



# FortiManager v4.0 MR3 Patch Release 7 Log Message Reference



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# Change Log

Date	Change Description
2012-09-07	Initial release.
2013-02-26	Minor update for FortiManager v4.0 MR3 Patch Release 7.

# Introduction

This reference provides detailed information about FortiManager log messages. This reference is intended for administrators that have enabled, and configured local logging on their FortiManager unit and need to know what the log messages mean.

Log messages provide valuable information about what is occurring on your network and on the FortiManager unit itself.

## Before you begin

Before you begin using this reference, take a moment to note the following:

- The information in this reference applies to all FortiManager units, and models that are currently running v4.0 and higher.
- You have enabled logging of FortiManager events. If you have not enabled logging, see the FortiManager v4.0 MR3 Patch Release 7 Administration Guide.
- Each log message is written as it would appear in the RAW format on the Web-based Manager.
- The log message tables in this reference indicate the firmware maintenance release each log message is recorded in, whenever applicable. The firmware maintenance release informs readers which firmware maintenance release records each log message. If no firmware maintenance release is applicable, the firmware version is used (as in the initial release of this document) and indicates the log message carries forward through all FortiManager v4.0 maintenance releases.

Log messages generated in one firmware maintenance release (or firmware version) to another may not contain the exact information because of changes to existing features or new features.

- This reference is published periodically, and therefore, contains only information gathered at the date of publication. This information includes only log messages from log types that are supported. For a list of the log types that are supported, see [“FortiManager v4.0 MR3 Logs” on page 7](#).

## How this reference is organized

This document contains all known log messages for the current release. This document also contains information about FortiManager log types and subtypes, including a detailed explanation of an example log message.

This document contains the following chapters:

[FortiManager v4.0 MR3 Logs](#) provides general information about the event log type and its subtypes, as well as updates about what’s new or changed for log messages. This chapter also includes a detailed example of a FortiManager log message.

The following chapters are grouped by the event log's subtypes, for example, event-fortiguard-fortimanager protocol. The event log type is the only log type recorded by the FortiManager unit.

- Event-System
- Event-FortiGuard-FortiManager protocol
- Event-Script Manager
- Event-Web Portal
- Event-Policy Console
- Event-Deployment Manager
- Event-Real-time Monitor
- Event-High Availability (HA)
- Event-FortiGuard service
- Event-FortiClient Manager
- Event-Object Change
- Event-Device Manager

# FortiManager v4.0 MR3 Logs

FortiManager logs provide historical information as well as current analysis of FortiManager system activity. For more information about configuring logging in FortiManager v4.0, see the [FortiManager v4.0 MR3 Patch Release 7 Administration Guide](#).

This section describes:

- FortiManager log message updates
- FortiManager logs
- FortiManager log messages

## FortiManager log message updates

There have been significant changes in log messages since FortiManager v3.0, along with several new log subtypes and log messages. The following information explains these changes and any new log subtypes that were introduced. This topic also includes, whenever applicable, updates for all v4.0 maintenance releases.

### FortiManager v4.0 log message updates

In FortiManager 4.0, many log messages have been removed or merged into other log message types. There are log types in *System Settings > Event Log* that are not supported but are still in the list. This document contains only the log messages from the log types that are supported.

**Table 1:** Supported and unsupported log types in FortiManager v4.0 MR3

Supported Log Types	Unsupported Log Types
Device Manager	Endpoint Manager
Deployment Manager	Firewall Objects
FortiClient Manager	FortiMail Manager
FortiGuard service	Log & Report Manager
FortiGuard-FortiManager protocol	Revision History
High Availability (HA)	VPN Console
Object Change	
Policy Console	
Real-Time Monitor	
Script Manager	
System	
Web Portal	

There were also changes to the Real-time Monitor log identification number. The Real-time Monitor log ID number was previously 22001 and is now 46001.

## FortiManager logs

Log messages display in *System Settings > Local Log > Log Access*. The Log Access page displays the event log file. The event log file is the only log file recorded by the FortiManager unit. There are nine sub-categories under the event log file, which are shown in Table 3. Event-System contains all log messages that the FortiManager unit generates and is the only log file generated.

### Log types and subtypes

FortiManager logs have only one log type and nine subtypes. The type and subtype numbers are combined in the *log\_id* field. There are ten numbers; the first two identify the type of log, and the second two numbers identify the subtype. The last five numbers identify the log. For example, an Event-Policy console log message contains the numbers 31001.

The following table includes the log types that are supported by the FortiManager unit.

**Table 2:** Subtype numbers for Event log type

Event Subtype Categories	Subtype Category Number
System	00
FortiGuard-FortiManager protocol	01
Script Manager	04
Web Portal	05
Policy Console	07
Deployment Manager	11
Real-time Monitor	12
High Availability (HA)	14
FortiGuard service	16
FortiClient Manager	17
Object Change	20
Device Manager	21

### Log severity levels

When a logging severity level is defined, the FortiManager unit logs all messages at and above the selected severity level. For example, if you select Error, the FortiManager unit logs Error, Critical, Alert, and Emergency level messages.

The Debug log severity level is rarely used, although you can select it in the Event Log list in *System Settings > Local Log > Event Log*. Debug log messages are useful when the FortiManager is not functioning properly. Debug log messages are only generated if the log

severity level is set to Debug. Debug log messages are generated by all subtypes of the event log. The following table lists logging severity levels.

**Table 3:** Logging severity levels

Level	Description
0 - Emergency	The system has become unusable.
1 - Alert	Immediate action is required.
2 - Critical	Functionality is affected.
3- Error	An erroneous condition exists, and functionality is probably affected.
4 - Warning	Functionality could be affected.
5 - Notification	Information about normal events.
6 - Information	General information about system operation.
7 - Debug	Detailed information useful for debugging purposes.

## FortiManager log messages

All FortiManager log messages are comprised of a log header and a log body. The log header contains information that identifies the log type and subtype, along with the log message identification number, date and time. The log body contains information on where the log was recorded and what triggered the FortiManager unit to record the log.

For example, if a FMG-3000C unit recorded an Event-FortiGuard message, the following log message may be recorded:

```
2009-04-15 12:44:21 log_id=0016058001 type=event subtype=fgd
pri=information user=user_2 msg="Receive an update package from FDS,
type=OBLT000000, version=000000.000000-090571930"
```

The following table outlines log fields and descriptions.

**Table 4:** Explanation of the Event-System log message example

Log Field	Description
date = 2009-04-05	The year, month, and day when the event occurred in the format, yy-mm-dd.
time = 12:44:21	The hour, minute and second of when the event occurred.
log id = 0016058001	A ten-digit number that identifies the log type. The first two digits represent the log type, and the following two digits represent the log subtype. The last five digits are the message ID number.
type = event	The section of the system where the event occurred. The log types are event, AntiVirus, antispy, and history.

**Table 4:** Explanation of the Event-System log message example (continued)

Log Field	Description
subtype = fgd	The subtype of each log message. In this example, a FortiGuard service update has occurred.
pri = information	The severity level, or priority, or the event. There are six logging severity levels.
user = user_2	The name of the user creating the traffic.
msg = "Receive an update package from FDS, type=OBLT0000, version=00000.00000-090571930"	Explains the activity or event that the FortiManager unit recorded. In this example, the log message states that an update package was received from the FDS, indicating the type of package that was received and the version number.

# Event-System

Event-System log messages are recorded when a user changes an interface setting or upgrades the firmware on the FortiManager unit. Event-system log messages are identified by the message ID 10001.

## 10001 Event-System

<b>Severity</b>	Critical
<b>Message</b>	user=<user_name> msg="System restart"
<b>Description</b>	The system restarted

<b>Severity</b>	Critical
<b>Message</b>	msg="Power <number> goes to online"
<b>Description</b>	A power supply has gone online.

<b>Severity</b>	Critical
<b>Message</b>	msg="Power <number> goes to offline"
<b>Description</b>	A power supply has gone offline.

<b>Severity</b>	Critical
<b>Message</b>	msg="System shutdown (Power Button)"
<b>Description</b>	The system has been shutdown.

<b>Severity</b>	Error/Information
<b>Message</b>	msg="raid disk <disk number> status changed from <disk_status> to <disk_status>"
<b>Description</b>	A RAID disk status changed.

<b>Severity</b>	Error/Information
<b>Message</b>	msg="raid status changed from <status> to <status>"
<b>Description</b>	The RAID status changed.

<b>Severity</b>	Warning
<b>Message</b>	user= "" msg= "Log upload failed caused by too many miglogd children running"
<b>Description</b>	Too many FTP/SFTP/SCP child processes are running, causing log upload to fail.

<b>Severity</b>	Warning
<b>Message</b>	user= "" msg= "Log upload failed caused by invalid FortiAnalyzer setting"
<b>Description</b>	Invalid FortiAnalyzer setting caused log upload to fail.

<b>Severity</b>	Information
<b>Message</b>	user= "" msg= "Log <log_path> is compressed to <gz_upload_path> successfully"
<b>Description</b>	Log compressed successfully.

<b>Severity</b>	Warning
<b>Message</b>	user= "" msg= "Pid <pid>: Unable to access compressed log: <gz_upload_path>"
<b>Description</b>	Cannot access compressed log.

<b>Severity</b>	Information
<b>Message</b>	user= "" msg= "Pid <pid>: Log <link_name> uploaded to <location> successfully"
<b>Description</b>	Log was uploaded successfully.

<b>Severity</b>	Warning
<b>Message</b>	user= "" msg= "Pid <pid>: Log <link_name> uploaded to <location> failed"
<b>Description</b>	Failed to upload log.

<b>Severity</b>	Information
<b>Message</b>	user= "" msg= "Device log <link_name> uploaded to <address> successfully"
<b>Description</b>	Device log uploaded successfully.

<b>Severity</b>	Warning
<b>Message</b>	user= "" msg= "Device log <link_name> uploaded to <address> failed"
<b>Description</b>	Failed to upload device log.

<b>Severity</b>	Warning
<b>Message</b>	user= "" msg= "Clean-up uploaded file: <upload_path>"
<b>Description</b>	File was cleaned up upload directory.

<b>Severity</b>	Critical
<b>Message</b>	user= "" msg= "System lost power at <year>-<month>-<day> <hour>:<minute>"
<b>Description</b>	System lost power.

<b>Severity</b>	Notification
<b>Message</b>	user=<administrator_name> msg= "Backup all settings succeed"
<b>Description</b>	All settings were backed up successfully.

<b>Severity</b>	Warning
<b>Message</b>	user=<administrator_name> msg= "Backup all settings failed"
<b>Description</b>	Failed to back up all settings.

<b>Severity</b>	Alert
<b>Message</b>	user=<user_name> msg= "user '<user_name>' login failed from ssh(<remote ip_address>)"
<b>Description</b>	A user failed to log in from an SSH client.

<b>Severity</b>	Notification
<b>Message</b>	user=<administrator_name> msg= "metafield added: <object_type>: name=<name>, length=<length>, importance=<importance>, status=<status>"
<b>Description</b>	A metafield was added.

<b>Severity</b>	Notification
<b>Message</b>	user=<administrator_name> msg= "metafield changed: <object_type>: name=<name>, length=<length>, importance=<importance>, status=<status>"
<b>Description</b>	A metafield was changed.

