Enabled:                Yes
Idle Timeout:           15 minutes
```

Table 104 describes the significant fields shown in the display.

Table 104   show voiceview configuration Field Descriptions

Field	Description
Phone service URL:	URL of the external authentication server.
Enabled:	Status of VoiceView Express on the local system.
Idle Timeout:	Number of minutes a VoiceView Express session can be idle before the system terminates the session.

Related Commands

Command	Description
enable (VoiceView Express)	Enables the VoiceView Express feature.
fallback-url (Cisco Unified Communications Manager Express Only)	Configures a fallback authentication server.
service phone-authentication	Enters VoiceView Express phone authentication mode.

Command	Description
service voiceview	Enters VoiceView Express configuration mode.
service voiceview session terminate	Terminates an active VoiceView Express session.
session idletimeout (VoiceView Express)	Specifies the VoiceView Express session idletimeout value.
show phone-authentication configuration	Displays the VoiceView Express phone authentication parameters.
show voiceview sessions	Displays all active VoiceView Express sessions.

show voiceview sessions

To display a list of all active VoiceView Express sessions, use the **show voiceview sessions** command in Cisco Unity Express EXEC mode.

> **show voiceview sessions**

Syntax Description   This command has no arguments or keywords.

Command Modes   Cisco Unity Express EXEC

Command History

Cisco Unity Express Version	Modification
2.3	This command was introduced.
3.0	This command was implemented on the advanced integration module (AIM).

Usage Guidelines   This command is not available on the AIM in version 2.3 and earlier.

If the subscriber is logged into VoiceView Express and has active RTP streams, such as listening to a message or recording a message, the RTP column displays "Yes."

If the subscriber is logged into VoiceView Express but has no RTP streams, such as browsing through messages or configuring some parameter, the RTP column displays "No."

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

```
se-10-0-0-0# show voiceview sessions

Mailbox     RTP     User ID     Phone MAC Address
1013        Yes     user1       0015.C68E.6C1E
1016        No      user2       0015.629F.8709
1004        Yes     user3       000C.30DE.5EA8

3 sessions
2 active RTP stream(s)
```

Table 105 describes the significant fields shown in the display.

Table 105   show voiceview sessions Field Descriptions

Field	Description
Mailbox	Mailbox number for each logged-in subscriber.
RTP	Status of RTP streaming for the subscriber.
User ID	ID of the subscriber.
Phone MAC Address	MAC address of the subscriber's configured VoiceView Express device.

Related Commands	Command	Description
	enable (VoiceView Express)	Enables the VoiceView Express feature.
	fallback-url (Cisco Unified Communications Manager Express Only)	Configures a fallback authentication server.
	service phone-authentication	Enters VoiceView Express phone authentication mode.
	service voiceview	Enters VoiceView Express configuration mode.
	service voiceview session terminate	Terminates an active VoiceView Express session.
	session idletimeout (VoiceView Express)	Specifies the VoiceView Express session idletimeout value.
	show phone-authentication configuration	Displays the VoiceView Express phone authentication parameters.
	show voiceview configuration	Displays all VoiceView Express configuration parameters.

show web session security

To display the security key for accessing the Cisco Unity Express GUI using HTTPS, use the **show web session security** command in Cisco Unity Express EXEC mode.

show web session security keylabel

Syntax Description

| keylabel | The certificate-key pair to the HTTPS connection. |

Command Modes Cisco Unity Express EXEC

Command History

Cisco Unity Express Version	Modification
3.2	This command was introduced.

Examples The following is sample output for the **show web session security** command:

```
se-10-0-0-0# show web session security keylabel
Key Label is mainkey.ourcompany
```

Related Commands

Command	Description
crypto key generate	Generates a certificate-private key pair.
web session security	Associates a security key for accessing the Cisco Unity Express GUI using HTTPS.

show webapp–IVR Only

To display and monitor the currently configured Cisco Unity Express IVR web applications, use the **show webapp** command in Cisco Unity Express IVR user EXEC mode.

show webapp

Syntax Description   This command has no arguments or keywords.

Command Modes   Cisco Unity Express IVR user EXEC

Command History

Cisco Unity Express Version	Modification
3.0	This command was introduced.

Usage Guidelines   Until the first call that matches an application trigger reference is received, the initial status of the deployed web application is shown as *running*, and the number of sessions is *0*. After the initial deployment, the session count increments by 1 for each triggered call received, and decrements by 1 for each triggered call terminated. Sessions persist for a short period of time after the call is terminated, so the session count lags the real-time call termination for a short period.

Examples   The following example output from the **show webapp** command shows output for all web applications:

```
se-10-0-0-0> show webapp
Webapp      Status  #Sessions
Webapp1     running     2
Webapp2     stopped     0
```

The output displays the name, status (*running* or *stopped*), and number of connected sessions of the web application.

Related Commands

Command	Description
webapp delete–IVR Only	Deploys and manages Cisco Unity Express IVR web applications.

shutdown

To turn off the Cisco Unity Express system, use the **shutdown** command in Cisco Unity Express EXEC mode.

shutdown

⚠️

Caution Always shut down the module before power-cycling the router to prevent file corruption and data loss.

Syntax Description This command has no arguments or keywords.

Command Modes Cisco Unity Express EXEC

Command History

Cisco Unity Express Version	Modification
1.0	This command was introduced on the Cisco Unity Express network module (NM) and in Cisco Unified Communications Manager Express 3.0.
1.1	This command was implemented on the advanced integration module (AIM) and in Cisco Unified Communications Manager 3.3(3).
1.1.2	This command was implemented on the Cisco 2800 series and Cisco 3800 series routers.

Usage Guidelines Use this command to shut down the Cisco Unity Express AIM or NM.

⚠️

Caution The shutdown is immediate. The software does not ask for confirmation.

Examples The following example shows the shutdown of a CUE network module:

