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license activate ivr sessions

To activate the license for IVR sessions, use the **license activate ivr sessions** command in Cisco Unity Express EXEC mode. Using the **no** form of this command sets the usage to zero and disables the feature.

license activate ivr sessions *numeric string*

no license activate ivr sessions *numeric string*

Syntax Description	<i>numeric string</i>	Specifies the number of IVR sessions to be activated. The value must be a value that is less than or equal to the number of IVR sessions supported by this platform, and it must be a multiple of two.
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Command Default	None.
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Command Modes	Cisco Unity Express EXEC
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Command History	Cisco Unity Express Version	Modification
	7.1	This command was introduced.

Usage Guidelines	This command enables you to activate the license for IVR sessions.
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Examples	The following example shows how to activate the license for IVR sessions:
-----------------	---

```
se-10-0-0-0# license activate ivr sessions 4
```

Related Commands	Command	Description
	license activate ports	Activates the license for ports.
	license activate timecardview users	Activates the license for TimeCardView users.
	license activate voicemail mailboxes	Activates the license for mailboxes.
	show license all	Displays a summary of all licenses installed.
	show license detail	Displays the details of the installed license.
	show license status application	Displays the status of the licenses installed.

license activate ports

To activate the license for ports, use the **license activate ports** command in Cisco Unity Express EXEC mode. Using the **no** form of this command sets the usage to zero and disables the feature.

license activate ports *numeric string*

no license activate ports *numeric string*

Syntax Description

<i>numeric string</i>	Specifies the number of ports to be activated. The value must be a value that is less than or equal to the number of ports supported by this platform, and it must be a multiple of two.
-----------------------	--

Command Default

None.

Command Modes

Cisco Unity Express EXEC

Command History

Cisco Unity Express Version	Modification
7.1	This command was introduced.

Usage Guidelines

This command enables you to activate the license for ports.

Examples

The following example shows how to activate the license for ports:

```
se-10-0-0-0# license activate ports 4
```

Related Commands

Command	Description
license activate voicemail mailboxes	Activates the license for mailboxes.
license activate ivr sessions	Activates the license for ivr sessions.
license activate timecardview users	Activates the license for TimeCardView users.
show license all	Displays the summary of all licenses installed.
show license detail	Displays the details of the installed licenses.
show license status application	Displays the status of the licenses installed.

license activate timecardview users

To activate the license for TimeCardView users, use the **license activate timecardview** command in Cisco Unity Express EXEC mode. Using the **no** form of this command sets the usage to zero and disables the feature.

license activate timecardview users *numeric string*

no license activate timecardview users *numeric string*

Syntax Description	<i>numeric string</i>	Specifies the number of TimeCardView users to be activated. The value must be a value that is less than or equal to the number of TimeCardView users supported by this platform.
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Command Default	None.
------------------------	-------

Command Modes	Cisco Unity Express EXEC
----------------------	--------------------------

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

Usage Guidelines	This command enables you to activate the license for TimeCardView users.
-------------------------	--

Examples	The following example shows how to activate the license for TimeCardView users:
-----------------	---

```
se-10-0-0-0# license activate timecardview users 4
```

Related Commands	Command	Description
	license activate ports	Activates the license for ports.
	license activate voicemail mailboxes	Activates the license for mailboxes.
	show license all	Displays a summary of all of the licenses installed.
	show license detail	Displays the details of the installed license.
	show license status application	Displays the status of the licenses installed.

license activate voicemail mailboxes

To activate the license for voicemail mailboxes, use the **license activate voicemail mailboxes** command in Cisco Unity Express EXEC mode. Using the **no** form of this command sets the voicemail mailboxes value to zero and disables the voicemail mailboxes.

license activate voicemail mailboxes *numeric string*

no license activate voicemail mailboxes *numeric string*

Syntax Description

<i>numeric string</i>	Specifies the number of mailboxes to be activated. The value must be a value that is less than or equal to the number of mailboxes supported by this platform, and it must be a multiple of five.
-----------------------	---

Command Default

None.

Command Modes

Cisco Unity Express EXEC

Command History

Cisco Unity Express Version	Modification
7.1	This command was introduced.

Usage Guidelines

This command enables you to activate the license for voicemail mailboxes.

Examples

The following example shows how to activate the license for voicemail mailboxes:

```
se-10-0-0-0# license activate voicemail mailboxes 275
```

Evaluation licenses are being activated in the device for the following feature(s):

Feature Name: VMIVR-VM-MBX

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ACCEPT? [y/n]? **yes**

License activation count saved for use at next reload

Related Commands

Command	Description
license activate ports	Activates the license for ports.
license activate timecardview users	Activates the license for TimeCardView users.
license activate voicemail mailboxes	Activates the license for ivr sessions.
show license all	Displays the summary of all the licenses installed.
show license detail	Displays the details of the installed licenses.
show license status application	Displays the status of the licenses installed.

license agent default authenticate

To configure the default license agent, use the **license agent default authenticate** command in Cisco Unity Express configuration mode. Use the **no** form of this command to remove the configuration.

license agent default authenticate [none]

no license agent default authenticate [none]

Syntax Description	none (Optional) Specifies the authentication.
---------------------------	--

Command Default	None.
------------------------	-------

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

Usage Guidelines	This command starts the default license agent. The authenticate option specifies if the authentication is required. The default license agent starts automatically when the device boots up.
-------------------------	--

Examples	The following example shows how to configure the license agent: se-10-0-0-0(config)# license agent default authenticate
-----------------	---

Related Commands	Command	Description
	license agent listener http	Configures the license agent listener.
	license agent max-sessions	Limits the total number of license agent sessions.
	license agent notify	Defines a transport notification.

license agent listener http

To configure the license agent in listener mode, use the **license agent listener http** command in Cisco Unity Express configuration mode. Use the **no** form of this command to remove the configuration.

