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Last Updated: November 17, 2010

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show broadcast location

To display any subscribers who are authorized to send System Broadcast Messages (SBMs) to a specified endpoint, use the **show broadcast location** command in Cisco UMG EXEC mode.

show broadcast location *location-id* **privilege**

Syntax Description

<i>location-id</i>	Numeric string that functions as a system-wide unique identifier. The range is 1 to 10 digits.
--------------------	--

Command Modes

Cisco UMG EXEC

Command History

Cisco UMG Version	Modification
1.0	This command was introduced.

Usage Guidelines

- The authorized sender has the privilege of being able to send SBMs to all subscribers on any Cisco Unity or <Abbreviation>Cisco Unity Express endpoint, local or remote.
- The number the authorized sender dials to send an SBM is the endpoint's location ID.
- There is no limit on the number of subscribers to whom you can grant this privilege.
- Avaya Interchange does not support the SBM function.

Examples

The following example illustrates the use of the **show broadcast location** command:

```
umg-1# show broadcast location 1234 privilege
A total of 1 Authorized Sender(s) have been found for location 1234:
4085550100
umg-1# end
```

Related Commands

Command	Description
broadcast-id	Provisions a broadcast VPIM ID to a local <Abbreviation>Cisco Unity Express or a local Cisco Unity endpoint so that authorized senders can send SBMs to all subscribers on that endpoint.
endpoint	Enters endpoint configuration mode to provision endpoints manually.
broadcast location	Enables a subscriber to send an SBM to all subscribers on a specified endpoint, whether local or remote.

show ddr timeout

To display the timeout window whose elapse will result in a delayed delivery receipt (DDR), use the **show ddr timeout** command in Cisco UMG EXEC mode.

show ddr timeout

Syntax Description	This command has no arguments or keywords.
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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	Use this command to display the DDR timeout.
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Examples	The following example sets a DDR timeout, then displays it:
-----------------	---

```
umg-1# config t
umg-1(config)# DDR timeout 2
umg-1(config)# end
umg-1# show DDR timeout
Timeout window for DDR is 2 hours
```

Related Commands	Command	Description
	ddr timeout	Configures the amount of time that elapses before a DDR is sent.
	nldr timeout	Configures the amount of time that elapses before a non-delivery receipt (NDR) is sent.
	show ndr timeout	Displays the amount of time that elapses before an NDR is sent.

show endpoint

To display a list of the endpoints in the system and their details or a specific endpoint's details, use the **show endpoint** command in Cisco UMG EXEC mode.

```
show endpoint { local [ location-id | filter ] } | { network [ location-id | filter string ] }
```

Syntax Description

local	Endpoints for which the current configuring Cisco UMG is the primary or secondary messaging gateway.
network	Endpoints whose primary messaging gateways are peer Cisco UMGs.
<i>location-id</i>	This is a numeric string that functions as a system-wide unique identifier. The range is 1 to 10 digits.
filter string	The filter string. Any location ID containing the filter string is returned. Regular expression is not supported.

Command Modes

Cisco UMG EXEC

Command History

Cisco UMG Version	Modification
1.0	This command was introduced.

Usage Guidelines

Use this command to display a list of endpoints on the Cisco UMG network, local or remote, or the details for a single specified endpoint, either local or remote.

If there are more than 50 endpoints on the network, you are prompted to provide a filter string.

Examples

The following is sample output for the **show endpoint local** command.

```
umg-1# show endpoint local
```

A total of 7 local endpoint(s) have been found:

Location ID	Location Prefix	Endpoint Type	Endpoint Status	Primary Gateway	Secondary Gateway
40000		CUE	Online	50000	
123		CUE	Disabled	50000	
400001		CUE	Disabled	50000	
400002		Interchange	Disabled	50000	
999		Interchange	Disabled	50000	
400000		Unity	Disabled	50000	
5555	6505551010	Unity	Disabled	50000	

```
umg-1#
```

The following is sample output for the **show endpoint local location-id** command.

```
umg-1# show endpoint local 999
```

```
Location Id:          999
Hostname:             Interchange9
Domain:               sj.mycompany.com
```

```

Prefix:                408
NAT:                   Disabled
Type:                  Interchange
Primary Gateway ID:    50000
Secondary Gateway ID:
Status:                Disabled

umg-1# show endpoint local 40000
Location Id:           40000
Hostname:              1.1.1.2
Domain:                1.1.1.2
Prefix:
NAT:                   Disabled
Type:                  CUE
Broadcast VPIM ID:     vpim-broadcast
Primary Gateway ID:    50000
Secondary Gateway ID:
Status:                Auto-Registered-Online

umg-1#