```
se-10-10-0-0# shutdown
se-10-10-0-0#
MONITOR SHUTDOWN...
EXITED: probe exit status 0
EXITED: LDAP_startup.sh exit status 0
EXITED: HTTP_startup.sh exit status 0

MONITOR EXIT...
Remounting device 03:01 ... OK
Done.
System halted.
```

Related Commands	Command	Description
	reload	Starts the Cisco Unity Express system.

site name

To create a site, use the **site name** command in Cisco Unity Express configuration mode. Use the **no** form of the command to delete a site.

site name *sitename*

no site name *sitename*

Syntax Description	*sitename*	Hostname of the local site to configure.

Defaults   None.

Command Modes   Cisco Unity Express configuration

Command History

Cisco Unity Express Version	Modification
3.2	This command now affects the configuration of the Web username and Web password of the local site.

Usage Guidelines   The site name syntax is the same as the username and can contain letters, numbers, hyphen, and dots, with a maximum of 32 characters. There is a predefined site called "local" on the system that represents the central Cisco Unified CME site. The local site cannot be deleted.

Examples   The following example creates a site called site1:

```
se-10-0-0-0# config t
se-10-0-0-0(config)# site name site1
```

Related Commands

Command	Description
description (site)	Configures a description for a specific site.
web username password (site)	Configures the Web username and Web password for a site.
web credentials hidden (site)	Configures the Web hidden credentials for a site
xml username password (site)	Configures the XML username and password for a site.
xml credentials hidden (site)	Configures the XML hidden credentials for a site

smtp server address

To configure an SMTP server address on Cisco Unity Express, use the **smtp server address** command in Cisco Unity Express configuration mode. To remove the SMTP server from Cisco Unity Express, use the **no** form of this command.

> **smtp server address** {*hostname* | *ip-address*} [**port** *port*] **authentication** {**none** | **username** *userid* **password** *password* | **credentials** *credential-string*}

> **no smtp server address** {*hostname* | *ip-address*}

Syntax Description

hostname	Hostname of the SMTP server.
ip-address	IP address of the SMTP server.
port *port*	Optionally specifies a port number for the SMTP server. The default port number is 25.
authentication	Sets the authentication for the SMTP server address.
none	Indicates that the SMTP server does not require authentication.
username *userid*	Authentication user ID of the SMTP server.
password *password*	Authentication password of the SMTP server.
credentials *credential-string*	Authentication credential string for the SMTP server. Copy and paste this string from the running or startup configuration.

Defaults   SMTP server is not configured.

Command Modes   Cisco Unity Express configuration

Command History

Cisco Unity Express Version	Modification
2.3	This command was introduced.

Usage Guidelines   Sending notifications to a subscriber's e-mail or text messages to text pagers requires an SMTP server. If the administrator tries to enable message notification on a system-wide basis and no SMTP server is configured, the system generates an error message.

If the administrator tries to use a hostname for the SMTP server and the DNS server is not configured, the system generates an error message.

The range of valid values for the port number is between 1 and 65535. The default port number is 25. You can remove a port setting by entering the **smtp server address** command with the **port** keyword.

Examples   The following example configures the SMTP server with IP address 10.10.5.5 that does not require authentication.

```
se-10-0-0-0# config t
se-10-0-0-0(config)# smtp server address 10.10.5.5 authentication none
```

The following example configures the SMTP server mainsmtp that requires user ID server1 and password pwd123 for authentication.

```
se-10-0-0-0# config t
se-10-0-0-0(config)# smtp server address mainsmtp authentication username server1 password
pwd123
```

The following example configures the SMTP server with IP address 172.16.1.1 and requires credentials for authentication.

```
se-10-0-0-0# config t
se-10-0-0-0(config)# smtp server address 172.16.1.1 authentication credentials
```

Related Commands

Command	Description
show smtp server	Displays the SMTP server configuration.
smtp server security	Configures the security settings for the SMTP server.

smtp server security

To configure the security settings for the SMTP server, use the **smtp server security** command in Cisco Unity Express configuration mode. To remove the security settings, use the **no** form of this command.

smtp server security {**ssl** | **starttls**}

no smtp server security {**ssl** | **starttls**}

Syntax Description		
ssl	Specifies that Secure Socket Layer (SSL) is enabled.	
starttls	Specifies that STARTTLS is enabled.	

Command Default   Security settings for the SMTP server are not enabled.

Command Modes   Cisco Unity Express configuration

Command History

Cisco Unity Express Release	Modification
8.6	This command was introduced.

Usage Guidelines   If you configure this command, then you must configure the port number for the **smtp server address** command as follows:

- SSL—port 465
- STARTTLS—port 587

Examples   The following example configures the SMTP server security settings to use SSL:

```
se-10-0-0-0# config t
se-10-0-0-0(config)# smtp server security ssl
se-10-0-0-0(config)# smtp server address 10.10.5.5 port 465
```

Related Commands

Command	Description
show smtp server	Displays the SMTP server configuration.
smtp server address	Configures an SMTP server address on Cisco Unity Express.

snmp-server community

To enable SNMP and set the community string, use the **snmp-server community** command in Cisco Unity Express configuration mode. To remove the community string, use the **no** form of this command.

> **snmp-server community** *community-string* {**ro**| **rw**}

> **no snmp-server community** *community-string* {**ro**| **rw**}

Syntax Description		
community-string	String that acts as a password and permits access to the SNMP protocol. Maximum length is 15 alphanumeric characters, including letters A to Z, letters a to z, digits 0 to 9, underscore (_), and hyphen (-). The password does not have to begin with a letter.	
ro	Specifies read-only access.	
rw	Specifies read-write access.	

Defaults No community strings are defined.

Command Modes Cisco Unity Express configuration

Command History	Cisco Unity Express Release	Modification
	2.2	This command was introduced on the Cisco Unity Express NM-CUE, AIM-CUE, and NM-CUE-EC.

Usage Guidelines The system supports a maximum of 5 read-only community strings and 5 read-write community strings.

The **no snmp-server community** command disables SNMP.

Examples The following example enables SNMP and defines two read-only and four read-write community strings.