<b>Severity</b>	Notification
<b>Message</b>	user=<administrator_name> msg= "metafield deleted: <object_type>: name=<name>, length=<length>, importance=<importance>, status=<status>"
<b>Description</b>	A metafield was deleted.

<b>Severity</b>	Notification
<b>Message</b>	user=<administrator_name> msg= "A new policy <type> <name> is <creation_status>
<b>Description</b>	Created or unable to create a new policy package or folder.

<b>Severity</b>	Notification
<b>Message</b>	user=<administrator_name> msg= "A policy <type> <name> is <deletion status>"
<b>Description</b>	Deleted or unable to delete a policy package or folder.

<b>Severity</b>	Notification
<b>Message</b>	user=<administrator_name> msg= "A policy <type> <name> is <rename status> as <new_name>"
<b>Description</b>	Renamed or unable to rename a policy package or folder.

<b>Severity</b>	Notification
<b>Message</b>	user=<administrator_name> msg= "A policy package installation target <name> is <change status>"
<b>Description</b>	Changed or unable to change a policy package.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "user '<user_name>' logout from FortiConsole(<CLI_address>)"
<b>Description</b>	A user logged out from FortiConsole.

<b>Severity</b>	Notification
<b>Message</b>	user=<administrator_name> msg= "deleted checkpoint"
<b>Description</b>	A system checkpoint was deleted.

<b>Severity</b>	Notification
<b>Message</b>	user=<administrator_name> msg= "create system checkpoint failed"
<b>Description</b>	Failed to create system checkpoint.

<b>Severity</b>	Notification
<b>Message</b>	user=<administrator_name> msg= "create system checkpoint succeeded"
<b>Description</b>	System checkpoint was created successfully.

<b>Severity</b>	Notification
<b>Message</b>	user=<administrator_name> msg= “revert system checkpoint failed”
<b>Description</b>	Failed to revert system checkpoint.

<b>Severity</b>	Notification
<b>Message</b>	user=<administrator_name> msg= “revert system checkpoint succeeded”
<b>Description</b>	System checkpoint revert succeeded.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= “user '<login_user>' with profile '<admin_profile>' timed out from <user_from>”
<b>Description</b>	A user session timed out.

<b>Severity</b>	Notification
<b>Message</b>	user=<user_name> msg= “path=<path>,key=<config_object>,act=<act>,<config_attributes>”
<b>Description</b>	Log message configuration with path, key, and other information.

<b>Severity</b>	Information
<b>Message</b>	user=<login_user> msg= “user '<login_user>' with profile '<admin_prof>' login accepted from <user_from>”
<b>Description</b>	User login information.

<b>Severity</b>	Information
<b>Message</b>	user=<login_user> msg= “user '<login_user>' with profile '<admin_prof>' <exit status> from <user_from>”
<b>Description</b>	User logout/timeout information.

<b>Severity</b>	Notification
<b>Message</b>	user=<administrator_name> msg= “FIPS mode enable Success”
<b>Description</b>	FIPS mode is enabled.

<b>Severity</b>	Notification
<b>Message</b>	user=<user_name> msg= “FIPS mode enable Failure”
<b>Description</b>	Failed to enable FIPS mode.

<b>Severity</b>	Alert
<b>Message</b>	user=<user_name> msg= "user '<user_name>' with profile '<admin_prof>' login failed from <user_from> because of declined disclaimer"
<b>Description</b>	User failed to login because of declined disclaimer.

<b>Severity</b>	Critical
<b>Message</b>	user=<user_name> msg= "Failed to restore all settings because of the TFTP transmission error."
<b>Description</b>	Failed to restore all settings because of TFTP transmission error.

<b>Severity</b>	Critical
<b>Message</b>	user=<user_name> msg= "Failed to restore all settings because of the invalid backup file."
<b>Description</b>	Failed to restore all settings because of invalid backup file.

<b>Severity</b>	Critical
<b>Message</b>	user=<user_name> msg= "Failed to restore all settings because decrypt backup file failed."
<b>Description</b>	Failed to restore all settings because decrypt backup file failed.

<b>Severity</b>	Critical
<b>Message</b>	user=<user_name> msg= "Failed to restore all settings."
<b>Description</b>	Failed to restore all settings.

<b>Severity</b>	Critical
<b>Message</b>	user=<user_name> msg= "Restore all settings"
<b>Description</b>	All settings restored.

<b>Severity</b>	Critical
<b>Message</b>	user=<user_name> msg= "System restart v<Major_number>.0-build<build number> <build date> (Interim)"
<b>Description</b>	System restart with software version information.

<b>Severity</b>	Critical
<b>Message</b>	user=<user_name> msg= "Failed to install FortiAnalyzer Package because of the TFTP transmission error."
<b>Description</b>	Failed to install FortiAnalyzer package because of the TFTP transmission error.

<b>Severity</b>	Critical
<b>Message</b>	user=<user_name> msg= "Failed to restart the lcmd process to install new fortianalyzer package"
<b>Description</b>	Failed to restart the lcmd process to install new FortiAnalyzer package.

<b>Severity</b>	Notification
<b>Message</b>	user=<administrator_name> msg= "Administrator <administrator_name> initiates all self-tests from <user_from>"
<b>Description</b>	Administrator initiated all self-tests.

<b>Severity</b>	Critical
<b>Message</b>	user=<user_name> msg= "Firmware <upgrade/downgrade> from v<Major_number>.0-build<build number> <build date> (Interim) to <version>-build<build number><branch><patch>"
<b>Description</b>	Firmware is being upgraded or downgraded.

<b>Severity</b>	Critical
<b>Message</b>	user=<user_name> msg= "Failed to do the firmware upgrade because of the TFTP transmission error."
<b>Description</b>	Failed to do the firmware upgrade because of the TFTP transmission error.

<b>Severity</b>	Critical
<b>Message</b>	user=<user_name> msg= "Failed to do the firmware upgrade because of the invalid image file."
<b>Description</b>	Failed to do the firmware upgrade because of the invalid image file.

<b>Severity</b>	Critical
<b>Message</b>	user=<user_name> msg= "Failed to do the firmware upgrade."
<b>Description</b>	Failed to do the firmware upgrade.

<b>Severity</b>	Critical
<b>Message</b>	user=<user_name> msg= "Failed to do the firmware upgrade because of the FTP transition error."
<b>Description</b>	Failed to do the firmware upgrade because of the FTP transition error.

<b>Severity</b>	Critical
<b>Message</b>	user=<administrator_name> msg= "System shutdown (CLI)"
<b>Description</b>	System shutting down.

<b>Severity</b>	Information
<b>Message</b>	user=<administrator_name> msg= "Privileged system access granted to user '<administrator_name>'"
<b>Description</b>	Privileged system access granted to administrator.

<b>Severity</b>	Information
<b>Message</b>	user=<administrator_name> msg= "User '<administrator_name>' exited from the privileged system"
<b>Description</b>	Administrator exited from privileged system.

<b>Severity</b>	Notification
<b>Message</b>	user=<administrator_name> msg= "system time changed: <original_time> ---> <new_time>"
<b>Description</b>	System time was changed.

<b>Severity</b>	Notification
<b>Message</b>	user=<administrator_name> msg= "hostname changed: <old_hostname> --> <new_hostname>"
<b>Description</b>	Hostname was changed.

<b>Severity</b>	Information
<b>Message</b>	user=<administrator_name> msg= "System prepare upgrade from version[<major version>], build[<buid_number>],branchpt[<branch>] to version[<major version>], build[<buid_number>],branchpt[<branch>]"
<b>Description</b>	System is preparing for software version upgrade.

<b>Severity</b>	Critical
<b>Message</b>	user=<user_name> msg= "System v<Major_number>.0-build<build number> <build date> (Interim) restart to upgrade"
<b>Description</b>	System restart to upgrade.

<b>Severity</b>	Emergency
<b>Message</b>	user=n/a msg= "Entering FIPS error mode due to '<error string>'"
<b>Description</b>	Entering FIPS error mode due to error described by error string.

<b>Severity</b>	Alert
<b>Message</b>	user=n/a msg= "EVP encryption failed"
<b>Description</b>	EVP encryption failed.

<b>Severity</b>	Alert
<b>Message</b>	user=n/a msg= "EVP Decryption failed"
<b>Description</b>	EVP decryption failed.

<b>Severity</b>	Warning
<b>Message</b>	msg= "SFTP Timeout: Network is unreachable"
<b>Description</b>	SFTP timeout, network is unreachable.

<b>Severity</b>	Warning
<b>Message</b>	msg= "SFTP session error: <error number><error message>"
<b>Description</b>	SFTP session error with information including error number and message.

<b>Severity</b>	Warning
<b>Message</b>	msg= "SFTP session is closed"
<b>Description</b>	SFTP session is closed.

<b>Severity</b>	Warning
<b>Message</b>	msg= "SFTP session read error: <error number><error message>"
<b>Description</b>	SFTP session read error with error information including error number and message.

<b>Severity</b>	Warning
<b>Message</b>	msg= "SFTP error: Cannot connect to server"
<b>Description</b>	Cannot connect to server

<b>Severity</b>	Warning
<b>Message</b>	msg= "SFTP error: Error password or invalid directory permission"
<b>Description</b>	SFTP error, error password or invalid directory permission.

<b>Severity</b>	Warning
<b>Message</b>	msg= "SFTP error: Failed to change the directory"
<b>Description</b>	SFTP error, failed to change the directory.

<b>Severity</b>	Warning
<b>Message</b>	msg= "SFTP error: Invalid directory"
<b>Description</b>	SFTP error, invalid directory.

<b>Severity</b>	Warning
<b>Message</b>	msg= "SFTP error: File transfer error"
<b>Description</b>	SFTP error, file transfer error.

<b>Severity</b>	Warning
<b>Message</b>	msg= "SFTP error: rename file error"
<b>Description</b>	SFTP error, rename file error.

<b>Severity</b>	Warning
<b>Message</b>	msg= "SFTP error: The file cannot be found"
<b>Description</b>	SFTP error, file cannot be found.

<b>Severity</b>	Warning
<b>Message</b>	msg= "SFTP error: No permission to upload"
<b>Description</b>	SFTP error, no permission to upload.

<b>Severity</b>	Warning
<b>Message</b>	msg= "SCP Timeout: data transmission is aborted"
<b>Description</b>	SCP timeout, data transmission is aborted.

<b>Severity</b>	Warning
<b>Message</b>	msg= "SCP session error: <error number>:(<error message>)"
<b>Description</b>	SCP session error with error information such as error number and message.

<b>Severity</b>	Warning
<b>Message</b>	msg= "SCP Timeout: Network is unreachable"
<b>Description</b>	SCP timeout, network is unreachable.

<b>Severity</b>	Warning
<b>Message</b>	msg= "SCP session is closed"
<b>Description</b>	SCP session is closed.

<b>Severity</b>	Warning
<b>Message</b>	msg= "SCP session read error: <error number>:(<error message>)"
<b>Description</b>	SCP session read error with error information including error number and message.

<b>Severity</b>	Warning
<b>Message</b>	msg= "SCP error: Cannot connect to server <server ip>"
<b>Description</b>	SCP error, cannot connect to server.

