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clear counters interfaces

To clear interface counters, use the **clear counters interfaces** command in Cisco Unified Messaging Gateway (Cisco UMG) EXEC mode.

clear counters interfaces

Syntax Description This command has no arguments or keywords.

Command Default None. Interface counters are not cleared.

Command Modes Cisco UMG EXEC

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

Usage Guidelines Use this command when you have interface counters you want to clear, for example, the general debug counters. This command clears all counters, including statistics counters.

Examples The following example illustrates the use of the **clear counters interfaces** command.

```
umg-1> enable
umg-1# clear counters interfaces
umg-1# show interfaces ide 0
IDE hd0 is up, line protocol is up
    0 reads, 0 bytes
    0 read errors
    0 writes, 0 bytes
    0 write errors
umg-1#
```

Related Commands	Command	Description
	clear crashbuffer	Clears the kernel crash buffer.

clear crashbuffer

To clear the kernel crash buffer, use the **clear crashbuffer** command in Cisco Unified Messaging Gateway (Cisco UMG) EXEC mode.

clear crashbuffer

Syntax Description This command has no arguments or keywords.

Command Default None. Crash buffer is not cleared.

Command Modes Cisco UMG EXEC

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

Usage Guidelines Use this command to clear the kernel crash buffer after the reasons for a crash are fully investigated.

Examples The following example illustrates the use of the **clear crashbuffer** command.

```
umg-1 enable>
umg-1# clear crashbuffer
umg-1#
```

Related Commands	Command	Description
	clear counters interfaces	Clears the interface counters.

clear endpoint

To delete an autoregistered endpoint, use the **clear endpoint** command on the endpoint's primary messaging gateway in Cisco Unified Messaging Gateway (Cisco UMG) EXEC mode.

clear endpoint *location-id*

Syntax Description	<i>location-id</i>	Endpoint's location ID, system-wide unique identifier (max. 10 digits).
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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
	1.0	This command was introduced.

- Usage Guidelines**
- After you have cleared an autoregistered endpoint, any messages it attempts to forward is rejected by Cisco UMG, although the endpoint does remain online.
 - The endpoint is able to reregister after its registration period has expired unless you either block the endpoint or set up autoregistration for it on a different messaging gateway.
 - If you want the endpoint to autoregister with a different messaging gateway, remember to change the primary messaging gateway configuration on the endpoint itself.
 - The **clear endpoint** command triggers directory exchange with peer messaging gateways and other autoregistered endpoints.



Note To delete a manually provisioned endpoint, use the **no** form of the **endpoint** command.

Examples	The following example illustrates the use of the clear endpoint command.
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```
umg-1> enable
umg-1# show endpoint local
A total of 5 local endpoint(s) have been found:

Location      Location          Endpoint      Primary      Secondary
ID           Prefix            Type        Gateway      Gateway
-----
33           408108           CUE         50000       59000
34           408109           CUE         50000
35           408110           CUE         50000
36           408111           CUE         50000
37           408112           CUE         50000

umg-1# clear endpoint 35
Clear all data associated with endpoint 35 [confirm]
```

```
[OK]
umg-1# show endpoint local
A total of 4 local endpoint(s) have been found:

Location      Location          Endpoint      Primary       Secondary
ID           Prefix            Type        Gateway      Gateway
-----
33           408108          CUE         50000       59000
34           408109          CUE         50000
36           408111          CUE         50000
37           408112          CUE         50000

umg-1# show endpoint local 35
Local endpoint with location id 35 has not been found.
```

Related Commands

Command	Description
endpoint	Enters endpoint configuration mode to provision endpoints manually.
registration	Enters registration mode to configure autoregistration parameters for endpoints of the type Cisco Unity Express 3.1 and later versions,
show endpoint	Displays a list of endpoints or a specific endpoint.

■ **continue**

continue

To take Cisco Unified Messaging Gateway (Cisco UMG) from offline mode to online EXEC mode, use the **continue** command in Cisco UMG offline mode.

continue

Syntax Description This command has no arguments or keywords.

Command Default None

Command Modes Cisco UMG offline

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

Usage Guidelines This command returns Cisco UMG to online mode, for example, after a backup or restore procedure.

Examples The following example illustrates the use of the **continue** command as a step in the backup procedure:

```
umg# offline
!!!WARNING!!!: If you are going offline to do a backup, it is recommended that you save
the current running configuration using the 'write' command prior to going to the offline
state.
Putting the system offline will terminate all end user sessions.
Are you sure you want to go offline[n]?: y
umg(offline)# backup category all
umg(offline)# continue
umg#
```

Related Commands	Command	Description
	backup category	Identifies the data to be backed up and initiates the backup.
	offline	Terminates message forwarding and directory exchange.
	reload	Restarts the Cisco UMG system.
	restore id	Initiates restoration of a backup file or of factory defaults.

copy ftp

To copy a new configuration from an FTP server to another Cisco Unified Messaging Gateway (Cisco UMG) location, use the **copy ftp** command in Cisco UMG EXEC mode.

copy ftp: {nvram:startup-config | running-config | startup-config | system:running-config }

Syntax Description	nvram:startup-config Copies the new configuration to the NVRAM saved configuration. running-config Copies the new configuration to the current running configuration. startup-config Copies the new configuration to the startup configuration on the hard disk. system:running-config Copies the new configuration to the system configuration.
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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
	1.0	This command was introduced.

Usage Guidelines When you copy from the FTP server, the **copy ftp** command becomes interactive and prompts you for the necessary information.

You may add a username and password to the server IP address if your server is not configured to accept anonymous FTP input. The format would be: *userid:password@ftp-server-address/directory*.

If you do not specify a *directory* value, the software uses the default FTP directory.



Note Depending on the specific TFTP server you are using, you might need to create a file with the same name on the TFTP server and verify that the file has the correct permissions before transferring the running configuration to the TFTP server.

Examples The following example shows copying the configuration file named **start** from the FTP server in the default directory to the startup configuration in NVRAM:

```
umg# copy ftp: nvram:startup-config
Address or name or remote host? admin:messaging@192.0.2.24
Source filename? start
```

In the following example, the file named **start** in the FTP server configs directory is copied to the startup configuration:

```
umg# copy ftp: startup-config
!!!WARNING!!! This operation will overwrite your startup configuration.
Do you wish to continue[y]? y
```

copy ftp

Address or name or remote host? **admin:messaging@192.0.2.24configs**
Source filename? **start**

Related Commands

Command	Description
copy running-config	Copies the running configuration to another location.
copy tftp	Copies the startup configuration to another location.
erase startup-config	Deletes configuration data.
write	Copies the running configuration to the startup configuration.

copy log

To copy the current logging information stored in the Cisco Unified Messaging Gateway (Cisco UMG) database to an FTP server, use the **copy log** command in Cisco UMG EXEC mode.

```
copy log {install.log | dmesg | syslog.log | atrace.log | klog.log | debug_server.log | messages.log}
          url ftp://[user-id:ftp-password@]ftp-server-address[/directory]/filename
```

Syntax Description	
install.log	Contains the latest install information.
dmesg	Contains boot up logs.
syslog.log	Contains system messages.
atrace.log	Contains messages generated by a trace command.
debug_server.log	Contains messages generated by a debug command.
klog.log	The trace facility is a diagnostics facility that writes messages within a kernel buffer in memory.
messages.log	Contains kernel messages and system messages but no trace messages.
<i>user-id:ftp-password@</i>	(Optional) Specifies the FTP username and password to access the FTP server. If no username and password are specified, the default username anonymous is used.
<i>ftp-server-address</i>	IP address of the FTP server.
<i>/directory</i>	(Optional) Directory where the log data file is stored on the FTP server. If no directory is specified, the default directory on the FTP server is used.
<i>/filename</i>	Filename for the log data on the FTP server.

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 .

Usage Guidelines	If you do not specify a <i>directory</i> value, the software uses the default FTP directory.
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Examples	The following example shows copying the install log data to the default directory on the FTP server and saving the data in the file installinfo .
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```
umg# copy log install.log url ftp://admin:umg@192.0.2.24/installinfo
umg#
```

copy log

Related Commands	Command	Description
	show log name	Displays the contents of a log file.

copy running-config

To copy the running configuration to another destination, use the **copy running-config** command in Cisco Unified Messaging Gateway (Cisco UMG) EXEC mode.

```
copy running-config {ftp: | nvram:startup-config filename | startup-config | tftp:}
```

Syntax Description	ftp: Begins the FTP menu where you enter the FTP server IP address and destination filename to copy the running configuration to an FTP server. nvram:startup-config filename Copies the running configuration to the NVRAM saved configuration named <i>filename</i> . startup-config Copies the running configuration to the startup configuration on the hard disk named <i>filename</i> . tftp: Begins the TFTP menu where you enter the TFTP server IP address and destination filename to copy the running configuration to a TFTP server.
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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
	1.0	This command was introduced .