```
se-10-0-0-0# config t
se-10-0-0-0(config)# snmp-server community nycaccess ro
se-10-0-0-0(config)# snmp-server community sjca_access ro
se-10-0-0-0(config)# snmp-server community nycadmin rw
se-10-0-0-0(config)# snmp-server community sj_admin rw
se-10-0-0-0(config)# snmp-server community texas_admin rw
se-10-0-0-0(config)# snmp-server community admin_main% rw
se-10-0-0-0(config)# end
```

The following example removes two strings:

```
se-10-0-0-0# config t
se-10-0-0-0(config)# no snmp-server community sjca_access ro
se-10-0-0-0(config)# no snmp-server community sj_admin rw
se-10-0-0-0(config)# end
```

Related Commands	Command	Description
	show snmp configuration	Displays the SNMP configuration.
	snmp-server contact	Specifies SNMP contact information.
	snmp-server enable traps	Enables SNMP traps.
	snmp-server host	Specifies up to 5 SNMP hosts.
	snmp-server location	Specifies SNMP host location information.

snmp-server contact

To enter contact information for the SNMP host, which is then stored in the CISCO-UNITY-EXPRESS-MID, use the **snmp-server contact** command in Cisco Unity Express configuration mode. To remove the sysContact string, use the **no** form of this command.

snmp-server contact "*contact-string***"**

no snmp-server contact "*contact-string***"**

Syntax Description

"*contact-string***"**	String that describes the system contact information. Maximum length is 31 alphanumeric characters.

Defaults No contact string is defined.

Command Modes Cisco Unity Express configuration

Command History

Cisco Unity Express Release	Modification
2.2	This command was introduced on the Cisco Unity Express NM-CUE, AIM-CUE, and NM-CUE-EC.

Usage Guidelines This command is optional.

The string must be entered within double quotes (" ").

The *contact-string* value sets the sysContact string in the CISCO-UNITY-EXPRESS-MIB.

Examples The following example defines the sysContact string.

```
se-10-0-0-0# config t
se-10-0-0-0(config)# snmp-server contact "Dial System Operator at ext 75555"
se-10-0-0-0(config)# end
```

Related Commands

Command	Description
show snmp configuration	Displays the SNMP configuration.
snmp-server community	Enables SNMP and sets community strings.
snmp-server enable traps	Enables SNMP traps.
snmp-server host	Specifies up to 5 SNMP hosts.
snmp-server location	Specifies SNMP host location information.

snmp-server enable cueShutdownRequest

To enable SNMP shutdown requests, use the **snmp-server enable cueShutdownRequest** command in Cisco Unity Express configuration mode. To disable the shutdown requests, use the **no** form of this command.

> **snmp-server enable cueShutdownRequest**

> **no snmp-server enable cueShutdownRequest**

Syntax Description   This command has no arguments or keywords.

Defaults   System shutdown is disabled.

Command Modes   Cisco Unity Express configuration

Command History

Cisco Unity Express Release	Modification
2.2	This command was introduced on the Cisco Unity Express NM-CUE, AIM-CUE, and NM-CUE-EC.

Usage Guidelines   Enabling shutdown requests allows the Cisco Unity Express module to be gracefully halted. For example, suppose an uninterruptible power supply (UPS) sends a power out alert to the Cisco Unity Express management application. The management application would send an SNMP shutdown request to bring down the Cisco Unity Express module while power is still supplied from the UPS.

For security reasons, the shutdown capability is disabled by default.

To reset the Cisco Unity Express module, use the **service-module service-engine** *slot*/*port* **reset** command on the router housing the module.

Examples   The following example enables the system shutdown capability.

```
se-10-0-0-0# config t
se-10-0-0-0(config)# snmp-server enable cueShutdownRequest
se-10-0-0-0(config)# end
```

Related Commands

Command	Description
show snmp configuration	Displays the SNMP configuration.
snmp-server community	Enables SNMP and sets community strings.
snmp-server contact	Specifies SNMP contact information.
snmp-server host	Specifies up to 5 SNMP hosts.
snmp-server location	Specifies SNMP host location information.

snmp-server enable traps

To enable SNMP traps, use the **snmp-server enable traps** command in Cisco Unity Express configuration mode. To disable the SNMP traps, use the **no** form of this command.

snmp-server enable traps

no snmp-server enable traps

Syntax Description   This command has no arguments or keywords.

Defaults   System traps are disabled.

Command Modes   Cisco Unity Express configuration

Command History

Cisco Unity Express Release	Modification
2.2	This command was introduced on the Cisco Unity Express NM-CUE, AIM-CUE, and NM-CUE-EC.

Usage Guidelines   The **snmp-server enable traps** command configures the Cisco Unity Express module to send all types of SNMP notifications to all enabled SNMP hosts. If you do not enter an **snmp-server enable traps** command, no notifications are sent.

Use the **snmp-server enable traps** command in conjunction with the **snmp-server host** command, which specifies a maximum of 5 hosts that receive the SNMP notifications. If no host is defined, the system discards the notifications.

Examples   The following example enables SNMP traps and specifies the SNMP host.