Cisco Unity Express 8.0.1 and earlier:

```
license agent listener http [crypto | plaintext] url-path authenticate [none] [max-message size]

no license agent listener http [crypto | plaintext] url-path authenticate [none] [max-message size]
```

Cisco Unity Express 8.0.2 and later:

```
license agent listener http [encrypted | plaintext] url-path authenticate [none] [max-message size]

no license agent listener http [encrypted | plaintext] url-path authenticate [none] [max-message size]
```

Syntax	Description
crypto	(Optional) Uses an encrypted http transport.
or	
encrypted	The crypto keyword is supported from Cisco Unity Express versions 7.1.1 through 8.0.1. The encrypted keyword is supported beginning with Cisco Unity Express 8.0.2.
plaintext	(Optional) Uses a plaintext http transport.
url-path	Specifies the listener's URL.
authenticate	Defines the authentication.
none	Defines the default authentication.
max-message size	Defines the maximum message size that the license agent accepts.

Command Default None.

Command Modes Cisco Unity Express Configuration

Command History	Cisco Unity Express Version	Modification
	7.1	This command was introduced.
	8.0.2	The crypto keyword was replaced by the keyword encrypted .

Usage Guidelines This command starts the license agent in listener mode. The options specifies if you need to use the https or http service, listener's URL, and authentication.

Examples

The following example shows how to authenticate the license agent using the http crypto authentication mechanism:

```
se-10-0-0-0(config)# license agent listener http crypto path authenticate
```

Related Commands

Command	Description
license agent default authenticate	Authenticates the license agent by using the default HTTP mechanism.
license agent max-sessions	Limits the total number of license agent sessions.
license agent notify	Defines a transport notification.

license agent max-sessions

To configure the maximum number of HTTP sessions to license agent, use the **license agent max-sessions** command in Cisco Unity Express configuration mode. Use the **no** form of this command to remove the configuration.

license agent max-sessions *number*

no license agent max-sessions *number*

Syntax	Description
<i>number</i>	Specifies the maximum number of license agent sessions. The range is from 4 to 25.

Command Default	None.
-----------------	-------

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

Usage Guidelines	This commands enables you to configure the maximum number of HTTP sessions. The range is from 4 to 25.
------------------	--

Examples	The following example shows how to configure the maximum number of HTTP sessions: <pre>se-10-0-0-0(config)# license agent max-sessions 5</pre>
----------	---

Related Commands	Command	Description
	license agent default authenticate	Authenticates the license agent by using the default HTTP mechanism.
	license agent max-sessions	Limits the total number of license agent sessions.
	license agent notify	Defines a transport notification.

license agent notify

To use a notification transport, use the **license agent notify** command in Cisco Unity Express configuration mode. Use the **no** form of this command to remove the configuration.

license agent notify *URL*

no license agent notify *URL*

Syntax	Description
<i>URL</i>	Specifies the URL path with the quote.

Command Default	None.
-----------------	-------

Command Modes	Cisco Unity Express Configuration
---------------	-----------------------------------

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

Usage Guidelines This commands enables you to use a notification transport. When you access or modify a license, an event will be triggered. Information concerning this event is sent as a notification. Some examples of the notifications are:

- License installed
- License cleared
- License revoked
- License will expire in some time period
- License has expired for some time period
- License entry is corrupted
- License comment is modified
- License Agent is turned off or started up
- Counted license notifications

Examples

The following example shows how to configure the notification transport:

```
se-10-0-0-0(config)# license agent notify http://10.86.26.95/abc ?
  credentials      Credentials String
  username          Login name
se-10-0-0-0(config)# license agent notify http://10.86.26.95/abc username anonymous
password guest
se-10-0-0-0(config)# end
```

The following example shows the output **show run | include license** command

```
se-10-0-0-0# show run | include license
license agent max-sessions 9
license agent notify http://10.86.26.95/abc credentials hidden
6u/dKTN/hshQZ6vnngB74bKLbOxLrFmfSd8ZZNgd+Y9J3x1k2B35j0nfGWTYHfmPSd8ZZNgd+Y9J3x1k2B35j0nfGW
TYHfmPSd8ZZNgd+Y9J3x1k2B35j0nfGWTYHfmP
```

Command	Description
license agent default authenticate	Authenticates the license agent by using the default HTTP mechanism.
license agent max-sessions	Limits the total number of license agent sessions.

license clear

To remove one or more licenses information from your device, use the **license clear feature** command in Cisco Unity Express EXEC mode.

license clear *feature name*

Syntax Description	<i>feature name</i>	Specifies the feature name.
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Command Default	None.
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Command Modes	Cisco Unity Express EXEC
----------------------	--------------------------

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

Usage Guidelines	This command enables you to remove the license entry from your device.
-------------------------	--

Examples	The following example shows how to clear the license for a feature:
-----------------	---

```
se-10-0-0-0# license clear TCV-USER
Feature: TCV-USER
  1 License Type: Evaluation
    License State: Active, Not in Use, EULA accepted
      Evaluation total period:  4 weeks  2 days
      Evaluation period left:   4 weeks  2 days
    License Addition: Additive
    License Count: 2
    Comment:
    Store Index: 4
    Store Name: Primary License Storage
```

```
Are you sure you want to clear? (yes/[no]): yes
```



Note

The application will evaluate the changes in the next reboot.