<b>Severity</b>	Warning
<b>Message</b>	msg= "SCP error: Invalid password or directory permission denied"
<b>Description</b>	SCP error, invalid password or directory permission denied.

<b>Severity</b>	Warning
<b>Message</b>	msg= "SCP error: No such file or directory"
<b>Description</b>	SCP error, no such file or directory.

<b>Severity</b>	Warning
<b>Message</b>	msg= "FTP error: Network is unreachable"
<b>Description</b>	FTP error, network is unreachable.

<b>Severity</b>	Warning
<b>Message</b>	msg= "FTP error: Login failed"
<b>Description</b>	FTP error, login failed.

<b>Severity</b>	Warning
<b>Message</b>	msg= "FTP error: Wrong password"
<b>Description</b>	FTP error, wrong password.

<b>Severity</b>	Warning
<b>Message</b>	msg= "FTP error: Change binary mode error"
<b>Description</b>	FTP error, change binary mode error.

<b>Severity</b>	Warning
<b>Message</b>	msg= "FTP error: Change directory error"
<b>Description</b>	FTP error, change directory error.

<b>Severity</b>	Warning
<b>Message</b>	msg= "FTP error: The remote directory or file cannot be found"
<b>Description</b>	FTP error, the remote directory or file cannot be found.

<b>Severity</b>	Warning
<b>Message</b>	msg= "FTP error: File transfer error"
<b>Description</b>	FTP error, file transfer error.

<b>Severity</b>	Warning
<b>Message</b>	msg= "FTP error: Permission denied"
<b>Description</b>	FTP error, permission denied.

<b>Severity</b>	Warning
<b>Message</b>	msg= "FTP error: The file cannot be found"
<b>Description</b>	FTP error, the file cannot be found.

<b>Severity</b>	Alert
<b>Message</b>	user=<user_name> msg= "user '<user_name>' login failed from <console/telnet>(<opt_host   n/a>) cause system lockout"
<b>Description</b>	User login failed from telnet/console caused system lockout.

<b>Severity</b>	Alert
<b>Message</b>	user=<user_name> msg= "user '<user_name>' login failed from console"
<b>Description</b>	User login failed from console.

<b>Severity</b>	Alert
<b>Message</b>	user=<user_name> msg= “user '<user_name>' login failed from telnet(<opt_host>)”
<b>Description</b>	User login failed from telnet.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= “user '<user_name>' with profile '<profile_id>' login accepted from GUI(<client_ip_address>)”
<b>Description</b>	User with a specific profile login accepted from Web-based Manager.

<b>Severity</b>	Alert
<b>Message</b>	user=<user_name> msg= “user '<user_name>' login failed from GUI(<client_ip_address>)”
<b>Description</b>	A user login failed from Web-based Manager.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= “from address '<client_ip_address>' do firmware upgrade. firmware version:<fm_version> fm_release:<fm_release>”
<b>Description</b>	User with given address is trying to do an official firmware upgrade from Web-based Manager.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= “from address '<client_ip_address>' do firmware upgrade. firmware version:<fm_version> build number:<build_num>”
<b>Description</b>	User with given address is trying to do a special firmware upgrade from Web-based Manager.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= “user '<user_name>' with profile '<profile_id><profile_name>' logout from GUI(<client_ip_address>)”
<b>Description</b>	A user logged out from Web-based Manager.

<b>Severity</b>	Information
<b>Message</b>	user=<administrator_name> msg= “The session of the user '<user_name>' from <user_from> is killed”
<b>Description</b>	A user session is killed.

<b>Severity</b>	Notification
<b>Message</b>	user=<administrator_name> msg= “<keyname> license key changed”
<b>Description</b>	License key changed.

<b>Severity</b>	Warning
<b>Message</b>	user=<administrator_name> msg= "Invalid <keyname> license key"
<b>Description</b>	Invalid license key.

<b>Severity</b>	Notification
<b>Message</b>	user=<administrator_name> msg= "<CA/local> certificate exported: <cert>"
<b>Description</b>	CA or local certificate is exported.

<b>Severity</b>	Notification
<b>Message</b>	user=<user_name> msg= "Event log has been cleared by user '<user_name>'"
<b>Description</b>	Event log has been cleared by user.

<b>Severity</b>	Information
<b>Message</b>	user=<administrator_name> msg= "The Policy Package <package_name>(<policy_description>) is being installed"
<b>Description</b>	A policy package with the given name and description is being installed.

# Event-FortiGuard-FortiManager protocol

Event-FortiGuard-FortiManager protocol log messages are recorded when this protocol is used.  
Event-FortiGuard-FortiManager protocol log messages are identified by the message ID 13001.

## 13001 Event-FortiGuard-FortiManager protocol

<b>Severity</b>	Alert
<b>Message</b>	user=fgfm msg= "fgfm protocol start, offline mode is <enable   disable>"
<b>Description</b>	FortiGuard-FortiManager protocol is being started and the status of offline mode is displayed.

<b>Severity</b>	Warning
<b>Message</b>	user=fgfm msg= "fgfm connection to device <device_name> is down"
<b>Description</b>	FortiGuard-FortiManager connection to the device with the given device name is down.

<b>Severity</b>	Information
<b>Message</b>	user=fgfm msg= "fgfm connection to device <device_name> is up"
<b>Description</b>	FortiGuard-FortiManager connection to the device with the given name is up.

# Event-Script Manager

Event-Script Manager log messages are recorded when there are changes to scripts (creation, deletion, or modification). Event-Script Manager log messages are identified by the message ID 22001.

## 22001 Event-Script Manager

<b>Severity</b>	Information
<b>Message</b>	msg= "create script <script_name> ok"
<b>Description</b>	A script with the given name is created successfully.

<b>Severity</b>	Information
<b>Message</b>	msg= "delete script <script_id> ok"
<b>Description</b>	A script with the given script ID is deleted successfully.

<b>Severity</b>	Information
<b>Message</b>	msg= "modify script <script_name> ok"
<b>Description</b>	A script with the given script name is modified successfully.

# Event-Web Portal

Event-Web Portal log messages are identified by the message ID 25001.

## 25001 Event-Web Portal

<b>Severity</b>	Variable
<b>Message</b>	user=<administrator_name> msg= "Refresh remote FMG devices succeeded widget=<widget_name> action=<action>"
<b>Description</b>	Successfully refreshed remote FortiManager devices.

<b>Severity</b>	Variable
<b>Message</b>	user=<administrator_name> msg= "Refresh remote FMG devices failed widget=<widget_name> action=<action>"
<b>Description</b>	Failed to refresh remote FortiManager devices.

<b>Severity</b>	Variable
<b>Message</b>	user=<administrator_name> msg= "Configure profile <id> succeeded widget=<widget_name> action=<action>"
<b>Description</b>	Successfully configured profile with given ID.

<b>Severity</b>	Variable
<b>Message</b>	user=<administrator_name> msg= "Configure profile <id> failed widget=<widget_name> action=<action>"
<b>Description</b>	Failed to configure profile with given ID.

<b>Severity</b>	Variable
<b>Message</b>	user=<administrator_name> msg= "Add <content> <id> (<enabled   disabled>) succeeded widget=<widget_name> action=<action>"
<b>Description</b>	Successfully added specific content with given ID.

<b>Severity</b>	Variable
<b>Message</b>	user=<administrator_name> msg= "Add <content> <id> (<enabled   disabled>) failed widget=<widget_name> action=<action>"
<b>Description</b>	Failed to add specific content with given ID.

<b>Severity</b>	Variable
<b>Message</b>	user=<administrator_name> msg= "Delete <content> <id> succeeded widget=<widget_name> action=<action>"
<b>Description</b>	Successfully deleted specific content with given ID.

<b>Severity</b>	Variable
<b>Message</b>	user=<administrator_name> msg= "Change <content> <id> (<enabled   disabled>) succeeded widget=<widget_name> action=<action>"
<b>Description</b>	Successfully changed specific content with given ID.

<b>Severity</b>	Variable
<b>Message</b>	user=<administrator_name> msg= "Change <content> <id> (<enabled   disabled>) failed widget=<widget_name> action=<action>"
<b>Description</b>	Failed to change specific content with given ID.

<b>Severity</b>	Variable
<b>Message</b>	user=<administrator_name> msg= "Delete <content> <id> failed widget=<widget_name> action=<action>"
<b>Description</b>	Failed to delete specific content with the given ID.

<b>Severity</b>	Variable
<b>Message</b>	user=<administrator_name> msg= "Select logo <id> on profile <profile_name> succeeded widget=<widget_name> action=<action>"
<b>Description</b>	Successfully saved selected logo with given ID on the profile with specific name.

<b>Severity</b>	Variable
<b>Message</b>	user=<administrator_name> msg= "Select logo <id> on profile <profile_name> failed widget=<widget_name> action=<action>"
<b>Description</b>	Failed to save selected logo with given ID on the profile with specific name.

<b>Severity</b>	Variable
<b>Message</b>	user=<administrator_name> msg= "Reset logo to default on profile <profile_name> succeeded widget=<widget_name> action=<action>"
<b>Description</b>	Successfully reset logo to the default image on the specified profile.

<b>Severity</b>	Variable
<b>Message</b>	user=<administrator_name> msg= "Reset logo to default on profile <profile_name> failed widget=<widget_name> action=<action>"
<b>Description</b>	Failed to reset logo to default image on the specified profile.

<b>Severity</b>	Variable
<b>Message</b>	user=<administrator_name> msg= "Delete logo <id> on profile <profile_name>succeeded widget=<widget_name> action=<action>"
<b>Description</b>	Successfully deleted logo with given ID on the specific profile.

<b>Severity</b>	Variable
<b>Message</b>	user=<administrator_name> msg= "Delete logo <id> on profile <profile_name> failed widget=<widget_name> action=<action>"
<b>Description</b>	Failed to delete logo with given ID on the specific profile.

<b>Severity</b>	Variable
<b>Message</b>	user=<administrator_name> msg= "Add module <id> on profile <profile_name> succeeded widget=<widget_name> action=<action>"
<b>Description</b>	Successfully added module with given ID on the specified profile.

<b>Severity</b>	Variable
<b>Message</b>	user=<administrator_name> msg= "Add module <id> on profile <profile_name> failed widget=<widget_name> action=<action>"
<b>Description</b>	Failed to add module with given ID on the specified profile.

<b>Severity</b>	Variable
<b>Message</b>	user=<administrator_name> msg= "Save layout on profile <profile_name> succeeded widget=<widget_name> action=<action>"
<b>Description</b>	Successfully saved the layout of the specified profile.

<b>Severity</b>	Variable
<b>Message</b>	user=<administrator_name> msg= "Save layout on profile <profile_name> failed widget=<widget_name> action=<action>"
<b>Description</b>	Failed to save the layout for the specified profile.

<b>Severity</b>	Variable
<b>Message</b>	user=<administrator_name> msg= "Upload new logo on profile <profile_name> succeeded widget=<widget_name> action=<action>"
<b>Description</b>	Successfully uploaded a new logo onto the specified profile.