```
se-10-0-0-0# config t
se-10-0-0-0(config)# snmp-server enable traps
se-10-0-0-0(config)# snmp-server host 172.19.162.40 snmpadmin
se-10-0-0-0(config)# end
```

Related Commands

Command	Description
show snmp configuration	Displays the SNMP configuration.
snmp-server community	Enables SNMP and sets community strings.
snmp-server contact	Specifies SNMP contact information.
snmp-server host	Specifies up to 5 SNMP hosts.
snmp-server location	Specifies SNMP host location information.

snmp-server host

To specify at least one server to receive SNMP notifications, use the **snmp-server host** command in Cisco Unity Express configuration mode. To remove the specified host, use the **no** form of this command.

snmp-server host *host-ipaddress community-string*

no snmp-server host *host-ipaddress*

Syntax Description	*host-ipaddress*	IP address of the host receiving the SNMP notifications. A maximum of 5 hosts can be specified.
	community-string	Password string sent with the notification operation. This string was set with the **snmp-server community** command.

Defaults   No host is enabled.

Command Modes   Cisco Unity Express configuration

Command History	Cisco Unity Express Release	Modification
	2.2	This command was introduced on the Cisco Unity Express NM-CUE, AIM-CUE, and NM-CUE-EC.

Usage Guidelines   Use the **snmp-server host** command at least once to enable a host to receive all SNMP notifications. If no host is specified, the system discards the notifications.

Use separate **snmp-server host** commands for each host that receives SNMP notifications. If you issue a subsequent **snmp-server host** command for an existing host, the second command overwrites the first command.

No host is considered a primary host. The system sends the SNMP notifications to all enabled hosts.

Use the **snmp-server host** command in conjunction with the **snmp-server enable traps** command, which enables SNMP traps and sends the notifications to all hosts.

Examples   The following example enables SNMP traps and specifies two SNMP hosts.

```
se-10-0-0-0# config t
se-10-0-0-0(config)# snmp-server enable traps
se-10-0-0-0(config)# snmp-server host 172.16.40.103 sjca_access
se-10-0-0-0(config)# snmp-server host 172.16.10.5 nycaccess
se-10-0-0-0(config)# end
```

Related Commands

Command	Description
show snmp configuration	Displays the SNMP configuration.
snmp-server community	Enables SNMP and sets community strings.
snmp-server contact	Specifies SNMP contact information.
snmp-server enable traps	Enables SNMP traps.
snmp-server location	Specifies SNMP host location information.

snmp-server location

To enter a location description for the SNMP host, use the **snmp-server location** command in Cisco Unity Express configuration mode. To remove the sysLocation string, use the **no** form of this command.

> **snmp-server location "***location-string***"**

> **no snmp-server location "***location-string***"**

Syntax Description	**"***location-string***"**	String that describes the system location information. Maximum length is 31 alphanumeric characters.

Defaults   No location is defined.

Command Modes   Cisco Unity Express configuration

Command History	**Cisco Unity Express Release**	**Modification**
	2.2	This command was introduced on the Cisco Unity Express NM-CUE, AIM-CUE, and NM-CUE-EC.

Usage Guidelines   This command is optional.

The string must be entered within double quotes (" ").

The *location-string* value sets the sysLocation string in the CISCO-UNITY-EXPRESS-MIB.

Examples   The following example specifies the sysLocation string.

```
se-10-0-0-0# config t
se-10-0-0-0(config)# snmp-server location "Main St, San Jose CA"
se-10-0-0-0(config)# end
```

Related Commands	**Command**	**Description**
	show snmp configuration	Displays the SNMP configuration.
	snmp-server community	Enables SNMP and sets community strings.
	snmp-server contact	Specifies SNMP contact information.
	snmp-server enable traps	Enables SNMP traps.
	snmp-server host	Specifies up to 5 SNMP hosts.

software download abort

To abort a download that is in progress, use the **software download abort** command in Cisco Unity Express EXEC mode.

> **software download abort**

Syntax Description   This command has no arguments or keywords.

Command Modes   Cisco Unity Express EXEC

Command History

Cisco Unity Express Version	Modification
2.0	This command was introduced.

Examples   The following is an example of aborting an existing download:

```
se-10-0-0-0# software download abort
Download request aborted.
```

Related Commands

Command	Description
software download clean	Downloads a complete package to install later.
software download status	Reports the status of a download in progress.
software download upgrade	Downloads an upgrade package to install later.

software download clean

To download software packages for installing later, use the **software download clean** command in Cisco Unity Express EXEC mode.

software download clean {*package-file-name* **| url ftp://***ftp-server-ip-address*/*package-file-name}*

Syntax Description	package-file-name	Name of the package file for the new software.
	url ftp://*ftp-server-ip-address*	URL of the FTP server.

Command Modes	Cisco Unity Express EXEC

Command History	Cisco Unity Express Version	Modification
	2.0	This command was introduced.

Examples   The following is an example of downloading a software package to install later where the FTP server information has been set in the CUE configuration.

```
se-172-16-0-0# software download clean cue-vm.2.0.1.pkg
```

The following is an example of downloading a software package to install later where the FTP server information is included on the command line.

```
se-10-16-0-0# software download clean url ftp://10.16.0.2/cue-vm.2.0.1.pkg

WARNING:: This command will download the necessary software to
WARNING:: complete a clean install.  It is recommended that a backup be done
WARNING:: before installing software.

Would you like to continue? [n] y

Downloading  cue-vm.2.0.1.pkg
Bytes downloaded :  63648

Validating package signature ... done

Downloading  cue-vm-lang-pack.2.0.1.pkg
Bytes downloaded :  126048

Validating package signature ... done
Language Selection Menu:

# Selected  SKU    Language Name
-----------------------------------------
 1          PTB    CUE Voicemail Brazilian Portuguese (2.3.0)
 2          ENG    CUE Voicemail British English (2.3.0)
 3          FRC    CUE Voicemail Canadian French (2.3.2)
 4          DAN    CUE Voicemail Danish (2.3.0)
 5          FRA    CUE Voicemail European French (2.3.0)
 6          ESP    CUE Voicemail European Spanish (2.3.0)
 7          DEU    CUE Voicemail German (2.3.0)
 8          ITA    CUE Voicemail Italian (2.3.0)
```

```
9           ESO   CUE Voicemail Latin American Spanish (2.3.0)
10          ESM   CUE Voicemail Mexican Spanish (2.3.2)
11          ENG   CUE Voicemail US English (2.3.0)