Usage Guidelines	When you copy to an FTP or TFTP server, the copy running-config command becomes interactive and prompts you for the necessary information. You may add a username and password to the server IP address if your server is not configured to accept anonymous FTP input. The format would be: <i>userid:password@ftp-server-address/directory</i> . If you do not specify a <i>directory</i> value, the software uses the default FTP directory.
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Note	Depending on the specific TFTP server you are using, you might need to create a file with the same name on the TFTP server and verify that the file has the correct permissions before transferring the running configuration to the TFTP server.
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Examples	In the following example, the running configuration is copied to the FTP server, which requires a username and password and has an IP address of 192.0.2.24. The running configuration is copied to the configs directory as file saved_start .
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```
umg# copy running-config ftp:
Address or name of remote host? admin:messaging@192.0.2.24/configs
```

copy running-config

```
Source filename? saved_start
```

The following example shows the running configuration copied to the NVRAM saved configuration as filename **startup**:

```
umg# copy running-config nvram:startup-config startup
```

The following example shows the running configuration copied to the startup configuration as filename **start**:

```
umg# copy running-config startup-config start
```

The following example shows the running configuration copied to the TFTP server as filename **temp_start**:

```
umg# copy running-config tftp:  
Address or name of remote host? 192.0.2.24  
Source filename? temp_start
```

Related Commands

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

copy startup-config

To copy the startup configuration to another destination, use the **copy startup-config** command in Cisco Unified Messaging Gateway (Cisco UMG) EXEC mode.

```
copy startup-config {ftp: | tftp: }
```

Syntax Description	ftp: Begins the FTP menu where you enter the FTP server IP address and destination filename to copy the startup configuration to an FTP server.
	tftp: Begins the TFTP menu where you enter the TFTP server IP address and destination filename to copy the startup configuration to a TFTP server.

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.

Usage Guidelines	When you copy to an FTP or TFTP server, the copy startup-config command becomes interactive and prompts you for the necessary information. You may add a username and password to the server IP address if your server is not configured to accept anonymous FTP input. The format would be: <i>userid:password@ftp-server-address/directory</i> . If you do not specify a <i>directory</i> value, the software uses the default FTP directory.
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Note	Depending on the specific TFTP server you are using, you might need to create a file with the same name on the TFTP server and verify that the file has the correct permissions before transferring the running configuration to the TFTP server.
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Examples	In the following example, the startup configuration is copied to the FTP server, which requires a username and password and has an IP address of 192.0.2.24. The startup configuration is copied to the configs directory as file saved_start .
-----------------	--

```
umg# copy startup-config ftp:  
Address or name of remote host? admin:messaging@192.0.2.24/configs  
Source filename? saved_start
```

The following example shows the startup configuration being copied to the TFTP server as filename **temp_start**:

```
umg# copy startup-config tftp:
```

copy startup-config

```
Address or name of remote host? 192.0.2.24
Source filename? temp_start
```

Related Commands

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

copy tftp

To copy the network TFTP server information to another destination, use the **copy tftp** command in Cisco Unified Messaging Gateway EXEC mode.

copy tftp: {nvram:startup-config | running-config | startup-config | system:running-config}

Syntax Description		
	nvram:startup-config	Destination location for the copy procedure is the NVRAM saved configuration. Begins the interactive menu where you enter the TFTP server IP address and destination filename.
	running-config	Destination location for the copy procedure is the active configuration in flash memory. Begins the interactive menu where you enter the TFTP server IP address and destination filename.
	startup-config	Destination location for the copy procedure is the startup configuration in flash memory. Begins the interactive menu where you enter the TFTP server IP address and destination filename.
	system:running-config	Destination location for the copy procedure is the system configuration. Begins the interactive menu where you enter the TFTP server IP address and destination filename.

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

Usage Guidelines	The copy tftp command is an interactive command and prompts you for the necessary information. You may add a username and password to the server IP address if your server is not configured to accept anonymous TFTP input. The format would be: <i>userid:password@ftp-server-address/directory</i> . If you do not specify a <i>directory</i> value, the software uses the default TFTP directory.
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Copying a startup configuration from the TFTP server to the startup configuration overwrites the startup configuration. Cisco UMG displays a warning that asks you to confirm the overwrite.



Note	Depending on the specific TFTP server you are using, you might need to create a file with the same name on the TFTP server and verify that the file has the correct permissions before transferring the running configuration to the TFTP server.
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Examples	The following example shows a TFTP server with the IP address 192.0.2.24. The TFTP server data in the source filename start is copied to the running configuration.
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```
umg# copy tftp: running-config
Address or name of remote host? 192.0.2.24
Source filename? start
```

copy tftp

In the following example, the TFTP server has the IP address 192.0.2.24. The file **start** in directory **configs** on the TFTP server is copied to the startup configuration.

```
umg# copy tftp: startup-config
!!!WARNING!!! This operation will overwrite your startup configuration.
Do you wish to continue[y]? y
Address or name of remote host? 192.0.2.24/configs
Source filename? start
```

Related Commands

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