Related Commands	Command	Description
	license comment	Adds or deletes a comment for a specific license.
	license modify priority	Modifies the license priority information.

license comment

To add or delete a comment for a specific license, use the **license comment** command in Cisco Unity Express EXEC mode.

license comment {add | delete} *feature name comment string*

Syntax Description

add	Adds the comment to the feature.
delete	Deletes the comment from the feature.
<i>feature name</i>	Specifies the feature name.
<i>comment string</i>	Specifies a text description of the comment string.

Command Default

None.

Command Modes

Cisco Unity Express EXEC

Command History

Cisco Unity Express Version	Modification
7.1	This command was introduced.

Usage Guidelines

This command enables you to add or delete comments for a specific license line. This can be done only for the installed licenses.

Examples

The following example adds a comment to the license:

```
se-10-0-0-0# license comment add TCV-USER test
Feature: TCV-USER
  1 License Type: Evaluation
    License State: Active, Not in Use, EULA accept
      Evaluation total period:  4 weeks  2 days
      Evaluation period left:   4 weeks  2 days
    License Addition: Additive
    License Count: 2
    Comment:
    Store Index: 4
    Store Name: Primary License Storage

% Success: Adding comment "test" succeeded
```

Related Commands

Command	Description
license clear	Clears the license information from your system.
license modify priority	Modifies the license priority information.

license install

To install the licenses, use the **license install** command in Cisco Unity Express EXEC mode.

license install *URL*

Syntax Description	<i>URL</i>	Specifies the URL of the license file. FTP /TFTP are the supported protocols.
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Command Default	None.
-----------------	-------

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

Usage Guidelines	This commands enables you to install the license stored in a license file.
------------------	--

Examples	The following example shows how to install the license for a feature: se-10-0-0-0# license install ftp://192.1.1.53/lic/nme-159/nme-159.lic
----------	---

```
Installing...Feature:VMIVR-IVR-SESS...Successful:Supported
License Note:
Application will evaluate this change upon next reload
Installing...Feature:VMIVR-VM-MBX...Successful:Supported
License Note:
Application will evaluate this change upon next reload
Installing...Feature:TCV-USER...Successful:Supported
License Note:
Application will evaluate this change upon next reload
Installing...Feature:VMIVR-PORT...Successful:Supported
License Note:
Application will evaluate this change upon next reload
4/4 licenses were successfully installed
0/4 licenses were existing licenses
0/4 licenses were failed to install
```

The installation process does not install duplicate licenses. The following message is displayed when duplicate licenses are detected:

```
Installing...Feature:xxx-xxx-xxx...Skipped:Duplicate
```


Related Commands	Command	Description
	license clear	Clears the license information from your system.
	license modify priority	Modifies the license priority information.
	show license all	Displays a summary of all of the licenses installed.
	show license detail	Displays the details of the installed license.

license modify priority

To modify the license priority information, use the **license modify priority** command in Cisco Unity Express EXEC mode.

license modify priority *feature name* {**high** | **low**}

Syntax Description

high	Sets the license priority level to high.
low	Sets the license priority level to low.

Command Default

None.

Command Modes

Cisco Unity Express EXEC

Command History

Cisco Unity Express Version	Modification
7.1	This command was introduced.

Usage Guidelines

This commands enables you to modify the license priority level. This command lists all the expiring licenses that are available for the specified feature and you can change the priority level to be the highest for the selected license.

Examples

The following example shows how to change the license priority level:

```
se-10-0-0-0# license modify priority TCV-USER high
Feature: TCV-USER
Index: 1      License type      : Evaluation
      Lock type       : Locked
      License Count   : 2
      License Priority: Low
```

Are you sure you want to modify priority? (yes/[no]): yes



Note

The application will evaluate the changes in the next reboot.

Related Commands

Command	Description
license revoke	Revokes the license.
license save	Saves the license and device credential information.
show license all	Displays the summary of all of the licenses installed.
show license detail	Displays the details of the installed license.

license revoke

To revoke the license, use the **license revoke** command in Cisco Unity Express EXEC mode.

license revoke *URL URL*

Syntax Description	<i>URL</i>	Specifies the URL path for the permission ticket file.
	<i>URL</i>	Specifies the URL path for the destination to rehost ticket file

Command Default None.

Command Modes Cisco Unity Express EXEC

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

Usage Guidelines

This command enables you to revoke the license. Rehost operation has multiple steps, which helps in moving a license from Source device (X) to a Target device (Y).

To revoke the license, perform the following steps:

1. To enable the revoke, obtain a permission ticket from the SWIFT portal and save it on the FTP (TFTP) server which is accessible to the module.
2. Enter the **license revoke** command, a grace period licenses is issued and accept the EULA for this grace license.
3. After the EULA is accepted, a Revocation ticket is generated as a result of the revoke operation.
4. To complete the Rehost operation, submit the Revocation ticket to the SWIFT portal to obtain a new license file that can be installed on a target device Y.

For example, permanent licenses of 225 count exist for MBX feature. Now permission ticket of 100 count is obtained from SWIFT to revoke 100 count out of 225 counts.

After installing the 225 count Grace (Extension) license, the remaining count of 125 count permanent license is installed as part of revoke operation.