Available commands are:
# - enter the number for the language to select one
r # - remove the language for given #
i # - more information about the language for given #
x - Done with language selection

> 5
Language Selection Menu:

# Selected  SKU   Language Name
-----------------------------------------
1           PTB   CUE Voicemail Brazilian Portuguese (2.3.0)
2           ENG   CUE Voicemail British English (2.3.0)
3           FRC   CUE Voicemail Canadian French (2.3.2)
4           DAN   CUE Voicemail Danish (2.3.0)
5    *      FRA   CUE Voicemail European French (2.3.0)
6           ESP   CUE Voicemail European Spanish (2.3.0)
7           DEU   CUE Voicemail German (2.3.0)
8           ITA   CUE Voicemail Italian (2.3.0)
9           ESO   CUE Voicemail Latin American Spanish (2.3.0)
10          ESM   CUE Voicemail Mexican Spanish (2.3.2)
11          ENG   CUE Voicemail US English (2.3.0)


Available commands are:
# - enter the number for the language to select one
r # - remove the language for given #
i # - more information about the language for given #
x - Done with language selection

> x
[17488 refs]
se-10-0-0-0#
```

The following is an example of using the **software download status** command to check on the download progress.

```
se-172-16-0-0# software download status

Download request in progress.
downloading file : cue-vm.2.0.prt1
bytes downloaded : 5536224
```

Related Commands	Command	Description
	software download abort	Aborts a download that is in progress.
	software download status	Reports the status of a download in progress.
	software download upgrade	Downloads an upgrade package to install later.

software download server

To configure the FTP server address on the Cisco Unity Express module, use the **software download server** command in Cisco Unity Express configuration mode.

> **software download server url ftp://***server-ip-address***[/***dir***] [username** *username*
> **password** *password* **| credentials hidden** *credentials***]**

Syntax Description

url ftp://*server-ip-address*	IP address of the FTP server.
/dir	(Optional) The FTP directory on the server.
username *username*	(Optional) Specifies the FTP username. If this option is not used, the default is "anonymous".
password *password*	(Optional) Specifies the FTP password.
credentials hidden *credentials*	(Optional) Specifies the encrypted username and password value.

Command Modes   Cisco Unity Express configuration

Command History

Cisco Unity Express Version	Modification
2.0	This command was introduced.

Examples   The following is an example of setting the server information with just a root directory.

```
se-10-16-0-0(config)# software download server url ftp://10.19.0.0/
```

The following is an example of setting the server information with a directory different than the root directory.

```
se-10-16-0-0(config)# software download server url ftp://10.19.0.0/ftp_dir
```

The following is an example of setting the server information with a username and password.

```
se-10-16-0-0(config)# software download server url ftp://10.19.0.0/ftp_dir username
ftpuser password ftppassword
```

The following is an example of setting the server information with an encrypted credentials string.

```
se-10-16-0-0(config)# software download server url ftp://10.19.0.0/ftp_dir credentials
hidden
+EdgXXrwvTekoNCDGbGiEnfGWTYHfmPSd8ZZNgd+Y9J3xlk2B35j0nGWTYHfmPSd8ZZNgd+Y9J3xlk2B35jwAAAAA=
```

Related Commands

Command	Description
show software	Displays the FTP server information.

software download status

To display the progress of a software download, use the **software download status** command in Cisco Unity Express EXEC mode.

software download status

Syntax Description

This command has no arguments or keywords.

Command Modes

Cisco Unity Express EXEC

Command History

Cisco Unity Express Version	Modification
2.0	This command was introduced.

Examples

The following is an example a download in progress:

```
se-10-0-0-0# software download status

Download request in progress.
downloading file : cue-vm.2.0.1.prt1
bytes downloaded : 5536224

se-10-0-0-0# software download status

Download request completed successfully.
```

Related Commands

Command	Description
software download abort	Aborts a download that is in progress.
software download clean	Downloads a complete package to install later.
software download upgrade	Downloads an upgrade package to install later.

software download upgrade

To download software for a later upgrade, use the **software download upgrade** command in Cisco Unity Express EXEC mode.

software download upgrade {*package-filename* |
    url ftp://*ftp-server-ip-address*[*/dir*]*/package-filename*} [**username** *username* **password** *password*]

Syntax Description

package-filename	Name of the package file for the new software.
url ftp://*ftp-server-ip-address*	URL of the FTP server.
/dir	(Optional) Directory other than the default.
username *username*	(Optional) Username for the FTP server.
password *password*	(Optional) Password for the FTP server.

Command Modes   Cisco Unity Express EXEC

Command History

Cisco Unity Express Version	Modification
2.0	This command was introduced.

Usage Guidelines   Use this command to download files for a future upgrade.

> ✎
>
> **Note**   Only certain versions of CUE software support an upgrade or downgrade. Check the *Release Notes for Cisco Unity Express* for the specific version to see if an upgrade or downgrade is supported. You cannot downgrade below CUE 2.0.

Examples   The following is an example of downloading a software package to upgrade later where the FTP server information has been set in the CUE configuration.

```
se-10-0-0-0# software download upgrade cue-vm.2.1.pkg
```

The following is an example of downloading a software package to upgrade later where the FTP server information is included on the command line. The username and password could also be included in this command.

```
se-10-0-0-0# software download upgrade url ftp://10.16.0.1/cue-vm.2.1.pkg

WARNING:: This command will download the necessary software to
WARNING:: complete an upgrade.  It is recommended that a backup be done
WARNING:: before installing software.

Would you like to continue? [n] y
url_host :10.16.0.1
url_user :null
url_uname :anonymous
```

```
url_psword :anonymous
url_proto :ftp
url_path :/
url_fname :cue-vm.2.0.0.12.pkg
url_url :ftp://10.16.0.1/

Downloading  cue-vm.2.1.pkg
Bytes downloaded :  63648

Validating package signature ... done
Validating installed manifests ..........complete.
[17497 refs]
```

Note When you download the software, there are no other prompts for subscriber input. The software package is downloaded to the CUE network module.

The following is an example of using the **software download status** command to check on the download progress.