```

The following is sample output for the **show endpoint network** command.

```
umg-1# show endpoint network
A total of 20 network endpoint(s) have been found:
```

Location ID	Location Prefix	Endpoint Type	Primary Gateway	Secondary Gateway
1	408101	CUE	51000	
10	408110	CUE	51000	
100	408200	CUE	51000	
101	408201	CUE	51000	
102	408202	CUE	51000	
103	408203	CUE	51000	
104	408204	CUE	51000	
105	408205	CUE	51000	
106	408206	CUE	51000	
107	408207	CUE	51000	
108	408208	CUE	51000	
109	408209	CUE	51000	
11	408111	CUE	51000	
110	408210	CUE	51000	
111	408211	CUE	51000	
112	408212	CUE	51000	
113	408213	CUE	51000	
114	408214	CUE	51000	
115	408215	CUE	51000	
116	408216	CUE	51000	

```
umg-1
```

The following is sample output for the **show endpoint network location-id** command.

```
umg-1# show endpoint network 115
Location Id:           115
Hostname:              1.1.1.2
Domain:                cuesim1
Prefix:                408555
Type:                  CUE
Broadcast VPIM ID:     vpim-broadcast
Primary Gateway ID:    51000
Secondary Gateway ID:

umg-1# show endpoints network filter 1111
```

```

3 endpoints have been found.
1111
1112
1113

```

Table 29 describes the categories of information shown in the display.

Table 29 *show endpoint Field Descriptions*

Field	Description
Location ID	Endpoint's location ID.
Hostname	Endpoint's hostname or IP address.
Domain	Endpoint's domain name or IP address.
(Location) Prefix	Dialing prefix for endpoint.
(Endpoint) Type	Type of endpoint: CUE (<Abbreviation>Cisco Unity Express), Unity (Cisco Unity) or Interchange (Avaya Interchange).
Broadcast VPIM ID	Number that authorized sender dials to send broadcast messages.
Primary Gateway ID	Location ID of the primary Cisco UMG.
Secondary Gateway ID	Location ID of the secondary Cisco UMG (not supported by Avaya Interchange endpoints).
(Endpoint) Status	Indicates whether registered or blocked (not relevant for Cisco Unity or Avaya Interchange).
Serial-number	Serial number of the endpoint (not relevant for <Abbreviation>Cisco Unity Express).

Related Commands

Command	Description
block location-id	Prevents an endpoint of the type Cisco Unity Express 3.1 and later versions from autoregistering.
broadcast-id	Provisions a broadcast VPIM ID to local endpoints of the type Cisco Unity Express 3.0 and earlier versions.
broadcast location	Enables a subscriber to send an SBM to all subscribers on a specified endpoint, whether local or remote.
domain	Provisions the domain name of an endpoint to Cisco UMG.
endpoint	Enters endpoint configuration mode to provision endpoints manually.
hostname (endpoint)	Specifies the hostname of an endpoint you are provisioning manually.
prefix	Specifies the telephone number prefix for an endpoint you are provisioning manually.
registration	Enters registration configuration mode to configure autoregistration parameters for Cisco Unity Express 3.1 and later versions.

show license status application vpim

To display the VPIM license status, use the **show license status application vpim** command in Cisco UMG EXEC mode.

show license status application vpim

Syntax Description

This command has no arguments or keywords.

Command Modes

Cisco UMG EXEC

Command History

Cisco UMG Version	Modification
8.0	This command was introduced.

Examples

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

```
umg-1# show license status application vpim
vpim enabled: 50 vpim nodes
```

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

Related Commands

Command	Description
license activate vpim nodes	Activates the license for VPIM nodes.

show list

To display a list of the system distribution lists (SDLs) that are configured, use the **show list** command in Cisco UMG EXEC mode or list manager mode.

show list { *number* | **filter** *location_id_prefix* | **name** *string* }

Syntax Description

<i>number</i>	This is the SDL number, which the subscriber dials to send a message to the list.
filter <i>location_id_prefix</i>	This is the SDL number filter: for example, use “22” to find all SDLs whose numbers contain that string.
name <i>string</i>	This is the (optional) SDL name.

Command Modes

Cisco UMG list manager (listmgr)
Cisco UMG EXEC

Command History

Cisco UMG Version	Modifications
1.0	This command was introduced.

