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license clear

To remove one or more licenses information from your device, use the **license clear feature** command in Cisco UMG 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 UMG EXEC
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Command History	Cisco UMG Version	Modification
	8.0	This command was introduced.

Usage Guidelines	This command enables you to remove the license entry from your device.
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Examples	The following example shows how to clear the license for a feature:
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```
umg-1# license clear SRSV
Feature: SRSV
  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 UMG EXECmode.

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 UMG EXEC

Command History

Cisco UMG Version	Modification
8.0	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:

```
umg-1# license comment add SRSV test
Feature: SRSV
  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 UMG EXEC mode.

license install *URL*

Syntax Description	<i>URL</i>	Specifies the URL of the license file. FTP/TFTP are the supported protocol.
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Command Modes	Cisco UMG EXEC
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Command History	Cisco UMG Version	Modification
	1.0	This command was introduced.

Usage Guidelines	This command enables you to install the license stored in a license file.
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Examples The following example shows how to display warning messages on the console:

```
umg-1# 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

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 the 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 UMG EXECmode.

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

Syntax Description

<i>feature name</i>	Indicates the Cisco UMG license name. Valid values are srst , srsv or vpim .
high	Sets the license priority level to high.
low	Sets the license priority level to low.

Command Default

None.

Command Modes

Cisco UMG EXEC

Command History

Cisco UMG Version	Modification
8.0	This command was introduced.

Usage Guidelines

This command 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:

```
umg-1# license modify priority srsv 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 UMG EXECmode.

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 UMG EXEC

Command History	Cisco UMG Version	Modification
	8.0	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 license 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:

```

umg-1# show license detail CUMG-SRST-NODE
Feature: CUMG-SRST-NODE          Period left: Life time
Index: 1      Feature: CUMG-SRST-NODE          Version: 1.0
        License Type: Permanent
        License State: Active, In Use
        License Count: 650 /600
        License Priority: Medium
        Store Index: 1
        Store Name: Primary License Storage
Index: 2      Feature: CUMG-SRST-NODE          Version: 1.0
        License Type: Evaluation
        License State: Inactive
            Evaluation total period: 8 weeks 4 days
            Evaluation period left: 6 weeks 0 day
        License Count: 1000 / 0
        License Priority: Low
        Store Index: 1
        Store Name: Evaluation License Storage

umg-1# license revoke ?
URL                                URL of the permission ticket

umg-1# license revoke ftp://10.xx.xx.195/LIC-FILES/VEGA/FHH12460003_1000-SRST-NODE.lic-PT?
URL                                URL destination for rehost ticket

umg-1# license revoke ftp://10.xx.xx.195/LIC-FILES/VEGA/FHH12460003_1000-SRST-NODE.lic-PT
ftp://10.1.1.1/permissionticketfile-100MBX
Following Permanent license(s) will be installed on this device
    Feature Name: 1000-SRST-NODE :Count = 125

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to any product feature being shutdown or terminated. By clicking the
"accept" button or typing "yes" you are indicating you have read and
agree to be bound by all the terms provided herein.

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-1000-SRST-NODE

```

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 UMG 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 UMG EXEC

Command History

Cisco UMG Version	Modification
8.0	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:

```
umg-1# 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
```

```
umg-1# 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.

log console

To configure the types of messages to be displayed on the console, use the **log console** command in Cisco UMG configuration mode. To turn off message display, use the **no** form of this command.

log console { errors | info | notice | warning }

no log console { errors | info | notice | warning }

Syntax Description

errors	Error messages, severity 3
info	Information messages, severity 6
notice	Notices, severity 5
warning	Warning messages, severity 4

Command Default

Only fatal error messages are displayed.

Command Modes

Cisco UMG configuration (config)

Command History

Cisco UMG Version	Modification
1.0	This command was introduced.

Usage Guidelines

This command has the same function as the **trace** command.

The messages on the console display are also saved in the messages.log file. You can use these messages for debugging.