Examples

The following example shows how to revoke the licenses:

```

se-10-0-0-0# show lic de VMIVR-VM-MBX
Feature: VMIVR-VM-MBX          Period left: Life time
Index: 1      Feature: VMIVR-VM-MBX          Version: 1.0
      License Type: Permanent
      License State: Active, In Use
      License Count: 225 /100
      License Priority: Medium
      Store Index: 3
      Store Name: Primary License Storage

Index: 2      Feature: VMIVR-VM-MBX          Version: 1.0
      License Type: Evaluation
      License State: Inactive
      Evaluation total period: 8 weeks 4 days
      Evaluation period left: 8 weeks 4 days
      License Count: 600 / 0
      License Priority: None
      Store Index: 0
      Store Name: Evaluation License Storage

se-10-0-0-0# license revoke ?
      URL          URL of the permission ticket

se-10-0-0-0# license revoke ftp://10.xx.xx.195/LIC-FILES/VEGA/FHH12460003_100-MBX.lic-PT ?
      URL          URL destination for rehost ticket

se-10-0-0-0# license revoke ftp://10.xx.xx.195/LIC-FILES/VEGA/FHH12460003_100-MBX.lic-PT
ftp://10.1.1.1/permissionticketfile-100MBX
Following Permanent license(s) will be installed on this device
      Feature Name: VMIVR-VM-MBX :Count = 125

Following Extension license(s) will be installed on this device
      Feature Name: VMIVR-VM-MBX :Count = 225

Following Permanent license(s) will be revoked from this device
      Feature Name: VMIVR-VM-MBX :Count = 225

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ACCEPT? [yes/no]: yes
License Note:

```

Application will evaluate this change upon next reload
 Application will evaluate this change upon next reload

Rehost ticket saved to **ftp://10.1.1.1/permissionticketfile-100MBX**

se-10-0-0-0# **reload**

vega# show license detail VMIVR-VM-MBX

```

Feature: VMIVR-VM-MBX          Period left: Life time
Index: 1      Feature: VMIVR-VM-MBX          Version: 1.0
      License Type: Permanent
      License State: Active, In Use
      License Count: 125 /125
      License Priority: Medium
      Store Index: 0
      Store Name: Primary License Storage
Index: 2      Feature: VMIVR-VM-MBX          Version: 1.0
      License Type: Evaluation
      License State: Inactive
          Evaluation total period: 8 weeks 4 days
          Evaluation period left: 8 weeks 4 days
      License Count: 225 / 0
      License Priority: Low
      Store Index: 4
      Store Name: Primary License Storage
Index: 3      Feature: VMIVR-VM-MBX          Version: 1.0
      License Type: Evaluation
      License State: Inactive
          Evaluation total period: 8 weeks 4 days
          Evaluation period left: 8 weeks 4 days
      License Count: 600 / 0
      License Priority: Low
      Store Index: 0
      Store Name: Evaluation License Storage

```

Related Commands

Command	Description
license save	Saves the license and device credential information.
license install	Installs the license on your system.
show license all	Displays the summary of all the licenses installed.
show license detail	Displays the details of the installed license.

license save

To save a copy of the all the licenses installed, use the **license save** command in Cisco Unity Express EXEC mode.

license save {**credential** | **URL**} *URL*

Syntax Description

credential	Saves the device credential information.
URL	Defines the URL destination path for the license file.
<i>URL</i>	Defines the URL destination path for saving the device credential information.

Command Default

None.

Command Modes

Cisco Unity Express EXEC

Command History

Cisco Unity Express Version	Modification
7.1	This command was introduced.

Usage Guidelines

The command enables you to saves a copy of the all the licenses installed in the license storage to a specified file. These licenses include all node locked licenses which are installed on a device and it does not include the evaluation licenses

Examples

The following example shows how to save the license installed on your device:

```
se-10-0-0-0# license save credential ftp://anonymous:guest@10.86.26.195/NME-Credential
Device credential saved ..... to ftp://anonymous:guest@10.86.26.195/NME-Credential
```

```
se-10-0-0-0# license save ftp://anonymous:guest@10.86.26.195/License-Copy
license lines saved ..... to ftp://anonymous:guest@10.86.26.195/License-Copy
```

Related Commands

Command	Description
license revoke	Revokes the license.
license clear	Clears the license information from your system.
show license all	Displays a summary of all of the licenses installed.
show license detail	Displays the details of the installed license.

line console

To enter config-line submode and specify whether the console connection is subject to authentication, use the **line console** command in Cisco Unity Express configuration mode.

line console

Syntax Description This command has no arguments or keywords.

Defaults None.

Command Modes Cisco Unity Express configuration (config)

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

Usage Guidelines After you enter config-line submode, the only property that you can configure is whether the console connection is subject to authentication. To do this, enter the **login** command.

If authentication is not enabled for the console connection, any user logging into the system through the console is given the superuser privilege and is not required to provide a username or password.

Examples The following example enables authentication for the console:

```
se-10-0-0-0# config t
se-10-0-0-0(config)# line console
se-10-0-0-0(config-line)# login
```

Related Commands	Command	Description
	login (config-line)	Configures whether the console connection is subject to authentication.

list name

To create a public distribution list, use the **list name** command in Cisco Unity Express configuration mode. This command does not have a **no** form.

list name *list-name* **number** *list-number* **create**

Syntax Description

<i>list-name</i>	Name of the list. Valid names have up to 64 characters letters and include letters A to Z, a to z, digits 0 to 9, underscore (_), dot (.), and dash (-). Names must start with a letter. Do not use spaces in the name.
number <i>list-number</i>	Number of the list. Valid public list numbers can have up to 15 digits.
create	Activates the list.