Usage Guidelines

If an SDL has been configured with a name, that name is displayed.

SDL synchronization across the Cisco UMG system implements version numbers. Each SDL has a tracking version number. Changes to SDL lists will increment the number and this version number can be used to indicate whether multiple messaging gateways' SDL configurations are synchronized.

If no SDLs are configured, the system indicates that.

Examples

The following is sample output from the **show list** command in both list manager and EXEC modes:

```
umg-1# show list
```

```
The version of system distribution list is 500_20100322035417.
```

```
A total of 5 System Distribution List(s) have been found:
```

```

Extension      Name
-----
1              my-list
2              other_list
100            admins
111            auditors
500            users
```

```
umg-1# show list filter 1
```

```
The version of system distribution list is 500_20100322035417.
```

```
A total of 3 System Distribution List(s) have been found:
```

```

Extension      Name
```

```

-----
1          my-list
100        admins
111        auditors

umg-1# show list filter 11
The version of system distribution list is 500_20100322035417.

A total of 1 System Distribution List(s) have been found:

Extension      Name
-----
111            auditors

```

Related Commands

Command	Description
list-manager	Enters list configuration mode in order to configure an SDL in detail.
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 (list-manager edit)	Configures an authorized sender to an SDL.
show list privilege	Displays the authorized sender to a specific SDL.
show list tracking version	Displays an SDL tracking version.

show list privilege

To display the mailbox number of the authorized sender to a specific SDL, use the **show list privilege** command in Cisco UMG list manager mode.

show list privilege *number*

Syntax Description

<i>number</i>	SDL number, which is the number an authorized subscriber dials to address a message to this SDL.
---------------	--

Command Modes

Cisco UMG list manager (listmgr)
Cisco UMG EXEC

Command History

Cisco UMG Version	Modifications
1.0	This command was introduced.

Usage Guidelines

The command displays the list name if applicable, list number, and members, and additionally, type of member, whether subscriber or another list.

An error message appears if the specified list does not exist.

Examples

The following is sample output from the **show list privilege** command:

```
umg-1# list-manager
umg-1(listmgr)# show list privilege 1234
1 authorized sender(s) has been found for system distribution list 1234

4505550111
```

Related Commands

Command	Description
list-manager	Enters list configuration mode in order to configure an SDL in detail.
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 (list-manager edit)	Configures an authorized sender to an SDL.
show list	Displays configured SDLs.
show list tracking version	Displays an SDL tracking version.

show list tracking version

To display an SDL tracking version, use the **show list tracking version** command in Cisco UMG EXEC mode.

show list tracking version

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

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

Usage Guidelines	Use this command to find out whether two messaging gateways are in synch as regards an SDL.
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Examples	The following examples illustrate the use of the show list tracking version command:
-----------------	---

umg-1# **show list tracking version**

Tracking version is 100

Related Commands	Command	Description
	list-manager	Enters list configuration mode in order to configure an SDL in detail.
	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 (list-manager edit)	Configures an authorized sender to an SDL.
	show list	Displays configured SDLs.
	show list privilege	Displays the authorized sender to a specific SDL.

show messaging-gateway

To display details for any or all messaging gateways, including the network peer messaging gateways and the current configuring messaging gateway, use the **show messaging-gateway** command in Cisco UMG EXEC mode.

show messaging-gateway [*location-id*]

Syntax Description

<i>location-id</i>	This is a numeric string that functions as a system-wide unique identifier. The range is 1 to 10 digits.
--------------------	--

Command Modes

Cisco UMG EXEC

Command History

Cisco UMG Version	Modification
1.0	This command was introduced.

Usage Guidelines

Use this command to display details for all the messaging gateways in the network or for a specified messaging gateway: its location ID, its hostname, and whether NAT is enabled or disabled.

Examples

The following is sample output for the **show messaging-gateway** command:

```
umg-1# show messaging-gateway 101
Location ID      Hostname      NAT
101              1,100.1.1    disabled
Local Gateway ID: 101
umg-1#
```

Related Commands

Command	Description
network local messaging-gateway location-id	Specifies the location ID of the local messaging gateway.
nat location	Configures NAT entries for messaging gateways and endpoints.
network messaging-gateway	Configures peer messaging gateways.
show nat location	Lists out configured NAT entries

show nat location

To list out configured NAT entries, use the **show nat location** command in Cisco UMG EXEC mode.

