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list-manager

To enter list manager mode in order to create, edit, or publish a system distribution list (SDL), use the **list manager** command in Cisco Unified Messaging Gateway (Cisco UMG) EXEC mode.

list-manager

Syntax Description This command has no keywords or arguments.

Command Default None

Command Modes Cisco UMG EXEC

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

Usage Guidelines Entering list manager mode locks list management on all peer messaging gateways, thereby preventing system desynchronization.

If the system encounters an SDL lock on a peer messaging gateway, it fails to lock and automatically leaves list manager mode. In this situation, you can wait until the lock on the peer messaging gateway is released or exit by using the exit command.



Caution

If the system tells you that the current configuring messaging gateway is out of sync when you attempt to enter list manager mode, use the **show list** command to find out peer messaging gateway has the latest SDL information by looking at the SDL version numbers. Publishing from that messaging gateway brings the other messaging gateways back into sync.

Examples

The following example illustrates the use of the **list-manager** command to enter list manager mode:

```
umg-1# list-manager
umg-1(listmgr)# list number 4085550101
umg-1(listmgr-edit)#end
umg-1#
```

The following example shows the output when the system fails to lock the list management.

```
umg-1# list-manager
Locking system distribution lists...Lock manager reports failure [FAILED]
```

The following example shows the out-of-sync warning.

```
umg-1# list-manager
Locking system distribution lists...[OK]
**WARNING** This UMG is out of sync and contains old information, user should probably
publish to this UMG from a peer.
```

```
SDL-Version Last-Updated List-Of-Remote-Gateways
```

```
* 50000_20070807033625 Aug 7, 2007 3:36:25 AM 51000
```

Related Commands

Command	Description
list number	Creates an SDL.
list publish	Publishes one or more SDLs to peer messaging gateways.
member	Assigns members to an SDL.
name	Assigns a name to an SDL.
privilege	Configures an authorized sender to an SDL.
show list	Displays a list of the SDLs that are configured and their details.
show list privilege	Displays the authorized sender to a specific SDL.
show list tracking version	Displays an SDL tracking version.

list number

To enter list manager edit mode in order to configure a system distribution list (SDL) in detail, use the **list number** command in Cisco Unified Messaging Gateway (Cisco UMG) list manager mode. To delete an SDL, use the **no** form of this command.

list number *number*

no list number *number*

Syntax Description

<i>number</i>	The number an authorized subscriber dials to address a message to this SDL (range: 1-16 digits).
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Command Default

None

Command Modes

Cisco UMG list manager (listmgr)

Command History

Cisco UMG Version	Modification
1.0	This command was introduced.

Usage Guidelines

The list number cannot be the same as any other SDL number or any subscriber's number.

When you have created an SDL, unless you configure both an authorized sender and members for it, no messages can be sent to it and nobody can receive them.

When you leave list manager edit mode, the system automatically publishes your changes to all peer messaging gateways.

Examples

The following example illustrates the use of the **list number** command, and also subsequent configuration and publication:

```
umg-1# list-manager
Locking system distribution lists...[OK]
umg-1(listmgr)# list number 1111
umg-1(listmgr-edit)# name FirstList
umg-1(listmgr-edit)# privilege 4085550100
This authorized sender [4085550100] will be added. However this authorized sender does not
exist yet!
umg-1(listmgr-edit)# member 4085550101 type sub
WARNING! The subscriber has been added to the list, but it doesn't exist in the subscriber
directory.
umg-1(listmgr-edit)# member 2222 type list
umg-1(listmgr-edit)# end
umg-1(listmgr)# end
auto publishing to all ...
LocationID      Status      Description
-----
57000          Published
```

```

# of network gateways published:      1
# of network gateways failed to publish:0

Unlocking system distribution lists...[OK]
umg-1# show list 1111
Extension:      1111
Name:           FirstList
Number of members:  2
Member(s):      4085550101 (subscriber)
                2222 (list)
                # of members: 2
umg-1#

```

Related Commands

Command	Description
list-manager	Locks down all peer Cisco UMGs so that SDLs can be published to peer messaging gateways,
list publish	Publishes one or more SDLs to peer messaging gateways.
member	Assigns members to an SDL.
name	Assigns a name to an SDL.
privilege	Configures an authorized sender to an SDL.
show list	Displays a list of the SDLs that are configured and their details.
show list privilege	Displays the authorized sender to a specific SDL.
show list tracking version	Displays an SDL tracking version.

list publish

To publish one or more system distribution lists (SDLs) to one or more peer messaging gateways, use the **list publish** command in Cisco Unified Messaging Gateway (Cisco UMG) list manager mode.

list publish [*location-id*]

Syntax Description	<i>location-id</i>	The location ID (range: 1-10 digits) of the peer messaging gateway to which you are publishing.
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Command Default	None
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Command Modes	Cisco UMG list manager (listmgr)
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Command History	Cisco UMG Version	Modification
	1.0	This command was introduced.

Usage Guidelines	Use this command to publish SDLs to peer messaging gateways.
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Note

Use this command when you create an SDL, and each time you update an SDL, for example, when you add a new member.

Examples	The following examples illustrate the use of the list publish command to publish to all messaging gateways. The system indicates that it could not publish to one messaging gateway because that one was locked.
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```
umg-1(listmgr)# list publish
LocationID Status Description
-----
51000 Published
59000 Locked(Renewed)
# of network gateways published: 1
# of network gateways failed to publish:1
umg-1(listmgr)# end
umg-1#
```

Related Commands	Command	Description
	list-manager	Enters list manager mode and locks down list management on all peer messaging gateways.
	list number	Creates an SDL.
	member	Assigns members to an SDL.

Command	Description
name	Assigns a name to an SDL.
privilege	Configures an authorized sender to an SDL.
show list	Displays a list of the SDLs that are configured and their details.
show list privilege	Displays the authorized sender to a specific SDL.
show list tracking version	Displays an SDL tracking version.

log console

To configure the types of messages to be displayed on the console, use the **log console** command in Cisco Unified Messaging Gateway (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 Unified Messaging Gateway (Cisco UMG) EXEC mode. To turn off log monitor events, use the **no** form of this command.

```
log console monitor { backuprestore | umg | all | dbclient | dns | management | ntp | security |
snmp | superthread | sysdb | udppacer }
```

```
no log console monitor { backuprestore | UMG | all | dbclient | dns | management | ntp | security
| snmp | superthread | sysdb | udppacer }
```

Syntax Description	backuprestore	Module
	umg	Module
	all	All modules
	dbclient	Module
	dns	Module
	management	Module
	ntp	Module
	security	Module
	snmp	Module
	superthread	Module

Command Default	None
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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.

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
```

log server address

To specify a remote server for saving log messages, use the **log server address** command in Cisco Unified Messaging Gateway (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 Unified Messaging Gateway (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 Unified Messaging Gateway (Cisco UMG) EXEC mode.

log trace buffer save

Syntax Description This command has no arguments or keywords.

Command Default None

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.