<b>Severity</b>	Variable
<b>Message</b>	user=<administrator_name> msg= "Upload new logo on profile <profile_name> failed widget=<widget_name> action=<action>"
<b>Description</b>	Failed to upload a new logo onto the specified profile.

<b>Severity</b>	Variable
<b>Message</b>	user=<administrator_name> msg= "<error message>"
<b>Description</b>	Daemon error described by error message.

<b>Severity</b>	Variable
<b>Message</b>	user=<administrator_name> msg= "Session <data> loaded in ptmgr"
<b>Description</b>	Session with the given data is loaded into Portal Manager.

<b>Severity</b>	Variable
<b>Message</b>	user=<administrator_name> msg= "Processed job using <data> handler"
<b>Description</b>	Processed job using specified handler.

<b>Severity</b>	Variable
<b>Message</b>	user=<administrator_name> msg= "User <id> login from <ip_address> succeeded"
<b>Description</b>	User with specified ID logged in from given IP address successfully.

<b>Severity</b>	Variable
<b>Message</b>	user=<administrator_name> msg= "User <id> login from <ip_address> failed"
<b>Description</b>	User with specified ID failed to login from given IP address.

<b>Severity</b>	Variable
<b>Message</b>	user=<administrator_name> msg= "User <id> logout"
<b>Description</b>	User with specified ID logged out.

<b>Severity</b>	Variable
<b>Message</b>	user=<administrator_name> msg= "Session <session_id> timed out"
<b>Description</b>	Specified session with given ID timed out.

# Event-Policy Console

Event-Policy Console log messages are recorded when events or activities are occurring within the Security Console menu. Event-policy console log messages are identified by the message ID 31001.

## 31001 Event-Policy Console

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "Policy installed on adom=<adom_oid> device=<device_id>"
<b>Description</b>	A policy was installed within the specified ADOM by the specified device.

<b>Severity</b>	Error
<b>Message</b>	user=<user_name> msg= "Device <device_id> is not locked., <task title>"
<b>Description</b>	Specified device is not locked and the title of the task trying to do the install is displayed.

<b>Severity</b>	Error
<b>Message</b>	user=<user_name> msg= "Get devinfo fail or device in backup mode. dev:<device_id>, <task title>"
<b>Description</b>	Failed to get device information or the device backup mode. The device ID is showed as well as the title of the task.

<b>Severity</b>	Error
<b>Message</b>	user=<user_name> msg= "Connect to device failed. dev:<device_id>, <task_title>"
<b>Description</b>	Failed to connect to the specified device as well as the title of the task.

<b>Severity</b>	Error
<b>Message</b>	user=<user_name> msg= "version mismatched, adom:<adom_mr>,dev:<device_mr>, <task_title>"
<b>Description</b>	The version on the ADOM and the device do not match.

<b>Severity</b>	Error
<b>Message</b>	user=<user_name> msg= "Set mm ops failed, adom:<adom_oid>, dev:<device_name>, <task_title>"
<b>Description</b>	Failed to set mm ops on the specified ADOM and device name.

<b>Severity</b>	Error
<b>Message</b>	user=<user_name> msg= "Start transaction failed, adom:<adom_oid>, dev:<device_name>, <task_title>"
<b>Description</b>	Failed to start transaction on the specified ADOM and device name.

<b>Severity</b>	Error
<b>Message</b>	user=<user_name> msg= "Preparing device failed, adom:<adom_oid>, dev:<device_name>, <task_title>"
<b>Description</b>	Failed while preparing the device with ADOM and device name information.

<b>Severity</b>	Error
<b>Message</b>	user=<user_name> msg= "Device vdom(<vdom_name>) is a slave mirror vdom, <task_title>"
<b>Description</b>	The specified device VDOM is a slave mirror VDOM.

<b>Severity</b>	Error
<b>Message</b>	user=<user_name> msg= "Device vdom(<vdom_name>) was unlocked, <task_title>"
<b>Description</b>	The specified device VDOM was not locked.

<b>Severity</b>	Error
<b>Message</b>	user=<user_name> msg= "Validation failed, cancelled by user, <task_title>"
<b>Description</b>	Validation failed because it was cancelled by the user.

<b>Severity</b>	Error
<b>Message</b>	user=<user_name> msg= "Copy rolled back, due to error, <task_title>"
<b>Description</b>	Copy was rolled back due to an error.

<b>Severity</b>	Error
<b>Message</b>	user=<user_name> msg= "Copy rolled back, cancelled by user, <task_title>"
<b>Description</b>	Copy rolled back because the action was cancelled by the user.

<b>Severity</b>	Error
<b>Message</b>	user=<user_name> msg= "Failed to commit policies to devdb, <task_title>"
<b>Description</b>	Failed to commit policies to device database.

<b>Severity</b>	Error
<b>Message</b>	user=<user_name> msg= "Aborted due to previous error, <task_title>"
<b>Description</b>	Process aborted due to previous error.

<b>Severity</b>	Error
<b>Message</b>	user=<user_name> msg= "Install failed(dev-related info was changed, install it first), <task_title>"
<b>Description</b>	Policy installation failed because device related information was changed, install device related information first.

<b>Severity</b>	Error
<b>Message</b>	user=<user_name> msg= "Initiate install to real device failed, <task_title>"
<b>Description</b>	Failed to initiate installation to real device.

<b>Severity</b>	Error
<b>Message</b>	user=<user_name> msg= "Create policy context failed, <task_title>"
<b>Description</b>	Create policy context failed.

<b>Severity</b>	Error
<b>Message</b>	user=<user_name> msg= "Malloc memory failed, <task_title>"
<b>Description</b>	Malloc memory failed.

<b>Severity</b>	Error
<b>Message</b>	user=<user_name> msg= "Init fetch context failed, <task_title>"
<b>Description</b>	Initiate fetch context failed.

<b>Severity</b>	Error
<b>Message</b>	user=<user_name> msg= "create task lines failed, <task_title>"
<b>Description</b>	Create task lines failed.

<b>Severity</b>	Error
<b>Message</b>	user=<user_name> msg= "Calloc memory failed, <task_title>"
<b>Description</b>	Calloc memory failed.

<b>Severity</b>	Error
<b>Message</b>	user=<user_name> msg= "fork error, <task_title>"
<b>Description</b>	Fork process error.

<b>Severity</b>	Error
<b>Message</b>	user=<user_name> msg= "Error create policy ctx, <task_title>"
<b>Description</b>	Error creating policy context.

<b>Severity</b>	Error
<b>Message</b>	user=<user_name> msg= "Loading device error, <task_title>"
<b>Description</b>	Loading device error.

<b>Severity</b>	Error
<b>Message</b>	user=<user_name> msg= "No installing devices, <task_title>"
<b>Description</b>	No installing devices.

<b>Severity</b>	Error
<b>Message</b>	user=<user_name> msg= "Load_gms_policies error, <task_title>"
<b>Description</b>	Function used to load GMS policies returned an error.

<b>Severity</b>	Error
<b>Message</b>	user=<user_name> msg= "Load_gms_central_nat error, <task_title>"
<b>Description</b>	Loading GMS central NAT returned an error.

<b>Severity</b>	Error
<b>Message</b>	user=<user_name> msg= "Load_profile_group error, <task_title>"
<b>Description</b>	Error loading profile group.

<b>Severity</b>	Error
<b>Message</b>	user=<user_name> msg= "Load pkg setting error, <task_title>"
<b>Description</b>	Error loading package settings.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "Assigning global policy package '<package_name>' to adom=<adom_name> successful"
<b>Description</b>	Successfully assigned global policy package with specified name to given ADOM.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "Assigning global policy package '<package_name>' to adom=<adom_name> failed"
<b>Description</b>	Failed to assign global policy package with specified name to given ADOM.

# Event-Deployment Manager

Event-Deployment Manager log messages are recorded when a user configures settings in the Device Manager menu, as well as script installation events. Event-deployment log messages are identified by the message ID 43001.

## 43001 Event-Deployment Manager

<b>Severity</b>	Notification
<b>Message</b>	user=<user_name> msg= "device <device_name> <action> failed"
<b>Description</b>	Specified device import/reload failed.

<b>Severity</b>	Notification
<b>Message</b>	user=<user_name> msg= "device <device_name> <action> succeeded"
<b>Description</b>	Specified device import/reload succeeded.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "device <device_name> add succeeded"
<b>Description</b>	Adding specified device succeeded.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "device <device_name> add failed"
<b>Description</b>	Add specific device failed.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "device <device_name> delete succeeded"
<b>Description</b>	Delete specified device succeeded.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "device <device_name> delete failed"
<b>Description</b>	Delete specified device failed.

<b>Severity</b>	Information
<b>Message</b>	user=fgfm msg= "device <device_name> configuration is synchronized"
<b>Description</b>	Specified device configuration is synchronized.

<b>Severity</b>	Information
<b>Message</b>	user=fgfm msg= "device <device_name> configuration is out-of-sync"
<b>Description</b>	Specified device's configuration is out-of-sync.

<b>Severity</b>	Information
<b>Message</b>	user=<administrator_name> msg= "Install of <script_type> script '<script_name>' on policy package <package_name> at <time> succeed"
<b>Description</b>	Successfully installed TCL or CLI script of given name on specified policy package at the given time.

<b>Severity</b>	Information
<b>Message</b>	user=<administrator_name> msg= "Install of <script_type> script '<script_name>' on device '<device_name>' (devid=<device_id>) at <time> succeed"
<b>Description</b>	Successfully installed TCL or CLI script of given name on specified device at given time.

<b>Severity</b>	Information
<b>Message</b>	user=<administrator_name> msg= "Script install <script_name> on policy package <package_name> cancelled"
<b>Description</b>	Specified script install to policy package was cancelled.

<b>Severity</b>	Information
<b>Message</b>	user=<administrator_name> msg= "Script install <script_name> on policy package <package_name> failed"
<b>Description</b>	Failed to install specified script to policy package.

<b>Severity</b>	Information
<b>Message</b>	user=<administrator_name> msg= "Script install <script_name> on <device_name> cancelled"
<b>Description</b>	Specified script install to device was cancelled.