Defaults

The system creates the everyone list with number 999 to contain everyone on the system.

Command Modes

Cisco Unity Express configuration

Command History

Cisco Unity Express Version	Modification
2.1	This command was introduced.

Usage Guidelines

Each list must have a unique name or number.

The system supports a maximum of 15 public lists.

A list number can match the subscriber's or general delivery mailbox (GDM) telephone number but must not match another local public list number.

The system automatically assigns 9999 to the default **everyone** public list. An administrator can change this number using the GUI menu option **Voice Mail > Distribution Lists > Public Lists**. The 9999 number cannot be changed using TUI options or CLI commands.

A local subscriber cannot modify a remote distribution list and cannot use a remote distribution list as the recipient of a voice message.



Note

Use the graphical user interface (GUI) or telephone user interface (TUI) to create and manage private distribution lists.

Examples

The following example creates public distribution list number 12 for designers:

```
se-10-0-0-0# config t
se-10-0-0-0(config)# list name designers number 12 create
se-10-0-0-0(config)# exit
```


Related Commands	Command	Description
	list number delete	Deletes a public distribution list from the local system.
	list number description	Assigns a description to a public distribution list.
	list number member	Assigns members to a public distribution list.
	list number owner	Assigns an owner to a public distribution list.
	show lists public	Displays all public lists on the system.

list number

To add a nonsubscriber as a member of a distribution list, use the **list member** command in Cisco Unity Express configuration mode. Use the **no** form of the command to remove the member.

list number *list-number* **member** *member-number* **type non-subscriber**

no list number *list-number* **member** *member-number* **type non-subscriber**

Syntax Description

<i>list-number</i>	ID number of the distribution list.
<i>member-number</i>	ID number of the non-subscriber to associate the distribution list.

Defaults

None.

Command Modes

Cisco Unity Express configuration

Command History

Cisco Unity Express Version	Modification
3.2	This command was introduced.

Usage Guidelines

After this command is executed, the system verifies that the number satisfies the rules of the restriction table. If the restriction table does not match, it returns an error saying that “the number entered is restricted.”

If this command is entered and the restriction table is later updated to not allow the new entry, the number added to the distribution list will not be removed. However, when a new message is addressed using the list with the now restricted non-subscriber number, the system will prevent the message from being sent to the restricted number in the distribution list. All other addresses contained in the distribution list that are not restricted will have the message delivered to them.

Examples

The following example adds a member with number 12 to distribution list number 7215551413:

```
se-10-0-0-0# config t
se-10-0-0-0 (config)# list number 12 member 7215551413 type nonsubscriber
type non-subscriber
se-10-0-0-0 (config)# exit
```

Related Commands

Command	Description
show lists detail private	Displays the details of the private distribution lists for a specified owner.
show lists owner	Displays all the public and private distribution lists for a specified owner.
show lists public	Displays all public distribution lists on the local system.

list number delete

To delete a public distribution list from the local system, use the **list number delete** command in Cisco Unity Express configuration mode. This command does not have a **no** form.

list number *list-number* **delete**

Syntax Description	<i>list-number</i>	Number of the list. Valid public list numbers can have up to 15 digits.
---------------------------	--------------------	---

Defaults	No list number is deleted.
-----------------	----------------------------

Command Modes	Cisco Unity Express configuration
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Command History	Cisco Unity Express Version	Modification
	2.1	This command was introduced.

Usage Guidelines	An error message appears if the list does not exist.
	A local subscriber or administrator cannot delete a public distribution list at a remote site.



Note	Use the graphical user interface (GUI) or telephone user interface (TUI) to create and manage private distribution lists.
-------------	---

Examples	The following example deletes list number 35:
-----------------	---

```
se-10-0-0-0# config t
se-10-0-0-0(config)# list number 35 delete
se-10-0-0-0(config)# exit
```

Related Commands	Command	Description
	list name	Creates a public distribution list.
	list number description	Assigns a description to a public distribution list.
	list number member	Assigns members to a public distribution list.
	list number owner	Assigns an owner to a public distribution list.
	show lists public	Displays all public lists on the system.

list number description

To add a description to a public distribution list, use the **list number** description command in Cisco Unity Express configuration command. To delete the description, use the **no** form of this command.

list number *list-number* **description** *description*

no list number *list-number* **description** *description*

Syntax Description

<i>list-number</i>	Number of the list. Valid public list numbers can have up to 15 digits.
<i>description</i>	Text description of the list. Enclose the text in double quotes (“ ”) if the text is more than one word.

Defaults

No description is defined.

Command Modes

Cisco Unity Express configuration

Command History

Cisco Unity Express Version	Modification
2.1	This command was introduced.

Usage Guidelines

An error message appears if the list does not exist.



Note Use the graphical user interface (GUI) or telephone user interface (TUI) to create and manage private distribution lists.