show nat location *location-id*

Syntax Description	<i>location-id</i>	A numeric string that functions as a system-wide unique identifier. The range is 1 to 10 digits.
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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 the **show nat location** command:

```
umg-1# config t
Enter configuration commands, one per line. End with CNTL/Z.
umg-1(config)# nat location 777777
umg-1(config-nat)# http external 192.0.2.24
umg-1(config-nat)# end
umg-1(config)# end
umg-1# show nat location 777777
Protocol      Ext-IP          Ext-Port
-----
HTTP 192.0.2.24 26

umg-1#
```

Related Commands	Command	Description
	http external	Configures NAT entries for HTTP for endpoints and messaging gateways.
	nat location	Enters NAT configuration mode to set up NAT entries for endpoints and messaging gateways.
	show messaging-gateway	Displays details for any or all messaging gateways in the system.
	vpim external	Configures NAT entries for VPIM for endpoints and messaging gateways.

show ndr timeout

To display the timeout window whose elapse will result in a non-delivery receipt (NDR), use the **show ndr timeout** command in Cisco UMG EXEC mode.

show ndr timeout

Syntax Description

This command has no arguments or keywords.

Command Modes

Cisco UMG configuration EXEC

Command History

Cisco UMG Version	Modification
1.0	This command was introduced.

Usage Guidelines

Use this command to display the NDR timeout. If the NDR is not set, the timeout shown is six hours.

Examples

The following example sets an NDR timeout, then displays it:

```
umg-1# config t
umg-1(config)# NDR timeout 12
umg-1(config)# exit
umg-1# show NDR timeout
Timeout window for NDR is 12 hours
```

Related Commands

Command	Description
ddr timeout	Configures the amount of time that elapses before a DDR is sent.
ndr timeout	Configures the amount of time that elapses before an NDR is sent.
show ddr timeout	Displays the amount of time that elapses before a DDR is sent.

show network default-route

To display the default destination for messages that Cisco UMG cannot deliver, use the **show network default-route** command in Cisco UMG EXEC mode.

show network default-route

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

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

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

Usage Guidelines	Use this command to display the default destination (either an endpoint or a peer messaging gateway) where a message is sent if the system cannot deliver it.
-------------------------	---

Examples	The following example illustrates the use of the show network default-route command:
-----------------	---

```
umg-1# config
umg-1(config)# network default-route 777
umg-1(config)# end
umg-1# show network default-route
Default route is location 777.
umg-1#
```

Related Commands	Command	Description
	network default-route	Configures the default destination for messages that the system cannot deliver.

show registration

To display the registration configurations and endpoint registration status on the current configuring messaging gateway, use the **show registration** command in Cisco UMG EXEC mode.

show registration { block | status | users }

Syntax Description

block	Endpoints that are blocked; that is, prevented from registering.
status	Status of registered endpoints: autoregistered, offline, unreachable, deregistered.
users	Endpoint's registration credentials: username and password.

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 the **show registration** command:

```
umg-1# show registration users
```

```
umg registration users :
username 1234
username aaaa
```

```
umg-1# show registration block
```

```
umg registration block list :
location-id 34
location-id 12
```

```
umg-1# show registration status
```

```
Endpoint registration stats :
Auto-registered : 1
Offline : 2
Total number : 3
```

```
Auto-registered endpoint :
Loc. 23 : cue, registered at
Tue Aug 21 17:09:08 PDT 2007
```

```
Offline auto-registered endpoint :
Loc. 34 : cue, unreachable
Loc. 35 : cue, deregistered
```

Table 30 *show registration Field Descriptions*

Field	Description
username	Endpoint registration credential.
location-id	Location ID for endpoints that are blocked.
autoregistered	Description of autoregistered endpoints. Subfields: Location ID, type (Cisco Unity Express 3.1 and later versions), time and date of registration.
Offline	Description of endpoints that are offline. Subfields: Location ID, type, comment (for example, “unreachable”).

Related Commands

Command	Description
block location-id	Specifies a Cisco Unity Express 3.1 and later versions endpoint that will be prevented from registering with Cisco UMG.
expiration	Specifies the registration lifetime of autoregistered <Abbreviation>Cisco Unity Express endpoints.
registration	Enters registration configuration mode in order to configure autoregistration parameters for Cisco Unity Express 3.1 and later versions.
show endpoint	Displays a list of endpoints and their details or a specific endpoint’s details.
username	Specifies the registration credentials for autoregistering Cisco Unity Express 3.1 and later versions.

show spoken-name

To display spoken name support on the local Cisco UMG, use the **show spoken-name** command in Cisco UMG EXEC mode.

show spoken-name

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

If spoken name support is disabled on Cisco UMG, the spoken names received from <Abbreviation>Cisco Unity Express and/or Cisco Unity will not be stored in the database.