<b>Severity</b>	Information
<b>Message</b>	user=<administrator_name> msg= "Script install <script_name> on <device_name> failed"
<b>Description</b>	Failed to install specified script to device.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "Security Console revision ID <revision_num>, saved by install operation, by operator <user_name>"
<b>Description</b>	Security console revision ID saved by install operation.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "Security Console revision ID <revision_num>, manually saved by operator <user_name>"
<b>Description</b>	Security console revision ID manually saved by operator.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "Security Console revision ID(<revision_num>), revert successfully"
<b>Description</b>	Successfully revert security console revision ID.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "Security Console revision ID(<revision_num>), manually deleted by operator (<user_name>)"
<b>Description</b>	Security console revision ID manually deleted by user.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "Security Console revision ID(<revision_num>), revert fail"
<b>Description</b>	Failed to revert security console revision ID.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "Save revision <revision_num> to <device_hostname><device_serialnumber>"
<b>Description</b>	Save revision to specified device.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "Retrieve revision <revision_num> from <device_hostname><device_serialnumber>"
<b>Description</b>	Retrieve revision from specified device.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "Import revision <revision_num> to <device_hostname><device_serialnumber>"
<b>Description</b>	Import revision from specified device.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "Load revision <revision_number> from <device_hostname><device_serialnumber>"
<b>Description</b>	Load revision from specified device.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "Edit revision(<revision_number>) for <device_hostname><device_serialnumber>: Updated revision comment"
<b>Description</b>	Edit revision comment from specified device.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "Edit revision(<revision_number>) for <device_hostname><device_serialnumber>: Updated tag name from "<old tag_name>" to "<new tag name>"
<b>Description</b>	Updated tag name for revision for specified device.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "Revert to revision (<revision number>) for <device_hostname><device_serialnumber> <result>"
<b>Description</b>	Success/fail to revert to specified revision for specified device.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "Install revision(<revision number>) to <device_hostname><device_serialnumber> successfully"
<b>Description</b>	Successfully installed specified revision to device.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "Install revision(<revision number>) to <device_hostname><device_serialnumber> failed(<reason>)"
<b>Description</b>	Failed to install specified revision to device and the reason.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "Delete revision(<revision number>) for <device_hostname><device_serialnumber>"
<b>Description</b>	Specified revision was deleted from device.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "Downloaded configuration revision(<revision number>) for <device_hostname><device_serialnumber>"
<b>Description</b>	Downloaded configuration of specified revision from device.

<b>Severity</b>	Information
<b>Message</b>	user=<admin> msg= "Cancel scheduled global installation succeed for adom(<adom_id>)"
<b>Description</b>	Successfully cancelled the scheduled global installation for specific ADOM.

<b>Severity</b>	Information
<b>Message</b>	user=<admin> msg= "Cancel scheduled global installation fail for adom(<adom_id>)"
<b>Description</b>	Failed to cancel scheduled global installation for specified ADOM.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "Schedule install succeed for device(<device_id>)"
<b>Description</b>	Scheduled installation succeeded for specified device.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "Schedule install fail for device(<device_id>)"
<b>Description</b>	Scheduled installation failed for specified device.

<b>Severity</b>	Information
<b>Message</b>	user=<admin> msg= "Cancel scheduled installation succeed for device(<device_id>)"
<b>Description</b>	Successfully cancelled scheduled installation for specified device.

<b>Severity</b>	Information
<b>Message</b>	user=<admin> msg= "Cancel scheduled installation fail for device(<device_id>)"
<b>Description</b>	Failed to cancel scheduled installation for specified device.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "Import revision failed"
<b>Description</b>	Failed to import revision.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "Import revision successful"
<b>Description</b>	Import revision succeeded.

# Event-Real-time Monitor

Event-Real-time Monitor log messages are recorded when events or activities occur within Real-time monitor. Event-real-time monitor log messages are identified by the message ID 46001.

## 46001 Event-Real-time Monitor

<b>Severity</b>	Notification
<b>Message</b>	devNetAddr=<device_ip_address> devName=<device_name> devSerialNo=<device_serial_number> OID=<oid> msg= "<trap_name> (<trap_serial_number>) received from <device_ip_address>"
<b>Description</b>	Specified trap was received from given device.

<b>Severity</b>	Alert
<b>Message</b>	type=<alert_type> id=<ID> events=<number of incidents> msg= "<alert_type> <id> triggered alert"
<b>Description</b>	Monitor/trap/console/reachable ID triggered the alert.

# Event-High Availability (HA)

Event-High Availability, or HA, log messages are recorded when there is a cluster of FortiGate units in high availability mode. Event-HA log messages are identified by the message ID 52001.

## 52001 Event-High Availability (HA)

<b>Severity</b>	Information
<b>Message</b>	msg= "HA sync: attempting to connect to slaves"
<b>Description</b>	Attempting to connect to slaves.

<b>Severity</b>	Information
<b>Message</b>	msg= "HA sync: attempting to connect to master"
<b>Description</b>	Attempting to connect to master.

<b>Severity</b>	Information
<b>Message</b>	msg= "HA sync: successful sync with <{slave   master}> <peer_ip>"
<b>Description</b>	Successfully synchronized with slave or master with given IP.

<b>Severity</b>	Information
<b>Message</b>	msg= "HA sync: all slaves connected, start full sync"
<b>Description</b>	All slaves are connected, can start full synchronization.

<b>Severity</b>	Information
<b>Message</b>	msg= "HA sync: negotiating with <peer_ip>"
<b>Description</b>	Negotiating with IP.

<b>Severity</b>	Information
<b>Message</b>	msg= "HA sync: negotiating with master"
<b>Description</b>	Negotiating with master.

<b>Severity</b>	Information
<b>Message</b>	msg= "HA app sync error: module=<module_id>"
<b>Description</b>	HA app synchronization error with specified module.

<b>Severity</b>	Information
<b>Message</b>	msg= "peer <peer_serial_number> is locally disabled"
<b>Description</b>	Specified peer is locally disabled.

<b>Severity</b>	Information
<b>Message</b>	msg= "sending image to <device_serial_number>"
<b>Description</b>	Image is currently being sent to specified device.

<b>Severity</b>	Information
<b>Message</b>	msg= "sending image to <device_serial_number> failed"
<b>Description</b>	Failed to send image to specified device.

<b>Severity</b>	Information
<b>Message</b>	msg= "sending image to <device_serial_number> ok"
<b>Description</b>	Image sent successfully to specified device.

# Event-FortiGuard service

Event-FortiGuard service are recorded when a connection to the FDS server occurs, or any other related service request, such as from a managed device or an update package. Event-FortiGuard service log messages are identified by the message ID 58001.

## 58001 Event-FortiGuard Service

<b>Severity</b>	Error
<b>Message</b>	msg= "FDS fmupdate tftp import update manage package failed. package type:<package_type> file:<file_name> Server:<server_ip>"
<b>Description</b>	FDS fmupdate TFTP import update manage package failed.

<b>Severity</b>	Information
<b>Message</b>	msg= "FDS fmupdate tftp import update manage package success. package type:<package_type> file:<file_name> Server:<server_ip>"
<b>Description</b>	FDS fmupdate TFTP import update manage package success.

<b>Severity</b>	Error
<b>Message</b>	msg= "FDS fmupdate ftp import update manage package failed. package type:<package_type> file:<file_name> Server:<server_ip>"
<b>Description</b>	FDS fmupdate FTP import update manage package failed.

<b>Severity</b>	Information
<b>Message</b>	msg= "FDS fmupdate ftp import update manage package success. package type:<package_type> file:<file_name> Server:<server_ip>"
<b>Description</b>	FDS fmupdate FTP import update manage package success.

<b>Severity</b>	Error
<b>Message</b>	msg= "FDS fmupdate scp import update manage package failed. package type:<package_type> file:<file_name> Server:<server_ip>"
<b>Description</b>	FDS fmupdate SCP import update manage package failed.

<b>Severity</b>	Information
<b>Message</b>	msg= "FDS fmupdate scp import update manage package success. package type:<package_type> file:<file_name> Server:<server_ip>"
<b>Description</b>	FDS fmupdate SCP import update manage package success.

<b>Severity</b>	Error
<b>Message</b>	msg= "FDS fmupdate tftp export update manage package failed. package type:<package_type> file:<file_name> Server:<server_ip>"
<b>Description</b>	FDS fmupdate TFTP export update manage package failed.

<b>Severity</b>	Information
<b>Message</b>	msg= "FDS fmupdate tftp export update manage package success. package type:<package_type> file:<file_name> Server:<server_ip>"
<b>Description</b>	FDS fmupdate TFTP export update manage package success.

<b>Severity</b>	Error
<b>Message</b>	msg= "FDS fmupdate ftp export update manage package failed. package type:<package_type> file:<file_name> Server:<server_ip>"
<b>Description</b>	FDS fmupdate FTP export update manage package failed.

<b>Severity</b>	Information
<b>Message</b>	msg= "FDS fmupdate ftp export update manage package success. package type:<package_type> file:<file_name> Server:<server_ip>"
<b>Description</b>	FDS fmupdate FTP export update manage package success.

<b>Severity</b>	Error
<b>Message</b>	msg= "FDS fmupdate scp export update manage package failed. package type:<package_type> file:<file_name> Server:<server_ip>"
<b>Description</b>	FDS fmupdate SCP export update manage package failed.

<b>Severity</b>	Information
<b>Message</b>	msg= "FDS fmupdate scp export update manage package success. package type:<package_type> file:<file_name> Server:<server_ip>"
<b>Description</b>	FDS fmupdate SCP export update manage package success.

<b>Severity</b>	Information
<b>Message</b>	msg= "Virus statistical notification to FDS network Changed: {Disabled   Enabled} --> {Disabled   Enabled}"
<b>Description</b>	The virus statistical notification to FDS network has been changed from disabled/enabled to enabled/disabled.

<b>Severity</b>	Information
<b>Message</b>	msg= "FGD DB Changed: <old URL DB> --> <new URL DB>"
<b>Description</b>	FortiGuard database changed from old URL database to new URL database.

<b>Severity</b>	Information
<b>Message</b>	msg= "FGT Support Version. <old supported versions> --> <new supported versions>"
<b>Description</b>	List of the new FortiGate supported versions.

<b>Severity</b>	Information
<b>Message</b>	msg= "FCT Support Version. <old supported versions> --> <new supported versions>"
<b>Description</b>	List of the new FortiClient supported versions.

<b>Severity</b>	Information
<b>Message</b>	msg= "FML Support Version. <old supported versions> --> <new supported versions>"
<b>Description</b>	List of the new FortiMail supported versions.

<b>Severity</b>	Information
<b>Message</b>	msg= "FAZ Support Version. <old supported versions> --> <new supported versions>"
<b>Description</b>	List of the new FortiAnalyzer supported versions.

<b>Severity</b>	Information
<b>Message</b>	msg= "FSW Support Version. <old supported versions> --> <new supported versions>"
<b>Description</b>	List of the new FortiSwitch supported versions.

<b>Severity</b>	Information
<b>Message</b>	msg= "{fmupdate.av-ips   fmupdate.web-spam   fmupdate.av-ips.fgt   fmupdate.av-ips.fct} Status: {Disabled   Enabled} --> {Disabled   Enabled}"
<b>Description</b>	Status change of the specified service from disabled/enabled to enabled/disabled.

<b>Severity</b>	Information
<b>Message</b>	msg= "{fmupdate.av-ips   fmupdate.web-spam   fmupdate.av-ips.fgt   fmupdate.av-ips.fct} New Override Server List(<sequential number>): IP:<ip_address>, TimeZone: <port>"
<b>Description</b>	New override server list with IP address and port information given.

<b>Severity</b>	Information
<b>Message</b>	msg= "Push override <service_type> port Changed: <old port> --> <new port>"
<b>Description</b>	FDS service changed, push override of specified service type port changed from old port to the specified new port.

<b>Severity</b>	Information
<b>Message</b>	msg= "Push override <service_type> ip Changed: <old ip_address> --> <new ip_adress>"
<b>Description</b>	FDS service changed, push override of specified service type IP changed from old IP to the specified new IP address.

<b>Severity</b>	Information
<b>Message</b>	msg= "Announce IP List Status: {Disabled   Enabled} --> {Disabled   Enabled}"
<b>Description</b>	Status of announce IP has been changed.