```
se-10-0-0-0# software download status

Download request in progress.
downloading file : cue-vm.2.1.prt1
bytes downloaded : 5536224

se-10-0-0-0# software download status

Download request completed successfully.
```

The following example shows how to verify the download success using the **show software directory download** command.

```
se-10-10-0-0# show software directory download

KBytes  Directory
0       /dwnld/pkgdata

Directory listings


Directory: /dwnld/pkgdata

total 0
drwxrwxr-x    2 root     daemon           48 Sep 15  2005 .
drwxrwxr-x    4 root     daemon          200 Sep 15  2005 ..
```

Related Commands	Command	Description
	software download abort	Aborts a download that is in progress.
	software download status	Reports the status of a download in progress.
	show software directory	Displays directory information for software downloads and downgrades.

■ software install clean

software install clean

To install a new version of CUE software, use the **software install clean** command in Cisco Unity Express EXEC mode.

> **software install clean** {*package-filename* | **url ftp://***ftp-server-ip-address***/***package-filename*}

Syntax Description

package-filename	Name of the package file for the new software.
url ftp://*ftp-server-ip-address***/**	URL of the FTP server.

Command Modes   Cisco Unity Express EXEC

Command History

Cisco Unity Express Version	Modification
2.0	This command was introduced.

Usage Guidelines   Use this command to download files for a new install.

> ✎
>
> **Note**   This command cleans the disk. All configuration and voice messages will be lost after this step. For future upgrades and installations, verify that a backup has been done. If it has not, abort at this step and do a backup first.

Examples   The following is an example of the command to install a new version of CUE software where the FTP server information has been set in the CUE configuration.

```
se-10-16-0-0# software install clean cue-vm.2.0.pkg
```

The following is an example of installing a new version of CUE software where the FTP server information is included on the command line.

```
se-10-16-0-0# software install clean url ftp://10.16.0.1/cue-vm.2.0.pkg

WARNING:: This command will install the necessary software to
WARNING:: complete a clean install. It is recommended that a backup be done
WARNING:: before installing software.
Would you like to continue? [n] y

Language Selection Menu:
# Selected  SKU    Language Name
-----------------------------------------
 1          PTB    CUE Voicemail Brazilian Portuguese (2.3.0)
 2          ENG    CUE Voicemail British English (2.3.0)
 3          FRC    CUE Voicemail Canadian French (2.3.2)
 4          DAN    CUE Voicemail Danish (2.3.0)
 5          FRA    CUE Voicemail European French (2.3.0)
 6          ESP    CUE Voicemail European Spanish (2.3.0)
 7          DEU    CUE Voicemail German (2.3.0)
 8          ITA    CUE Voicemail Italian (2.3.0)
 9          ESO    CUE Voicemail Latin American Spanish (2.3.0)
```

```
 10          ESM   CUE Voicemail Mexican Spanish (2.3.2)
 11          ENG   CUE Voicemail US English (2.3.0)
Available commands are:
# - enter the number for the language to select one
r # - remove the language for given #
i # - more information about the language for given #
x - Done with language selection
>5
Language Selection Menu:
# Selected  SKU   Language Name
-------------------------------------------
 1           PTB   CUE Voicemail Brazilian Portuguese (2.3.0)
 2           ENG   CUE Voicemail British English (2.3.0)
 3           FRC   CUE Voicemail Canadian French (2.3.2)
 4           DAN   CUE Voicemail Danish (2.3.0)
 5    *      FRA   CUE Voicemail European French (2.3.0)
 6           ESP   CUE Voicemail European Spanish (2.3.0)
 7           DEU   CUE Voicemail German (2.3.0)
 8           ITA   CUE Voicemail Italian (2.3.0)
 9           ESO   CUE Voicemail Latin American Spanish (2.3.0)
 10          ESM   CUE Voicemail Mexican Spanish (2.3.2)
 11          ENG   CUE Voicemail US English (2.3.0)
Available commands are:
# - enter the number for the language to select one
r # - remove the language for given #
i # - more information about the language for given #
x - Done with language selection
>x
```

At this point the new software will load from the FTP server and the system will restart.

```
.
.
.
IMPORTANT::
IMPORTANT:: Welcome to Cisco Systems Service Engine
IMPORTANT:: post installation configuration tool.
IMPORTANT::
IMPORTANT:: This is a one time process which will guide
IMPORTANT:: you through initial setup of your Service Engine.
IMPORTANT:: Once run, this process will have configured
IMPORTANT:: the system for your location.
IMPORTANT::
IMPORTANT:: If you do not wish to continue, the system will be halted
IMPORTANT:: so it can be safely removed from the router.
IMPORTANT::
Do you wish to start configuration now (y,n)? y

IMPORTANT::
IMPORTANT:: A Cisco Unity Express configuration has been found
IMPORTANT:: You can choose to restore this configuration into
IMPORTANT:: current image.
IMPORTANT::
IMPORTANT:: A stored configuration contains some of the data
IMPORTANT:: previous installation, but not as much as a backup.
IMPORTANT:: example: voice messages, user passwords, user PINs,
IMPORTANT:: auto attendant scripts are included in a backup,
IMPORTANT:: not saved with the configuration.
IMPORTANT::
IMPORTANT:: If you are recovering from a disaster and do not
IMPORTANT:: backup, you can restore the saved configuration.
IMPORTANT::
IMPORTANT:: If you are going to restore a backup from a previous
IMPORTANT:: installation, you should not restore the saved
```

Cisco Unity Express Command Reference for 3.0 and Later Versions

■ **software install clean**

```
IMPORTANT::
IMPORTANT:: If you choose not to restore the saved configuration,
IMPORTANT:: will be erased from flash.
IMPORTANT::
Would you like to restore the saved configuration? (y,n)y

