



Cisco MGM Server Configuration Files

The Cisco MGM server software stores a number of configuration files that you can use to select properties and change default values used in Cisco MGM operation. You can edit the files listed in this appendix using a standard UNIX text editor.

cmgmVCtrlUserData.ini

The cmgmVCtrlUserData.ini file is located at:

<CEMFROOT>/config/init/cmgmVCtrlUserData.ini

Configuration Save and Restore

You can change Configuration Save and Restore defaults in the cmgmVCtrlUserData.ini file. The following values can be changed:

CMGMVConfigSaveDir—Root directory location; default value is <CEMFROOT>/..

CMGMVConfigSaveTimeout—tftp or telnet timeout in seconds; default value is 1800 seconds

CMGMVConfigSaveMaxnum—Maximum number of concurrent tftp sessions; default value is 2

Software Download

You can change Software Download defaults in the cmgmVCtrlUserData.ini file. The following values can be changed:

CMGMVImageDownloadTimeout—tftp timeout in seconds; default value is 1800 seconds

CMGMVImageDownloadMaxnum—Maximum number of concurrent tftp sessions; default value is 2

CMGMVImageDownloadTftpDelay—Duration between tftp retries in seconds; default value is 60

CMGMVImageDownloadTftpRetry—tftp retries; default value is 2

SNMP Community Strings

You can change the following SNMP Community String default in the cmgmVCtrlUserData.ini file:

MgxRWCommunityString1—Read-Write MGX chassis community for PXM1-based devices; default value is POPEYE.

MgxRWCommunityString2 — Read-Write MGX chassis community for PXM45 and PXM1E-based devices; default value is private.

Cisco MGM Log Files

Cisco MGM log files are located at:

<CEMFROOT>/logs/LoggercmgmCtrl.log

Cisco MGM automatically moves log files to LoggercmgmCtrl.old after 30000 lines of information are logged. At that point, a new LoggercmgmCtrl.log file is created.

Changing Logging Levels

To set logging levels for Cisco MGM files, perform the following steps:

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| Step 1 | Access the following file:

<code><CEMFROOT>/init/loggercommon.include</code> |
| Step 2 | Change the loggingLevelMask value to your desired logging level. The loggingLevelMask value is a decimal number based on a 4-bit mask. The following levels are valid:

1 (0001): information
2 (0010): warning
4 (0100): debug
8 (1000): error
15 (1111): all |
| Step 3 | For Cisco EMF logging, you must shut down and restart the Cisco EMF system for logging level changes to take effect. |
| Step 4 | For Cisco MGM logging, you do not need to shutdown and restart the system for changes to take effect. Enter the following command to dynamically reset the Cisco MGM logging level:

<code>kill -USR1 <process_id></code>

where <process_id> is the id of the cmgmCtrl process in your Unix system. |
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