<b>Severity</b>	Information
<b>Message</b>	msg= "Announce IP List: IP:<ip_address>, Port: <port>"
<b>Description</b>	Announce IP list with IP address and port number.

<b>Severity</b>	Information
<b>Message</b>	msg= "Server Poll Frequency <service_type> Changed: <old poll frequency> --> <new poll frequency>"
<b>Description</b>	The server poll frequency of the specified service type is changed from the old poll frequency to the new specified one.

<b>Severity</b>	Information
<b>Message</b>	msg= "UM proxy <service_type> Status Changed: {Disabled   Enabled} --> {Disabled   Enabled}"
<b>Description</b>	UM proxy of the specific service type is changed from previous status to the new status.

<b>Severity</b>	Information
<b>Message</b>	msg= "UM proxy <service_type> Mode Changed: <Proxy   Tunnel> --> <Proxy   Tunnel>"
<b>Description</b>	UM proxy of the specific service type has mode changed from proxy or tunnel to proxy or tunnel.

<b>Severity</b>	Information
<b>Message</b>	msg= "UM proxy <service_type> port Changed: <old port> --> <new port>"
<b>Description</b>	UM proxy of the specific service type port changed from previous port to new port number.

<b>Severity</b>	Information
<b>Message</b>	msg= "UM proxy <service_type> ip Changed: <old ip_address> --> <new ip_address>"
<b>Description</b>	UM proxy of the specific service type IP changed from previous IP to the new IP address.

<b>Severity</b>	Information
<b>Message</b>	msg= "FCT Service status changed: {Disabled   Enabled} --> {Disabled   Enabled}"
<b>Description</b>	FortiClient service status changed.

<b>Severity</b>	Information
<b>Message</b>	msg= "FCT Service port Changed: <old port> --> <new port>"
<b>Description</b>	FortiClient service port changed to the new port number.

<b>Severity</b>	Information
<b>Message</b>	msg= "Log Update From FDS: {Disabled   Enabled} --> {Disabled   Enabled}"
<b>Description</b>	Log update from FDS is changed.

<b>Severity</b>	Information
<b>Message</b>	msg= "Log FGT Update History: {Disabled   Enabled} --> {Disabled   Enabled}"
<b>Description</b>	Log for FortiGate update history is changed.

<b>Severity</b>	Information
<b>Message</b>	msg= "FDS Update Schedule Status: {Disabled   Enabled} --> {Disabled   Enabled}"
<b>Description</b>	Status for FDS update schedule is changed.

<b>Severity</b>	Information
<b>Message</b>	msg= "FDS Update Schedule Frequency: <old frequency> --> <new frequency>"
<b>Description</b>	FDS update schedule frequency changed to the new frequency.

<b>Severity</b>	Information
<b>Message</b>	msg= "FDS Update Schedule Time(D H:M)<day> <hour>:<minute> --> <day> <hour>:<minute>"
<b>Description</b>	FDS update schedule time is changed.

<b>Severity</b>	Information
<b>Message</b>	msg= "Private Server Settings. Allow FGT access public server: {Disabled   Enabled} --> {Disabled   Enabled}"
<b>Description</b>	Private server settings for allowing FortiGate to access public server is changed.

<b>Severity</b>	Information
<b>Message</b>	msg= "Private Server Settings. Serverlist for AVIPS: {Disabled   Enabled} --> {Disabled   Enabled}"
<b>Description</b>	Private server settings. Server list for AntiVirus/IPS is changed.

<b>Severity</b>	Information
<b>Message</b>	msg= "Private Server Settings. Serverlist for WebSpam: {Disabled   Enabled} --> {Disabled   Enabled}"
<b>Description</b>	Server list for webspam is changed.

<b>Severity</b>	Information
<b>Message</b>	msg= "New Private Server List(<sequential number>): IP:<ip_address>, TimeZone: <time_zone>"
<b>Description</b>	List of private servers with their IP and time zone information.

<b>Severity</b>	Information
<b>Message</b>	msg= "FDS WebSpam Query Log Status : {Disabled   Enabled} --> {Disabled   Enabled}"
<b>Description</b>	FDS webspam query log status is changed.

<b>Severity</b>	Information
<b>Message</b>	msg= "FDS WebSpam Query URL Log: {URL Log disable   Log Rating Misses   Log ALL URL lookups} --> {URL Log disable   Log Rating Misses   Log ALL URL lookups}"
<b>Description</b>	FDS WebSpam Query URL Log changed.

<b>Severity</b>	Information
<b>Message</b>	msg= "FDS WebSpam Query Spam Log: {Spam Log disable   Log Non-spam events   Log all Spam lookups}"
<b>Description</b>	FDS WebSpam Query Spam Log is changed.

<b>Severity</b>	Information
<b>Message</b>	msg= "FDS Service AVIPS: {Disabled   Enabled} --> {Disabled   Enabled}"
<b>Description</b>	FDS service AntiVirus/IPS status is changed.

<b>Severity</b>	Information
<b>Message</b>	msg= "FDS Service WebSpam: {Disabled   Enabled} --> {Disabled   Enabled}"
<b>Description</b>	FDS service webspam status is changed.

<b>Severity</b>	Information
<b>Message</b>	msg= "Use certificate: {FortiGuard   BIOS} --> {FortiGuard   BIOS}"
<b>Description</b>	Certificate being used is changed.

<b>Severity</b>	Information
<b>Message</b>	msg= "FDS Service Connect public network: {Disabled   Enabled} --> {Disabled   Enabled}"
<b>Description</b>	Connect to public network status is changed.

<b>Severity</b>	Information
<b>Message</b>	msg= "FDS Server Override Mode: {Loose   Strict} --> {Loose   Strict}"
<b>Description</b>	FDS server override mode status is changed.

<b>Severity</b>	Warning
<b>Message</b>	msg= "Receive a URL rating request, result=miss, ip=<ip_address>, SN=<device_id> URL=[<URL>]"
<b>Description</b>	Received a URL rating request but the result is a miss. Details of the request are then displayed. (ie. IP address, device ID and the URL).

<b>Severity</b>	Information
<b>Message</b>	msg= "Receive a URL rating request, result=hit, ip=<ip_address>, SN=<device_id> URL=[<URL>]"
<b>Description</b>	Received a URL rating request but the result is a hit. Details of the request are then displayed. (ie. IP address, device ID and the URL).

<b>Severity</b>	Warning
<b>Message</b>	msg= "Receive a Spam rating request, result=Spam, ip=<ip_address>, SN=<device_id>"
<b>Description</b>	This query is deemed a spam, coming from the device with given IP address and device ID.

<b>Severity</b>	Information
<b>Message</b>	msg= "Receive a Spam rating request, result=Non-spam, ip=<ip_address>, SN=<device_id>"
<b>Description</b>	Received a spam rating request and this query is not deemed as spam, coming from device with given IP address and device ID.

<b>Severity</b>	Information
<b>Message</b>	msg= "Web-filter/Anti-spam service rate to FortiGuard:<requests/minute> requests/minute"
<b>Description</b>	Amount of web-filter and anti-spam service requests per minute.

<b>Severity</b>	Information
<b>Message</b>	msg= "Receive a new device request, SN=<serial number>, Address=<ip_address>"
<b>Description</b>	A new device is added with the given serial number and IP address.

<b>Severity</b>	Information
<b>Message</b>	msg= "Receive a new device request, SN=<serial number>"
<b>Description</b>	A new device is added with only the given serial number as information.

<b>Severity</b>	Information
<b>Message</b>	msg= "Manual Deployment to serial:[<serial_number>]"
<b>Description</b>	Manually deploying configuration to device with given serial number.

<b>Severity</b>	Error
<b>Message</b>	msg= "Failed to connect fds server. host:<server host> port:<server port>"
<b>Description</b>	Failed to connect to FDS server with the given server host and port information.

<b>Severity</b>	Error
<b>Message</b>	msg= "Failed to send request to fds server. host:<server host> port:<server port>"
<b>Description</b>	Failed to send request to FDS server with given server host and port information.

<b>Severity</b>	Error
<b>Message</b>	msg= "Failed to recv response from fds server. host:<server host> port:<server port>"
<b>Description</b>	Failed to received response from FDS server with given host and port information.

<b>Severity</b>	Information
<b>Message</b>	msg= "Sending UDP announcement to <ip_address>:<port>"
<b>Description</b>	Sending UDP announcement to specified IP address and port number.

<b>Severity</b>	Information
<b>Message</b>	msg= "Receive an update package from FDS, type=<type>, version=<version>"
<b>Description</b>	Received an update package from FDS with specified type and version.

<b>Severity</b>	Information
<b>Message</b>	msg= "Received a device update request, SN=<serial_number> UID=<user_id>"
<b>Description</b>	Received a device update request from device with given serial number and the UID of whom sent the request.

<b>Severity</b>	Information
<b>Message</b>	msg= "Received a device update request, SN=<serial_number>, Address=<peer ip_address>"
<b>Description</b>	Received a device update request from device with given serial number and the peer IP address.

<b>Severity</b>	Information
<b>Message</b>	msg= "Received a device update request, SN=<serial_number>, object: <obj_path>, pre_version: <full_version>, new_version: <new full_version>"
<b>Description</b>	Received a FortiClient update request with the given information, IP address is not logged when it is FortiClient info.

<b>Severity</b>	Information
<b>Message</b>	msg= "Received a device update request, SN=<serial_number>, Address=<ip_address>, object: <obj_path>, pre_version: <full_version>, new_version: <new full_version>"
<b>Description</b>	Received a device update request from device with given serial number. The change in version number is also displayed as well.

<b>Severity</b>	Information
<b>Message</b>	msg= "Receive an update package from FDS, firmware=<firmware>, type=<type>, version=<version>"
<b>Description</b>	Received an update package from FDS with the given firmware number, type, and version number.

<b>Severity</b>	Critical
<b>Message</b>	msg= "FortiGuard Service: Disk usage has exceeded disk quota!"
<b>Description</b>	FortiGuard service disk quota has been exceeded.

<b>Severity</b>	Warning
<b>Message</b>	msg= "FortiGuard Service: Disk usage is near disk quota! Over <percentage used>% used!"
<b>Description</b>	FortiGuard service disk usage is as the specified percentage of quota.

<b>Severity</b>	Error
<b>Message</b>	msg= "This is proxy error, no need retry"
<b>Description</b>	There is a proxy error so there is no reason to retry because it will always fail.

<b>Severity</b>	Error
<b>Message</b>	msg= "Polling failed. give up."
<b>Description</b>	Polling failed, do not retry.

<b>Severity</b>	Error
<b>Message</b>	msg= "Polling failed. service disabled"
<b>Description</b>	Polling failed because the service was disabled

<b>Severity</b>	Error
<b>Message</b>	msg= "Generate whitelist[<index>]: Can not get sublist_shm"
<b>Description</b>	<p>Generating whitelist but cannot get shared memory sublist</p> <p>Whitelist is composed of every device which has:</p> <ul style="list-style-type: none"> <li>(1) valid license and registered (in devices.txt or redistuid.txt), or</li> <li>(2) valid license and non-registered but UM_ACCEPT_UNREGDEV_ENABLE_SERVICE is set.</li> </ul>

<b>Severity</b>	Error
<b>Message</b>	msg= "<function name>: Can not attach shared memory. err:<error number>(<error message>)"
<b>Description</b>	Could not attach to shared memory and the function where this error occurred with the given error number and a specific error message.