If the network link is slow, we recommend that you disable spoken name support.

We strongly recommend that you set all messaging gateways consistently for spoken name support, either all enabled or all disabled.

Examples

The following is an example of the **show spoken-name** command:

```
umg-1# show spoken-name
Spoken-name is enabled
```

Related Commands

Command	Description
spoken-name	Enables spoken name support on Cisco UMG.

show translation-rule

To display the translation rule for the message or SMTP header for each supported endpoint type, use the **show translation-rule** command in Cisco UMG EXEC mode.

```
show translation-rule { smtp | message }
```

Syntax Description	message	Displays message header translation rules.
	smtp	Displays SMTP header translation rules.

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

Usage Guidelines	<Abbreviation>Cisco Unity Express utilizes the “SMTP Envelope To:” data to route voice messages for delivery. Cisco Unity uses the “Message Header To:” line, and Avaya Interchange uses the “SMTP Envelope From:” and the “Message Envelope From:”.
-------------------------	---

Do not manipulate the translation rules unless Cisco Tech Support instructs you to do so.

Examples	The following example illustrates the use of the show translation-rule command.
-----------------	--

```
umg-1# show translation-rule message
Message Translation Rules -
CUE
From User:          src-user
From Host:          src-host
To User:            dest-user
To Host:            dest-host
UNITY
From User:          src-user
From Host:          to-host
To User:            dest-user
To Host:            dest-host
INTERCHANGE
From User:          src-user
From Host:          umg-host
To User:            dest-user
To Host:            dest-host
UMG
From User:          src-user
From Host:          src-host
To User:            dest-user
To Host:            dest-host

umg-1# show translation-rule smtp
SMTP Translation Rules -
CUE
From User:          src-user
```

```

From Host:          src-host
To User:            dest-user
To Host:            dest-host
UNITY
From User:          src-user
From Host:          umg-host
To User:            dest-user
To Host:            dest-host
INTERCHANGE
From User:          src-user
From Host:          umg-host
To User:            dest-user
To Host:            dest-host
UMG
From User:          src-user
From Host:          src-host
To User:            dest-user
To Host:            dest-host

```

Table 31 lists the significant fields shown in the display.

Table 31 *show translation-rule Field Descriptions*

Field	Description
message	Message header translation rules.
smtp	SMTP header translation rules.
cue	Message or SMTP header translation rules for <Abbreviation>Cisco Unity Express.
interchange	Message or SMTP header translation rules for Avaya Interchange.
umg	Message or SMTP header translation rules for Cisco UMG.
unity	Message or SMTP header translation rules for Cisco Unity.
from-host	Src-host translation rules for an endpoint.
from-host <i>text</i>	Set source e-mail domain value.
from-host <i>umg-host</i>	Variable name used for src-host translation.
from-user	Src-user translation rules for an endpoint.
from-user <i>umg-user</i>	Variable name used for src-user translation.
to-host	Dest-host translation rules for an endpoint.
to-host <i>text</i>	Set destination e-mail domain value.
to-host <i>umg-host</i>	Variable name used for dest-host translation.
to-user	Dest-user translation rules for an endpoint.
to-user <i>umg-user</i>	Variable name used for dest-user translation.

Related Commands

Command	Description
translation-rule	Configures the translation rule for the message or SMTP header for each supported endpoint.

spoken-name

To enable spoken-name support on the gateway, use the **spoken-name** command in Cisco UMG configuration mode.

spoken-name { enable | disable }

Syntax Description	enable	Enables spoken name support.
	disable	Disables spoken name support.

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

Usage Guidelines	If spoken name support is disabled on Cisco UMG, the spoken names received from <Abbreviation>Cisco Unity Express and Cisco Unity will not be stored in the database.
	If the network link is slow, we recommend you disable spoken name in directory exchange.
	We strongly recommend that you set all peer messaging gateways consistently for spoken name support, either all enabled or all disabled.

Examples	The following illustrates the use of the spoken-name command:
----------	--

```
umg-1# config t
umg-1(config)# spoken-name enable
umg-1(config)# exit
umg-1# show spoken-name
Spoken-name is enabled
```

Related Commands	Command	Description
	show spoken-name	Displays whether spoken name support is enabled or disabled on the local messaging gateway.

■ spoken-name