Examples

The following example shows how to display warning messages on the console:

```
umg-1# config t
umg-1(config)# log console warning
umg-1(config)# end
```

Related Commands

Command	Description
log console monitor	Enables log monitor events for debugging.
log server address	Specifies an external server for saving log messages.
log trace boot	Saves the trace configuration on rebooting.
show logging	Displays console logging options.
show logs	Displays the logs.

log console monitor

To enable log monitor events for debugging, use the **log console monitor** command in Cisco UMG EXEC mode. To turn off log monitor events, use the **no** form of this command.

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

no log console monitor

Syntax Description

<i>module</i>	Trace module values. Can be any combination of the values listed in Table 26 on page 254 . Entering all gives information for all the modules.
<i>entity</i>	Entity values. Each module has one or more entity values associated with it. Can be any combination of the values for that particular module. See Table 26 on page 254 . Entering all gives information for all the entities.
<i>activity</i>	Activity values. Each entity has one or more activity values associated with it. Can be any combination of the values for that particular entity. See Table 26 on page 254 . Entering all gives information for all the activities.

Command Modes

Cisco UMG EXEC

Command History

Cisco UMG Version	Modification
1.0	This command was introduced.

Examples

The following example illustrates the use of one of the **log console monitor** options:

```
umg-1# log console monitor umg registration 4
umg-1
```

Related Commands

Command	Description
trace	Configures the types of messages to be displayed on the console.

log server address

To specify a remote server for saving log messages, use the **log server address** command in Cisco UMG configuration mode. To delete the log server, use the **no** form of this command.

log server address *a.b.c.d*

no log server address *a.b.c.d*

Syntax Description	<i>a.b.c.d</i>	IP address hostname of the remote syslog server.
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Defaults	No external log server is configured. The local hard disk is used for saving log messages.
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Command Modes	Cisco UMG configuration (config)
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Command History	Cisco UMG Version	Modification
	1.0	This command was introduced.

Usage Guidelines	To achieve flexibility in viewing and printing system messages when troubleshooting, copy to a server the messages.log file that is stored on the hard disk of the Cisco UMG network module.
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Examples	The following example illustrates the configuration of a remote syslog server:
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```
umg-1(config)# log server address 192.0.2.24
umg-1(config)# exit
umg-1# show running-config
Generating configuration:
...
log server address 192.0.2.24
...
umg-1#
```

Related Commands	Command	Description
	log console	Configures the types of messages to be displayed on the console.
	log console monitor	Displays system messages on the console.
	log trace boot	Saves the trace configuration on rebooting.
	log trace buffer save	Saves the current trace information.
	show log name	Displays a particular log.
	show logging	Shows the types of messages that are displayed on the console

Command	Description
show logs	Shows the existing log files on the Cisco UMG.
show running-config	Displays the running configuration, including the IP address or hostname of the remote syslog server.

log trace boot

To save the trace settings, use the **log trace boot** command in Cisco UMG EXEC mode.

log trace boot

Syntax Description

This command has no arguments or keywords.

Command Default

The trace configuration is lost on reboot because tracing is CPU-intensive.

Command Modes

Cisco UMG EXEC

Command History

Cisco UMG Version	Modification
1.0	This command was introduced.

Usage Guidelines

Before you reboot Cisco UMG, use the **log trace boot** command to save the trace configuration.

Examples

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

```
umg-1# log trace boot
umg-1#
```

Related Commands

Command	Description
show log name	Displays a particular log.
show logging	Shows the types of messages that are displayed on the console.
show logs	Shows the existing log files on the Cisco UMG.
show trace buffer	Displays trace information.
show trace store-prev	Displays a list of events from the atrace.log.prev file.

log trace buffer save

To save the current trace information, use the **log trace buffer save** command in Cisco UMG EXEC mode.

log trace buffer save

Syntax Description

This command has no arguments or keywords.

Command Modes

Cisco UMG EXEC

Command History

Cisco UMG Version	Modification
1.0	This command was introduced.

Usage Guidelines

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:

```
umg-1# log trace buffer save
umg-1
```

Related Commands

Command	Description
log trace boot	Saves the trace configuration on rebooting.
show log name	Displays a particular log.
show logging	Shows the types of messages that are displayed on the console.
show logs	Shows the existing log files on the Cisco UMG.
show trace buffer	Displays trace information.
show trace store-prev	Displays a list of events from the atrace.log.prev file.