<b>Severity</b>	Error
<b>Message</b>	msg= "<function name>: Failed to detach sublist shared memory, err:<error number>(<error message>)"
<b>Description</b>	Failed to detach sublist shared memory and the function where this error occurred along with the error number and a specific error message.

<b>Severity</b>	Error
<b>Message</b>	msg= "Can not switch to new shared memory new_shmid:<shmid>"
<b>Description</b>	Cannot switch to the specified new shared memory.

<b>Severity</b>	Error
<b>Message</b>	msg= "sub_check_contract: shm_handler is NULL"
<b>Description</b>	Handler is NULL meaning there is most likely no such user.

<b>Severity</b>	Error
<b>Message</b>	msg= "sub_check_contract: sublist is NULL"
<b>Description</b>	There are no sublist entries.

<b>Severity</b>	Warning
<b>Message</b>	msg= "[<service name>] subscriber update: shmid=<shmid> handler_id=<handler_id> return=<return value> whitelist_size=[<wf_size>,<as_size>]"
<b>Description</b>	Whitelist did not update because shared memory switch was not successful. The shared memory ID, handler ID and other information are given.

<b>Severity</b>	Warning
<b>Message</b>	user=fgdsvr msg= "Fail to attach share memory(id=FGD) for 10 seconds"
<b>Description</b>	Failed to attach shared memory after 10 seconds.

<b>Severity</b>	Warning
<b>Message</b>	user=fgdsvr msg= "<svc_name>: INIT request(unauthorized): ip=<requester ip_address>, sn=<device id>, license_type=<license_type>, expiration=<expiration date>, setup=<need_setup>"
<b>Description</b>	FortiGuard has invalid license. Information regarding the device, (ie. IP, device ID, license type, expiration and the setup) is shown.

<b>Severity</b>	Warning
<b>Message</b>	user=fgdsvr msg= "<svc_name>: SPAM query(unauthorized): ip=<requester ip_address> sn=<device_id>"
<b>Description</b>	FortiGuard has invalid license. IP address and device ID of the requester is given.

<b>Severity</b>	Warning
<b>Message</b>	user=fgdsvr msg= "<svc_name>: URL query(unauthorized): ip=<requester ip_address>, sn=<device_id>"
<b>Description</b>	FortiGuard has invalid license. IP address and device ID of the requester is given.

<b>Severity</b>	Warning
<b>Message</b>	user=fgdupd msg= "Make tmp_db failed."
<b>Description</b>	Failed to make temporary database.

<b>Severity</b>	Warning
<b>Message</b>	user=fgdupd msg= "<svc_name> db was broken"
<b>Description</b>	The specified database failed database check validation.

# Event-FortiClient Manager

Event-FortiClient Manager log messages are recorded when an event occurred with regards to FortiClient Manager. Event-FortiClient manager log messages are identified by the message ID 61001.

## 61001 Event-FortiClient Manager

<b>Severity</b>	Information
<b>Message</b>	msg= "FCM: Refused the registration from Enterprise FortiClient(<host_name>, ip=<forticlient ip_address>, uid=<user_id>)"
<b>Description</b>	Enterprise license model is fixed so registration from specified FortiClient was refused.

<b>Severity</b>	Information
<b>Message</b>	msg= "FCM: FortiClient(<host_name>, ip=<forticlient ip_address>, uid=<user_id>) registered as managed client"
<b>Description</b>	FortiClient with the specified hostname, IP address, and UID is registered as a managed client.

<b>Severity</b>	Information
<b>Message</b>	msg= "FCM: FortiClient(<host_name>, ip=<forticlient ip_address>, uid=<user_id>, license=<client_key>) registered as managed client"
<b>Description</b>	Under redistributable licensing, FortiClient with the specified hostname, IP address, UID and license is registered as a managed client.

<b>Severity</b>	Warning
<b>Message</b>	msg= "FCM: FortiClient(<host_name>, ip=<forticlient ip_address>, uid=<user_id>) registered as temporary client, with reason <error description>"
<b>Description</b>	Enterprise license: FortiClient with specified information was registered as a temporary client because of the specified error/reason.

<b>Severity</b>	Warning
<b>Message</b>	msg= "FCM: FortiClient(<host_name>, ip=<forticlient ip_address>, uid=<user_id>, license=<client_key>) registered as unlicensed client, with reason <error description>"
<b>Description</b>	Enterprise license: FortiClient with the specified information was registered as an unlicensed client because of the specified error/reason.

<b>Severity</b>	Information
<b>Message</b>	msg= "FCM: FortiClient(<host_name>, ip=<forticlient ip_address>, uid=<user_id>) registered as temporary client"
<b>Description</b>	FortiClient with the specified information was registered as a temporary client.

<b>Severity</b>	Information
<b>Message</b>	msg= "FCM: FortiClient(<host_name>, ip=<forticlient ip_address>, uid=<user_id>) moved to group(<new group name>)"
<b>Description</b>	The specified FortiClient was moved to a new group.

<b>Severity</b>	Information
<b>Message</b>	msg= "FCM: Done deploy configurations to client (<host_name>, ip=<forticlient ip_address>)"
<b>Description</b>	Configurations are deployed successfully to the specified client.

<b>Severity</b>	Information
<b>Message</b>	msg= "FCM: Done deploy FortiClient upgrade package to client (<host_name>, ip=<forticlient ip_address>)"
<b>Description</b>	FortiClient upgrade package deployed successfully to specified client.

<b>Severity</b>	Information
<b>Message</b>	msg= "FCM: Done deploy license key(<license key info>) to client (<host_name>, ip=<forticlient ip_address>)"
<b>Description</b>	License key was deployed successfully to specified client.

<b>Severity</b>	Information
<b>Message</b>	msg= "FCM: Done perform av scan of client(<host_name>, ip=<forticlient ip_address>)"
<b>Description</b>	AntiVirus scan on specified client performed and completed.

<b>Severity</b>	Information
<b>Message</b>	msg= "FCM: Done retrieve configurations from client (<host_name>, ip=<forticlient ip_address>)"
<b>Description</b>	Finished retrieving configuration from specified client.

<b>Severity</b>	Error
<b>Message</b>	msg= "FCM: Fail to deploy FortiClient upgrade package to client (ip=<forticlient ip_address>, uid=<user_id>): <error description>"
<b>Description</b>	Failed to deployed FortiClient upgrade package to specified client due to the error described.

<b>Severity</b>	Information
<b>Message</b>	msg= "FCM: Done send lockdown to client (<host_name>, ip=<forticlient ip_address>)"
<b>Description</b>	Lockdown sent down to specified client.

<b>Severity</b>	Information
<b>Message</b>	msg= "FCM: Complete a round of external validation for all clients"
<b>Description</b>	All FortiClients are validated one by one in external validation.

<b>Severity</b>	Information
<b>Message</b>	msg= "FCM: CLI: Add temporary client (<host_name>) to managed"
<b>Description</b>	Temporary client is now added as managed device.

<b>Severity</b>	Information
<b>Message</b>	msg= "FCM: CLI: Apply lockdown setting to all clients"
<b>Description</b>	Lockdown is applied to all clients.

<b>Severity</b>	Information
<b>Message</b>	msg= "FCM: CLI: Apply lockdown setting to all clients"
<b>Description</b>	Lockdown is applied to specific client.

<b>Severity</b>	Information
<b>Message</b>	msg= "FCM: CLI: Apply lockdown settings to group (<group_name>)"
<b>Description</b>	Lockdown settings is applied to the specified group.

<b>Severity</b>	Information
<b>Message</b>	msg= "FCM: CLI: Refresh dynamic grouping"
<b>Description</b>	Successfully refreshed dynamic group members.

<b>Severity</b>	Information
<b>Message</b>	msg= "FCM: CLI: renamme group"
<b>Description</b>	Successfully renamed the group.

<b>Severity</b>	Information
<b>Message</b>	msg= "FCM: CLI: Deploy configurations to client (<host_name>)"
<b>Description</b>	Configurations deployed to specific client through CLI.

<b>Severity</b>	Information
<b>Message</b>	msg= "FCM: CLI: Deploy configurations to group (<group_name>)"
<b>Description</b>	Configurations deployed to specified group through CLI.

<b>Severity</b>	Information
<b>Message</b>	msg= "FCM: CLI: Deploy configurations to all ungrouped clients"
<b>Description</b>	Install policies to all ungrouped clients through CLI.

<b>Severity</b>	Information
<b>Message</b>	msg= "FCM: CLI: Deploy package to client (<host_name>)"
<b>Description</b>	Package is deployed to the specified client through CLI.

<b>Severity</b>	Information
<b>Message</b>	msg= "FCM: CLI: Deploy package to group (<group_name>)"
<b>Description</b>	Package is deployed to the specified group through CLI.

<b>Severity</b>	Information
<b>Message</b>	msg= "FCM: CLI: Deploy package to all clients"
<b>Description</b>	Package is deployed to all clients through CLI.

<b>Severity</b>	Information
<b>Message</b>	msg= "FCM: CLI: Retrieve configurations from client (<host_name>)"
<b>Description</b>	Configuration retrieved from the specified client through CLI.

<b>Severity</b>	Information
<b>Message</b>	msg= "FCM: CLI: Download enterprise license information from FDS"
<b>Description</b>	Enterprise license information is downloaded from FDS through CLI.

<b>Severity</b>	Information
<b>Message</b>	msg= "FCM: CLI: Revoke the client (<host_name>)"
<b>Description</b>	The specified client has its license revoked through CLI.

<b>Severity</b>	Information
<b>Message</b>	msg= "FCM: CLI: Succeeded in granting the client (<host_name>)"
<b>Description</b>	Succeeded in granting the specified client through CLI.

<b>Severity</b>	Warning
<b>Message</b>	msg= "FCM: CLI: Failed to grant the client (<host_name>): <error description>"
<b>Description</b>	Failed to grant the specified client through CLI with the reason why it failed described.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "FCM: CLI: Commit Edit client group (<group_name>)"
<b>Description</b>	Specified group commit was successfully through CLI.

<b>Severity</b>	Warning
<b>Message</b>	user=<user_name> msg= "FCM: CLI: Remove client group (<group_name>)"
<b>Description</b>	The specified client group was removed through CLI.

<b>Severity</b>	Warning
<b>Message</b>	user=<user_name> msg= "FCM: CLI: Remove client (<host_name>)"
<b>Description</b>	The specified client was removed through CLI.

<b>Severity</b>	Information
<b>Message</b>	msg= "FCM: FortiClient(<host_name>, ip=<forticlient ip_address>, uid=<user_id>) moved to group(<group_name>)"
<b>Description</b>	The specified FortiClient with the given information was moved to the specified group.

<b>Severity</b>	Information
<b>Message</b>	msg= "FCM: FortiClient(<host_name>, ip=<forticlient ip_address>, uid=<user_id>) has been ungrouped"
<b>Description</b>	The specified FortiClient has been removed from a group.