Examples

The following example assigns a description to list number 35:

```
se-10-0-0-0# config t
se-10-0-0-0(config)# list number 35 description "SJC Engineers"
se-10-0-0-0(config)# exit
```

Related Commands

Command	Description
list name	Creates a public distribution list.
list number delete	Deletes a public distribution list from the local system.
list number member	Assigns members to a public distribution list.
list number owner	Assigns an owner to a public distribution list.
show lists public	Displays all public lists on the system.

list number member

To add members to a public distribution list, use the **list number member** command in Cisco Unity Express configuration mode. To delete the member from the list, use the **no** form of this command.

```
list number list-number member {member-name | extension}
    type {group | user | gdm | list | remote | blind}

no list number list-number member {member-name | extension}
    type {group | user | gdm | list | remote | blind}
```

Syntax Description	
<i>list-number</i>	Number of the list. Valid public list numbers can have up to 15 digits.
<i>member-name</i>	Name of the member to be added. Valid members include: <ul style="list-style-type: none"> • Local or remote subscribers • Group IDs • General delivery mailbox (GDM) name • Voice mailbox extension (blind address) • Other public distribution list numbers • Other public distribution list names
<i>extension</i>	Extension of the member to be added.
type	Category of the member. Valid values are: <ul style="list-style-type: none"> • group—The member is a group. • user—The member is a local subscriber. • gdm—The member is a general delivery mailbox. • list—The member is a public distribution list. • remote—The member is a remote subscriber. • blind—The member is a voice mailbox extension (blind address).

Defaults No list members are configured.

Command Modes Cisco Unity Express configuration

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

Usage Guidelines An error message appears if the member name or extension does not exist. Additionally, the system verifies that the public list has members. If the list is empty, the system plays a prompt indicating that the list contains no members and does not allow the list to be used as a recipient of the message.

The maximum number of public list members is 1000 for the system. An error message appears if a new member would exceed the maximum.

A remote subscriber that is statically configured on the local system can be a member of a distribution list. However, that remote subscriber cannot own a distribution list on the local system.

A private list cannot be a member of a public list.

Recursive distribution lists are permitted; for example, list A can be a member of list B and list B can be a member of list A.

To use a blind address, specify the location ID and extension of the blind address. The system verifies the location ID and extension length.



Note Use the graphical user interface (GUI) or telephone user interface (TUI) to create and manage private distribution lists.

Examples

The following example assigns members to list number 35:

```
se-10-0-0-0# config t
se-10-0-0-0(config)# list number 35 member user2 type user
se-10-0-0-0(config)# list number 35 member user7 type user
se-10-0-0-0(config)# list number 35 member supervisors type group
se-10-0-0-0(config)# list number 35 member sales type gdm
se-10-0-0-0(config)# list number 35 member project3 type list
se-10-0-0-0(config)# list number 35 member user4 type remote
se-10-0-0-0(config)# list number 35 member nyc72222 type blind
se-10-0-0-0(config)# exit
```

The following examples delete members from list number 35:

```
se-10-0-0-0# config t
se-10-0-0-0(config)# no list number 35 member user2 type user
se-10-0-0-0(config)# no list number 35 member sales type gdm
se-10-0-0-0(config)# exit
```

Related Commands

Command	Description
list name	Creates a public distribution list.
list number delete	Deletes a public distribution list from the local system.
list number description	Assigns a description to a public distribution list.
list number owner	Assigns an owner to a public distribution list.
show lists public	Displays all public lists on the system.

list number owner

To assign an owner to a public distribution list, use the **list number owner** command in Cisco Unity Express configuration mode. To delete the list owner, use the **no** form of this command.

list number *list-number* **owner** *owner-ID*

no list number *list-number* **owner** *owner-ID*

Syntax Description

<i>list-number</i>	Number of the list. Valid public list numbers can have up to 15 digits.
<i>owner-ID</i>	Name of the list owner.

Defaults

No list number or list owner is configured.

Command Modes

Cisco Unity Express configuration

Command History

Cisco Unity Express Version	Modification
2.1	This command was introduced.

Usage Guidelines

The list owner can be a local subscriber or a local group. If the owner is a group, all the members of the group are owners of the list. The default list **everyone** cannot have an owner.

The list owner can edit and delete members of the list and can assign other owners to the list.

An error message appears if the list number or list owner does not exist.

The maximum number of owners on the system is 50. An error message appears if a new owner ID would exceed the maximum number of list owners.

Members of the Administrators group are implicit owners of all public distribution lists and can edit any public list at any time. If all the owners of a list are deleted, the Administrator group continues to have ownership of the list.

The owner of a public or private distribution list can record a spoken name for the list using the TUI. The default **everyone** public list has a spoken name by default. An administrator can change this name using the TUI.



Note

Use the graphical user interface (GUI) or telephone user interface (TUI) to create and manage private distribution lists.

Examples

The following example assigns user2 as the owner of list number 35:

```
se-10-0-0-0# config t
se-10-0-0-0(config)# list number 35 owner user2
se-10-0-0-0(config)# exit
```

The following example deletes the owner of list 35:

```
se-10-0-0-0# config t
se-10-0-0-0(config)# no list number 35 owner user2
se-10-0-0-0(config)# exit
```

Related Commands

Command	Description
list name	Creates a public distribution list.
list number delete	Deletes a public distribution list from the local system.
list number description	Assigns a description to a public distribution list.
list number member	Assigns members to a public distribution list.
show lists public	Displays all public lists on the system.

locale (ccn trigger http)–IVR Only

To specify the language to use for the prompts that the caller hears when a Cisco Unity Express IVR HTTP-based trigger is activated, use the **locale** command in Cisco Unity Express IVR HTTP trigger configuration mode. Use the **no** form of this command to set the language to the *systemDefault*.

locale *xx_YY*

no locale

Syntax Description	<i>xx_YY</i>	Specifies the language used for the prompts heard by the caller. Cisco Unity Express supports several languages but only one language can be used for all triggers on the system. See Release Notes for Cisco Unity Express for the current list of supported languages.
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Command Default	The default locale is <i>systemDefault</i> .
------------------------	--

Command Modes	Cisco Unity Express IVR HTTP trigger configuration
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Command History	Cisco Unity Express Version	Modification
	3.0	This command was introduced.