IMPORTANT::
IMPORTANT:: Administrator Account Creation
IMPORTANT::
IMPORTANT:: Create an administrator account. With this account,
IMPORTANT:: you can log in to the Cisco Unity Express GUI and
IMPORTANT:: run the initialization wizard.
IMPORTANT::
Enter administrator user ID:
(user ID): Admin
Enter password for admin:
(password): ******
Confirm password for admin by reentering it:
(password): ******
SYSTEM ONLINE
```

Related Commands	Command	Description
	software download abort	Aborts a download that is in progress.
	software download status	Reports the status of a download in progress.
	software download upgrade	Downloads an upgrade package to install later.
	software install downgrade	Downgrades the current Cisco Unity Express software to a previous version.
	software install upgrade	Upgrades the current Cisco Unity Express software to a newer version.

software install downgrade

To downgrade to a previously installed version of CUE software, use the **software install downgrade** command in Cisco Unity Express EXEC mode.

> **software install downgrade**

Syntax Description   This command has no arguments or keywords.

Command Modes   Cisco Unity Express EXEC

Command History

Cisco Unity Express Version	Modification
2.0	This command was introduced.

Usage Guidelines   Use this command to downgrade to the previous version of CUE software. The package information has already been saved on the CUE module from the previous upgrade. No FTP information is necessary.

Note   Only certain versions of CUE software support an upgrade or downgrade. Check the *Release Notes for Cisco Unity Express* for the specific version to see if an upgrade or downgrade is supported. You cannot downgrade below CUE 2.0.

Examples   The following is an example of the command to downgrade to the previous version of CUE software.

```
se-172-16-0-0# software install downgrade
```

The following example shows how to verify the downgrade success using the **show software directory downgrade** command.

```
se-10-10-0-0# show software directory downgrade
KBytes  Directory
0       /dwnld/dwngrade

Directory listings


Directory: /dwnld/dwngrade

total 0
drwxrwxrwx    2 root     daemon         48 Sep 15  2005 .
drwxrwxr-x    4 root     daemon        200 Sep 15  2005 ..
```

Related Commands	Command	Description
	show software directory	Displays directory information for software downloads and downgrades.
	software install clean	Installs a new version of the Cisco Unity Express software.
	software install upgrade	Upgrades the current Cisco Unity Express software to a newer version.

software install upgrade

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

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

Syntax Description	

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

Command Modes   Cisco Unity Express EXEC

Command History

Cisco Unity Express Version	Modification
2.0	This command was introduced.

Usage Guidelines   Use this command to upgrade to a newer version of Cisco Unity Express software.

✎

Note   Only certain versions of Cisco Unity Express software support an upgrade or downgrade. Check the *Release Notes for Cisco Unity Express* for the specific version to see if an upgrade or downgrade is supported. You cannot downgrade below Cisco Unity Express 2.0.

Examples   The following is an example of the command to upgrade to a newer version of CUE software.

```
se-10-16-0-0# software install upgrade url ftp://10.16.0.1/cue-vm.2.0.2.pkg
```

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

```
se-10-16-0-0# software install upgrade pkg cue-vm.2.0.2.pkg
```

Related Commands

Command	Description
software download server	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 Unity Express software.
software install downgrade	Downgrades the current Cisco Unity Express software to an older version.

software remove

To remove software installed during a download or upgrade, use the **software remove** command in Cisco Unity Express EXEC mode.

software remove {all | downgradefiles | downloadfiles}

Syntax Description		
	all	Removes both the downgrade and the download files.
	downgradefiles	Removes the downgrade files.
	downloadfiles	Removes the download files.

Command Modes　　Cisco Unity Express EXEC

Command History	Cisco Unity Express Version	Modification
	2.0	This command was introduced.

Examples　　The following is an example the **software remove** command:

```
se-172-19-0-0# software remove all

Download files removed
Downgrade files removed

se-172-19-0-0# software remove downgradefiles

Downgrade files removed

se-172-19-0-0# software remove downloadfiles

Download files removed
```

Related Commands	Command	Description
	show software directory	Displays the disk usage for the download and downgrade directories.

S: show restore history to system shutdown (aaa accounting event)

start-date (backup-schedule)

To specify the start date for recurring scheduled backup to occur, use the **start-date** command in Cisco Unity Express scheduled backup configuration mode. Use the **no** or **default** form of this command to remove the configuration of the start date.

start-date *date*

no start-date *date*

Syntax Description	*date*	Specifies the start date for the sequence of recurring scheduled backup jobs. The format is MM/DD/YYYY.

Command Default   Set to the day that a new schedule is created.

Command Modes   Cisco Unity Express scheduled backup configuration (backup-schedule)

Command History	Cisco Unity Express Version	Modification
	7.1	This command was introduced.

Usage Guidelines   The format for the date is month, day, and then year (for example: 05/302010).

Examples   The following example sets the start date to May 30, 2009:

```
se-10-0-0-0# backup schedule job 22
se-10-0-0-0(backup-schedule)# start-date 05/30/2009
```

Related Commands	Command	Description
	backup schedule	Enters commands enters backup-schedule submode.
	show backup schedule detail job	Shows details for the specified recurring scheduled backup job.

start-date (kron-schedule)

To specify the start date for the recurring scheduled kron job to occur, use the **start-date** command in Cisco Unity Express kron-schedule configuration mode. There is no **no** form of this command.

> **start-date** *date*

Syntax Description

date	Specifies the start date for the sequence of recurring scheduled kron jobs. The format is MM/DD/YYYY.

Command Default   Set to the day that a new schedule is created.

Command Modes   Cisco Unity Express kron-schedule configuration

Command History

Cisco Unity Express Version	Modification
8.0	This command was introduced.

Usage Guidelines   The format for the date is month, day, and then year (for example: 05/302010).

Examples   The following example sets the start date to May 27, 2009:

```
se-10-0-0-0# kron-schedule krj1
se-10-0-0-0(kron-schedule)# start-date 05/27/2009
```

Related Commands

Command	Description
description (kron schedule)	Configures a description for the kron job.
kron schedule	Creates a new kron schedule and enters kron-schedule configuration mode.
show kron schedules	Displays a list of kron jobs.
show kron schedule detail job	Displays details of a specific kron job.

stop-date (backup-schedule)

To specify the stop date for recurring scheduled backup to occur, use the **stop-date** command in Cisco Unity Express scheduled backup configuration mode. Use the **no** or **default** form of this command to remove the configuration of the stop date.

stop-date *date*

no stop-date *date*

Syntax Description	*date*	Specifies the end date for the sequence of recurring scheduled backup jobs. The format is MM/DD/YYYY.

Command Default   None.

Command Modes   Cisco Unity Express scheduled backup configuration (backup-schedule)

Command History	Cisco Unity Express Version	Modification
	7.1	This command was introduced.

Usage Guidelines   The format for the date is month, day, and then year (for example: 05/302010).

Examples   The following example sets the end date to May 30, 2009:

```
se-10-0-0-0# schedule job 22
se-10-0-0-0(backup-schedule)# stop-date 05/30/2009
```

Related Commands	Command	Description
	backup schedule	Enters backup-schedule submode.
	show backup schedule detail job	Shows details for the specified recurring scheduled backup job.

stop-date (kron-schedule)

To specify the stop date for recurring scheduled kron jobs to occur, use the **stop-date** command in Cisco Unity Express kron-schedule configuration mode. There is no **no** form of this command.

stop-date *date*

Syntax Description

date	Specifies the stop date for the sequence of recurring scheduled kron jobs. The format is MM/DD/YYYY.

Command Default   None.

Command Modes   Cisco Unity Express kron-schedule configuration

Command History

Cisco Unity Express Version	Modification
8.0	This command was introduced.

Usage Guidelines   The format for the date is month, day, and then year (for example: 05/302010).

Examples   The following example sets the stop date to May 30, 2009:

```
se-10-0-0-0# kron schedule krj1
se-10-0-0-0(kron-schedule)# stop-date 05/30/2009
```

Related Commands

Command	Description
kron schedule	Enters kron-schedule configuration mode.
show backup schedule detail job	Shows details for the specified recurring scheduled kron job.

system language preferred

To configure the system language, use the **system language preferred** command in Cisco Unity Express configuration mode.

system language preferred *xx_YY*

Syntax Description

xx_YY	This is the language code, the first pair of characters in lowercase designating the language and the second pair of languages in uppercase designating the area where the language is spoken.

Command Modes   Cisco Unity Express configuration

Command History

Cisco Unity Express Version	Modification
3.0	This command was introduced in Cisco Unity Express.

Usage Guidelines   Use this command to set the language that the system is to use.

To see a list of available languages, use the **show system language** command.

Examples   The following example first verifies what the current system language is, then changes it from US English to GB English, and finally verifies that the change has been made.

```
se-10-0-0-0# conf
Configuring from terminal or memory [terminal]?
Enter configuration commands, one per line. End with CNTL/Z.
CUE(config)# system language preferred en_GB
Preferred language has been set to: en_GB
```

Related Commands

Command	Description
show system language	Displays the language the system is configured to use and/or a list of the languages available

system-startup (aaa accounting event)

To enable or disable the logging of system startup events, use the **system-startup** command in Cisco Unity Express AAA accounting event configuration mode. Use the **no** form of this command to disable the logging of system startup events. Use the **default** form of this command to restore the default setting (the logging of system startup events is enabled).

system-startup

no system-startup

default system-startup

Syntax Description   This command has no arguments or keywords.

Command Default   The logging of system startup events is enabled.

Command Modes   Cisco Unity Express AAA accounting event configuration (aaa-accounting-event)

Command History

Cisco Unity Express Version	Modification
7.0	This command was introduced.

Usage Guidelines   The log entries for system startup events include information about the system's software version, installed licenses, installed packages, installed languages, and so on.

Examples   The following example disables the logging of system startup events:

```
se-10-0-0-0# config t
se-10-0-0-0(config)# aaa accounting event
se-10-0-0-0(aaa-accounting-event)# no system-startup
```

Related Commands

Command	Description
aaa accounting enable	Enables the recording of AAA accounting events.
aaa accounting event	Enters AAA accounting submode and configures event filtering for accounting packets.
show aaa accounting event	Shows the AAA accounting events that are designated to be logged.

system-shutdown (aaa accounting event)

To enable or disable the logging of system shutdown events, use the **system-shutdown** command in Cisco Unity Express AAA accounting event configuration mode. Use the **no** form of this command to disable the logging of system shutdown events. Use the **default** form of this command to restore the default setting (the logging of system shutdown events is enabled).

system-shutdown

no system-shutdown

default system-shutdown

Syntax Description   This command has no arguments or keywords.

Command Default   The logging of system shutdown events is enabled.

Command Modes   Cisco Unity Express AAA accounting event configuration (aaa-accounting-event)

Command History

Cisco Unity Express Version	Modification
7.0	This command was introduced.

Usage Guidelines   The log entries for system shutdown events are made only when an administrator forces a shutdown or restart of the Cisco Unity Express system.

Examples   The following example disables the logging of system shutdown events:

```
se-10-0-0-0# config t
se-10-0-0-0(config)# aaa accounting event
se-10-0-0-0(aaa-accounting-event)# no system-shutdown
```

Related Commands

Command	Description
aaa accounting enable	Enables the recording of AAA accounting events.
aaa accounting event	Enters AAA accounting submode and configures event filtering for accounting packets.
show aaa accounting event	Shows the AAA accounting events that are designated to be logged.

■ **system-shutdown (aaa accounting event)**