<b>Severity</b>	Information
<b>Message</b>	msg= "FCM: New official released upgrade package(<version> <platform>) is available from FDS"
<b>Description</b>	A new official release upgrade package with the given version and platform is available from FDS.

<b>Severity</b>	Information
<b>Message</b>	msg= "FCM: Old official released upgrade package(<version> <platform>) is deleted from FDS"
<b>Description</b>	An old official released upgrade package with the given version and platform is deleted from FDS.

<b>Severity</b>	Warning
<b>Message</b>	msg= "FCM: client (<host_name>, ip=<forticlient ip_address>) does not support software upgrade."
<b>Description</b>	The specified client being upgraded does not support this software upgrade.

<b>Severity</b>	Warning
<b>Message</b>	msg= "FCM: FortiClient count reaches the upper limit of FortiManager."
<b>Description</b>	Enterprise license has reached the seat limit.

<b>Severity</b>	Warning
<b>Message</b>	msg= "FCM: Enterprise license key(<license_key>) failed in validation"
<b>Description</b>	Invalid key, the enterprise license key failed validation.

<b>Severity</b>	Warning
<b>Message</b>	msg= "FCM: Client license key (<client_license>) is disabled"
<b>Description</b>	The specified client license key is disabled.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "FCM: Deploy FortiClient antivirus scan action(<scan_info>)"
<b>Description</b>	Deploy AntiVirus scan action to devices.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "FCM: Deploy configurations to all clients"
<b>Description</b>	Deploy configurations to all managed clients.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "FCM: Deploy configurations to group(s): <group_names>"
<b>Description</b>	Configurations deployed to the listed groups.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "FCM: Deploy key to free licence client(<host_name>, ip=<forticlient ip_address>, uid=<user_id>)"
<b>Description</b>	Deploy key to the specified client using free license.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "FCM: Deploy volume key to free licence client(<host_name>, ip=<forticlient ip_address>, uid=<user_id>)"
<b>Description</b>	Deploy volume key to the specified client currently using free license.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "FCM: Delete the free edition client(<host_name>, ip=<forticlient ip_address>, uid=<user_id>)"
<b>Description</b>	Delete the specified free edition client.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "FCM: Delete all the free edition clients!"
<b>Description</b>	Delete all free edition clients.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "FCM: Deploy configurations to client(s): <client list>"
<b>Description</b>	Deploy configuration to all clients being listed.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "FCM: Retrieve configuration from client(s): <client list>"
<b>Description</b>	Retrieve configuration from the listed clients.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "FCM: Set client (<host_name>) to group (<group_name>)"
<b>Description</b>	Associate the specified client to the specified group.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "FCM: Set client (<host_name>) to ungrouped"
<b>Description</b>	Ungroup the client with the given host name.

<b>Severity</b>	Warning
<b>Message</b>	user=<user_name> msg= "FCM: Remove all temporary client(s)"
<b>Description</b>	Remove all temporary clients.

<b>Severity</b>	Warning
<b>Message</b>	user=<user_name> msg= "FCM: Add temporary client(<host_name>, ip=<forticlient ip_address>, uid=<user_id>) as managed"
<b>Description</b>	Add a temporary client with the specified hostname, IP address, and UID as managed.

<b>Severity</b>	Warning
<b>Message</b>	user=<user_name> msg= "FCM: Remove temporary client(<host_name>, ip=<forticlient ip_address>, uid=<user_id>)"
<b>Description</b>	Remove the specified temporary client.

<b>Severity</b>	Warning
<b>Message</b>	user=<user_name> msg= "FCM: Remove all unlicensed client(s)"
<b>Description</b>	Remove all unlicensed clients.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "FCM: Grant unlicensed client(<host_name>, ip=<forticlient ip_address>, uid=<user_id>) as managed"
<b>Description</b>	Grant the specified unlicensed client as managed.

<b>Severity</b>	Warning
<b>Message</b>	user=<user_name> msg= "FCM: Failed to grant unlicensed client(<host_name>, ip=<forticlient ip_address>, uid=<user_id>, license=<grant_key>) as managed"
<b>Description</b>	Failed to grant the specified unlicensed client as managed.

<b>Severity</b>	Warning
<b>Message</b>	user=<user_name> msg= "FCM: Remove unlicensed client(<host_name>, ip=<forticlient ip_address>, uid=<user_id>)"
<b>Description</b>	Remove the specified unlicensed client.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "FCM: Edit client group (<group_name>)"
<b>Description</b>	Edit the particular client group.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "FCM: Add new client group (<group_name>)"
<b>Description</b>	Add a new client group.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "FCM: Refresh dynamic grouping"
<b>Description</b>	Refresh dynamic members after adding dynamic group.

<b>Severity</b>	Warning
<b>Message</b>	user=<user_name> msg= "FCM: Remove client group (<group_name>)"
<b>Description</b>	Remove the specified client group.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "FCM: Add new AD grouping setting (name=<group_name>)"
<b>Description</b>	Add a new or edit Active Directory grouping setting.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "FCM: Remove AD group setting (name=<group_name>)"
<b>Description</b>	Remove Active Directory group setting.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "FCM: Add new enterprise client license (<client_license_key>)"
<b>Description</b>	Create a new enterprise client license with the specific key.

<b>Severity</b>	Warning
<b>Message</b>	user=<user_name> msg= "FCM: Remove the enterprise client license(<client_name>)"
<b>Description</b>	Remove the specified enterprise client license.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "FCM: FCM Clustering has been {enabled   disabled}"
<b>Description</b>	FCM clustering has been enabled or disabled.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "FCM: Import FortiClient Configuration file <file name>"
<b>Description</b>	FortiClient configuration file with the specified name is imported.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "FCM: Global lockdown setting changed"
<b>Description</b>	Global lockdown settings were changed.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "FCM: Apply global lockdown setting to all clients"
<b>Description</b>	Apply global lockdown settings to all clients.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "FCM: Global settings changed"
<b>Description</b>	Global settings have changed.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "FCM: Remove group-administration assign for administrator(<user_id>)"
<b>Description</b>	The specified administrator has been removed from group-administration.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "FCM: Edit group-administration assign for administrator(<user_id>)"
<b>Description</b>	Edit group-administration assignment for the specified administrator.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "FCM: Add new group-administration assign for administrator(<user_id>)"
<b>Description</b>	Add a new group-administration assignment for the specified administrator.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "FCM: Remove FortiClient license key (<license_key>)"
<b>Description</b>	Remove the specified FortiClient license key.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "FCM: Deploy FortiClient license key(<license_key>)"
<b>Description</b>	Deploy license key to devices.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "FCM: Deploy all FortiClient license key(s)"
<b>Description</b>	Deploy all FortiClient license keys.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "FCM: Edit FortiClient license key(<license_key>)"
<b>Description</b>	Edit the specified FortiClient license key.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "FCM: Add new FortiClient license key(<license_key>)"
<b>Description</b>	Add a new FortiClient license key.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "FCM: Remove LDAP setting (name=<ldap_name>)"
<b>Description</b>	Remove the specified LDAP settings.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "FCM: Add new LDAP setting (name=<ldap_name>)"
<b>Description</b>	Add new or edit a LDAP setting.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "FCM: Send lockdown to device(<host_name>)"
<b>Description</b>	Send lockdown to the device with the specified host name.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "FCM: Send lockdown to group(<group_name>)"
<b>Description</b>	Send lockdown to the specified group.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "FCM: Deploy FortiClient upgrade package(version=<version>) to group(s): <group_names>"
<b>Description</b>	Specified FortiClient upgrade package is deployed to the listed groups.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "FCM: Deploy FortiClient upgrade package(version=<version>) to client: (<host_name>, ip=<forticlient ip_address>)"
<b>Description</b>	Specified FortiClient upgrade package is deployed to the specified client.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "FCM: New upgrade package(<version> <platform>) was imported to replace the old one"
<b>Description</b>	A new upgrade package with the given version and platform was imported to replace the old one.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "FCM: New upgrade package(<version> <platform>) was imported"
<b>Description</b>	A new upgrade package with the given version and platform was imported.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "FCM: Import FortiClient upgrade package (version='<version>', platform='<platform>')"
<b>Description</b>	Imported a FortiClient upgrade package with the given version and platform.

<b>Severity</b>	Warning
<b>Message</b>	user=<user_name> msg= "FCM: Remove all FortiClient upgrade package entries and downloaded package files"
<b>Description</b>	Remove all FortiClient upgrade package entries and downloaded package files.

<b>Severity</b>	Warning
<b>Message</b>	user=<user_name> msg= "FCM: Remove FortiClient upgrade package entry (version=<version>, platform=<platform>)"
<b>Description</b>	Remove the specific FortiClient upgrade package entry.

<b>Severity</b>	Error
<b>Message</b>	user=<user_name> msg= "FCM: Failed to download FortiClient upgrade package(ID=<package_id>)"
<b>Description</b>	Failed to download FortiClient upgrade package with package ID.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "FCM: Download FortiClient upgrade package(ID=<package_id>)"
<b>Description</b>	Successfully downloaded FortiClient upgrade package.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "FCM: FortiClient upgrade package(ID=<package_id>) was downloaded"
<b>Description</b>	FortiClient upgrade package was downloaded successfully.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "FCM: Enterprise license setting has been changed"
<b>Description</b>	Enterprise license setting has been changed.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "FCM: Enterprise license has been downloaded from FDS successfully"
<b>Description</b>	Enterprise license has been downloaded from FDS successfully.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "FCM: Validation information of enterprise license has been downloaded from FDS successfully"
<b>Description</b>	Validation information of enterprise license has been downloaded from FDS successfully.

<b>Severity</b>	Warning
<b>Message</b>	user=<user_name> msg= "FCM: Remove all managed client(s)"
<b>Description</b>	All managed clients are removed.

<b>Severity</b>	Warning
<b>Message</b>	user=<user_name> msg= "FCM: Remove client (<host_name>, ip=<forticlient ip_address>, uid=<user_id>)"
<b>Description</b>	The specific client with the given hostname, IP, and UID was removed.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "FCM: Change membership of group for client (<host_name>, ip=<forticlient ip_address>, <extra_info>)"
<b>Description</b>	The specified client group membership is changed.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "FCM: Change roaming attribute for client (<host_name>, ip=<forticlient ip_address>, <extra_info>)"
<b>Description</b>	Roaming attribute for the specified client is changed.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "FCM: Revoke client (<host_name>, ip=<forticlient ip_address>)"
<b>Description</b>	The specified client is now revoked.

# Event-Object Change

Event-Object Change log messages are recorded when an event occurred with regards to copying objects to the global level. These log messages are identified by the message ID 70001.

## 70001 Event-Object Change

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "copy objects to global fail"
<b>Description</b>	Failed to copy objects to global level.

<b>Severity</b>	Information
<b>Message</b>	user=<user_name> msg= "copy objects to global succeed"
<b>Description</b>	Objects were copied to global level successfully.

# Event-Device Manager

Event-Device Manager log messages are identified by the message ID 73001.

## 73001 Event-Device Manager

<b>Severity</b>	Information
<b>Message</b>	user=<administrator_name> msg= "device <device_name> change succeeded"
<b>Description</b>	Device with the specified name was changed successfully.