Examples The following example sets the trigger language to US English:

```
se-10-0-0-0# config t
se-10-0-0-0(config)# ccn trigger http urlname myhttpapp
Adding new trigger
se-10-0-0-0(config-trigger)# locale en_US
se-10-0-0-0(config-trigger)# end
se-10-0-0-0(config)# exit
```

The following example sets the trigger language to the default (systemDefault):

```
se-10-0-0-0# config t
se-10-0-0-0(config)# ccn trigger http urlname myhttpapp
Adding new trigger
se-10-0-0-0(config-trigger)# no locale
se-10-0-0-0(config-trigger)# end
se-10-0-0-0(config)# exit
```

Related Commands	Command	Description
	show ccn trigger http–IVR Only	Displays the trigger and application settings. Use the show ccn trigger http command option to display the Cisco Unity Express IVR HTTP-based trigger settings.

locale (ccn trigger jtapi)

To specify the language used for the prompts that are heard by the caller when a JTAPI trigger is activated, use the **locale** command in Cisco Unity Express CCN configuration trigger mode. To set the language to the system default, use the no form of this command.

locale *xx_YY*

no locale

Syntax Description

xx_YY

Specifies the language used for the prompts heard by the caller. Cisco Unity Express supports several languages but only one language can be used for all triggers on the system. See [Release Notes for Cisco Unity Express](#) for the current list of supported languages.

Defaults

U.S. English

Command Modes

CCN configuration trigger

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.

Examples

The following example sets the trigger language to French.

```
se-10-0-0-0# config t
se-10-0-0-0(config)# ccn trigger jtapi phonenum 1234
se-10-0-0-0(config-trigger)# locale fr_FR
se-10-0-0-0(config-trigger)# end
se-10-0-0-0(config)# exit
```

Related Commands

Command	Description
ccn trigger jtapi phonenum	Enters trigger configuration mode.
show ccn trigger all	Displays the CCN trigger details.

locale (ccn trigger sip)

To specify the language used for the SIP system prompts that are heard by the caller when a SIP trigger is activated, use the **locale** command in Cisco Unity Express CCN configuration trigger mode. To set the language to the system defaults, use the **no** form of this command.

locale *xx_YY*

no locale

Syntax Description	<i>xx_YY</i>	Specifies the language used for the prompts heard by the caller. Cisco Unity Express supports several languages but only one language can be used for all triggers on the system. See Release Notes for Cisco Unity Express for the current list of supported languages.
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Defaults	U.S. English
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Command Modes	CCN configuration trigger
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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.

Examples The following example sets the trigger language to French.

```
se-10-0-0-0# config t
se-10-0-0-0(config)# ccn trigger sip phonenumber 1234
se-10-0-0-0(config-trigger)# locale fr_FR
se-10-0-0-0(config-trigger)# end
se-10-0-0-0(config)# exit
```

Related Commands	Command	Description
	ccn trigger sip phonenumber	Enters trigger configuration mode.
	show ccn trigger all	Displays the CCN trigger details.

log console

To configure the types of messages to be displayed on the console, use the **log console** command in Cisco Unity Express configuration mode. To stop messages from displaying, use the **no** form of this command.

log console {errors | info | warning}

no log console {errors | info | warning}



Caution

This command generates many screen messages that scroll down the screen until you turn off the display. Seeing the prompt to turn off the display may be difficult. Pressing CTRL-c does not work for this command.

Syntax Description

<i>errors</i>	Error messages.
<i>info</i>	Information messages.
<i>warning</i>	Warning messages.

Defaults

Only fatal error messages are displayed.

Command Modes

Cisco Unity Express configuration

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

The messages on the console display are also saved in the messages.log file. These messages can be used for debugging purposes.

Examples

The following example configures error messages to be displayed on the console:

```
se-10-0-0-0# config t
se-10-0-0-0(config)# log console errors
se-10-0-0-0(config)# exit
```

Related Commands

Command	Description
show logging	Displays the types of messages that are displayed on the console.

log console monitor

To display system messages on the console, use the **log console monitor** command in Cisco Unity Express configuration mode. To stop messages from displaying, use the **no** form of this command.

log console monitor {*module* | *entity* | *activity*}

no log console monitor {*module* | *entity* | *activity*}



Caution

This command generates many screen messages that scroll down the screen until you turn off the display. Seeing the prompt to turn off the display may be difficult. Pressing CTRL-c does not work for this command.

Syntax Description

module	Cisco Unity Express modules.
entity	Cisco Unity Express module entities.
activity	Cisco Unity Express entity actions.

Defaults

Only fatal error messages are 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.

Usage Guidelines

The messages on the console monitor are also saved in the messages.log file. These messages can be used for debugging purposes.

Examples

The following example displays messages for results of the database entity in the networking module:

```
se-10-0-0-0# log console monitor networking database results
```

Related Commands

Command	Description
show logging	Displays the types of messages that are displayed on the console.

log server

To configure an external server for saving log messages, use the **log server** command in Cisco Unity Express configuration mode. To delete the log server, use the **no** form of this command.

log server address {*ip-address* | *hostname*}

no log server address {*ip-address* | *hostname*}

Syntax Description

address <i>ip-address</i>	IP address of the external log server.
address <i>hostname</i>	Hostname of the external log server.

Defaults

No external log server is configured. The local hard disk is used for saving log messages.

Command Modes

Cisco Unity Express configuration

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

An external log server contains a copy of the messages.log file that is stored on the hard disk of the router that contains the Cisco Unity Express module. Copying the file to a server permits flexibility in viewing, printing, and troubleshooting system messages.

Examples

The following example assigns 10.1.61.16 as the external log server:

```
se-10-0-0-0# config t
se-10-0-0-0(config)# log server address 10.1.61.16
se-10-0-0-0(config)# exit
```

Related Commands

Command	Description
hostname	Specifies the server that stores the Cisco Unity Express applications.
ntp server	Specifies the NTP clocking server.

Command	Description
show hosts	Displays all configured hosts.
show running-config	Displays the log server as part of the configuration.

log trace boot

To save the trace configuration upon rebooting, use the **log trace boot** command in Cisco Unity Express EXEC mode.

log trace boot

Syntax Description

This command has no arguments or keywords.

Command Modes

Cisco Unity Express EXEC

Command History

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

Usage Guidelines

The current trace configuration is lost upon reboot because tracing is CPU intensive. To ensure that the current trace configuration is saved when the CUE module is rebooted, use the **log trace boot** command.

Examples

The following example illustrates the **log trace boot** command:

```
se-10-0-0-0# log trace boot
```

Related Commands

Command	Description
show trace store	Displays the modules and entities being traced.

log trace buffer save

To save the current trace information, use the **log trace buffer save** command in Cisco Unity Express EXEC mode. To turnoff the log trace, use the **no** form of this command.

log trace buffer save

no log trace buffer

Syntax Description This command has no arguments or keywords.

Command Modes Cisco Unity Express EXEC

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

Usage Guidelines Current trace information stored in the memory buffer can be saved to a file. The file created with the **log trace buffer save** command is atrace_save.log.

Examples The following example illustrates the **log trace buffer save** command:

```
se-10-0-0-0# log trace buffer save
```

Related Commands	Command	Description
	show logs	Displays a list of the trace logs.
	show trace buffer	Displays the modules and entities being traced.

login (aaa accounting event)

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

login

no login

default login

Syntax Description

This command has no arguments or keywords.

Command Default

The logging of login 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

This command enables the logging of all forms of system access except IMAP, including access to the CLI, GUI, TUI, and VVE, when a login is required. This command does not enable the logging of failed login attempts.

Examples

The following example disables the logging of login 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 login
```

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.

login (config-line)

To specify whether the console connection is subject to authentication, use the **login** command in Cisco Unity Express line configuration mode. Use the **no** or **default** form of this command to disable console authentication.

login

no login

default login

Syntax Description This command has no arguments or keywords.

Defaults There is no console authentication

Command Modes Cisco Unity Express line configuration (config-line)

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

Usage Guidelines To configure whether the console connection is subject to authentication, you must first enter the **line console** command and then the **login** command.

If authentication is not enabled for console connection, any user logging into the system through the console is given the superuser privilege and is not required to provide a username or password.

Examples The following example enables authentication for the console:

```
se-10-0-0-0# config t
se-10-0-0-0(config)# line console
se-10-0-0-0(config-line)# login
```

Related Commands	Command	Description
	license activate voicemail mailboxes	Enters config-line submode.

login-fail (aaa accounting event)

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

login-fail

no login-fail

default login-fail

Syntax Description

This command has no arguments or keywords.

Command Default

The logging of failed login attempts 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

This command enables the logging of failed login attempts for all forms of system access except IMAP, including access to the CLI, GUI, TUI, and VVE, when a login is required.

Examples

The following example disables the logging of failed login attempts:

```
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 login-fail
```

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.

login pinless

To configure pin login behavior for the mailbox, use the **login pinless** command in Cisco Unity Express config-mailbox mode. Use the **no** or **default** version to return to the default setting, requiring callers to enter a PIN to access their mailbox.

login pinless {**subscriber-phones** | **any-phone**}

no login pinless

Syntax Description	subscriber-phone-number	Allows callers to access their voice mailbox from any phone configured for the mailbox owner without entering a PIN.
	any-phone-number	Allows callers to access to their voice mailbox from any phone without entering a PIN.

Defaults Callers must enter a PIN to access their mailbox.

Command Modes Cisco Unity Express config-mailbox

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

Usage Guidelines

By default, a PIN is required to access voice mailboxes. You must configure this command to allow PINless access.

When you allow a caller to PINless access the voice mailbox from any phone configured for the mailbox owner, this includes access from the subscriber's configured extension, E.164 number, or fax numbers. Any callers not originating from one of these sources were required to enter a PIN to gain access to the voice mailbox with this configuration.

This command is valid only for personal mailboxes. You cannot use this command to configure a GDM to use PINless login.

The following example allows callers to access their voice mailbox from any phone configured for the mailbox owner without entering a PIN:

```
se-10-0-0-0# config t
se-10-0-0-0(config)# voice mailbox owner user4
se-10-0-0-0(config-mailbox)# login pinless subscriber-phones
se-10-0-0-0(config-mailbox)# exit
```

Related Commands	Command	Description
	show voicemail	Displays properties configured for the voice-mail system.

logout (aaa accounting event)

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

logout

no logout

default logout

Syntax Description

This command has no arguments or keywords.

Command Default

The logging of logout 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

This command enables the logging of all forms of system access except IMAP, including access to the CLI, GUI, TUI, and VVE, when a login is required before logout.

Examples

The following example disables the logging of logout 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 logout
```

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.