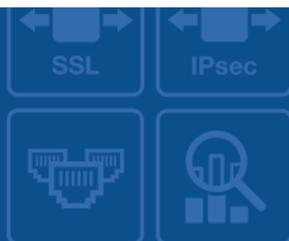




FortiManager & FortiAnalyzer - Event Log Reference

VERSION 5.4.2



FORTINET DOCUMENT LIBRARY

<http://docs.fortinet.com>

FORTINET VIDEO GUIDE

<http://video.fortinet.com>

FORTINET BLOG

<https://blog.fortinet.com>

CUSTOMER SERVICE & SUPPORT

<https://support.fortinet.com>

FORTIGATE COOKBOOK

<http://cookbook.fortinet.com>

FORTINET TRAINING SERVICES

<http://www.fortinet.com/training>

FORTIGUARD CENTER

<http://www.fortiguard.com>

END USER LICENSE AGREEMENT

<http://www.fortinet.com/doc/legal/EULA.pdf>

FEEDBACK

Email: techdocs@fortinet.com



December 14, 2016

FortiManager & FortiAnalyzer 5.4.2 Event Log Reference

05-542-310768-20161214

TABLE OF CONTENTS

Change Log	5
Introduction	6
Log Types and Sub Types	6
FortiManager Log Types and Subtypes	6
FortiAnalyzer Log Types and Subtypes	7
Log Messages	7
Priority Levels	8
FortiManager & FortiAnalyzer 5.4.2 Event Log Messages	10
Event	10
DEVCFG	10
DEVOPS	10
DM	11
DVM	14
EPMGR	15
FAZ	15
FCTMGR	16
FGD	17
FGFM	19
FIPS	20
FMGWS	21
FMLMGR	22
FMWMGR	22
GLBCFG	23
HA	24
IOLOG	25
LOGD	25
LRMGR	26
OBJCFG	26
REV	27
RTMON	27
SCFW	28
SCPLY	29
SCRMGR	30
SCVPN	30

SYSTEM	31
WEBPORT	35
Appendix A: Log field diff - 5.4.1 and 5.4.2	36
Event	36
FGD	36
SYSTEM	36

Change Log

Date	Change Description
2016-12-14	Initial release of 5.4.2.

Introduction

This reference provides detailed information about FortiManager & FortiAnalyzer log messages. This reference is intended for administrators that have enabled, and configured local logging on their FortiManager & FortiAnalyzer devices. The log types described in this document report log information useful for system administrators when recording, monitoring, and tracing the operation of FortiManager & FortiAnalyzer devices.

Log Types and Sub Types

FortiManager 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, a Policy console log message contains the numbers 31001.

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

Type	Description	Sub Type	Subtype Category Number
Event	Records system and administrative events, such as downloading a backup copy of the configuration, or daemon activities.	System Manager	00
		FortiGuard-FortiManager protocol (fgfm)	01
		Script Manager	04
		Web Portal	05
		Policy Console	07
		Deployment Manager	11
		Real-Time Monitor	12
		High Availability (HA)	14
		FortiGuard Service	16
		Object Change (objcfg)	20
		Device Manager (dvm)	21

FortiAnalyzer Log Types and Subtypes

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

Type	Description	Sub Type	Subtype Category Number
Event	Records system and administrative events, such as downloading a backup copy of the configuration, or daemon activities.	Admin	04
		Config	00
		Ipsec	01
		System	06

Log Messages

All FortiAnalyzer and 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.

FortiManager Example:

```
2013-04-02 12:44:21 log_id=0016058001 type=event subtype=fgd
pri=information user=user_2 msg="Receive an update package from FDS,
type=OBLT00000, version=00000.00000-090571930"
```

Log Message Breakdown

Log Field	Description
Date: 2013-04-02	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 is the message ID number.
Type: event	The section of the system where the event occurred.
Subtype: fgd	The subtype of each log message.

Log Field	Description
Pri: information	The severity level, or priority, or the event. There are six ;priority 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.

FortiAnalyzer Example:

```
date=2009-12-22 time=13:15:01 log_id=0100000045 type=event subtype=config
pri=warning device_id=FL800B3908000420 user=admin ui=GUI(172.20.120.46)
action=config msg="User deleted device 'FGT5002803033050'"
```

Log Message Breakdown

Log Field	Description
Date: 2009-12-22	The year, month, and day when the event occurred in the format: YY-MM-DD
Time: 13:15:01	The hour, minute and second of when the event occurred.
Log ID: 0100000045	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 is the message ID number.
Type: event	The section of the system where the event occurred.
Subtype: config	The subtype of each log message.
Pri: warning	The severity level, or priority, or the event. There are six ;priority severity levels.
User: admin	The name of the user creating the traffic.
Msg: User deleted device 'FGT5002803033050'	Explains the activity or event that the FortiAnalyzer unit recorded.

Priority 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. 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.

Level (0 is highest)	Name	Description
0	Emergency	The system is unusable or not responding.
1	Alert	Immediate action required. Used in security logs.
2	Critical	Functionality is affected.
3	Error	An error exists and functionality could be affected.
4	Warning	Functionality could be affected.
5	Notification	Information about normal events.
6	Information	General information about system operations. Used in event logs to record configuration changes.
7	Debug	Detailed information useful for debugging purposes.

FortiManager & FortiAnalyzer 5.4.2 Event Log Messages

The following tables list the FortiManager & FortiAnalyzer 5.4.2 Event log messages.

Event

DEVCFG

Log Field Name	Description	Data Type	Length
date	Date	string	10
log_id	Log ID	uint32	10
msg	Message	string	1024
pri	Priority	string	11
subtype	Log Subtype	string	7
time	Time	string	8
type	Log Type	string	14
user	User Name	string	64

DEVCFG Log Messages

The following table describes the log message IDs and messages of the DEVCFG log.

Message ID	Message	Severity
12002	LOG_ID_installcmd	Notice

DEVOPS

Log Field Name	Description	Data Type	Length
date	Date	string	10
device	Name of the Device	string	64
log_id	Log ID	uint32	10

Log Field Name	Description	Data Type	Length
msg	Message	string	1024
pri	Priority	string	11
subtype	Log Subtype	string	7
time	Time	string	8
type	Log Type	string	14
user	User Name	string	64
userfrom	Login Session User From	string	64

DEVOPS Log Messages

The following table describes the log message IDs and messages of the DEVOPS log.

Message ID	Message	Severity
36002	LOG_ID_reboot	Critical
36003	LOG_ID_shutdown	Critical

DM

Log Field Name	Description	Data Type	Length
adom	The name of Admin ADOM	string	64
adom_oid	The OID of target ADOM	uint64	20
condition	DVM Dev Condition	string	9
confstatus	Conf Sync Status	string	128
connect_status	Status of connection to the device	string	7
constmsg	Constant Message	string	256
date	Date	string	10
dbstatus	DVM Device Status	string	128
device	Name of the Device	string	64

Log Field Name	Description	Data Type	Length
dev_oid	The OID of Target Device	uint64	20
dmstate	dvm dm states	string	12
instpkg	Name of Policy Package which is installed	string	64
log_id	Log ID	uint32	10
msg	Message	string	1024
pkg	Name of Policy Package which is installed	string	64
pkg_oid	The OID of the package to be installed	uint64	20
pri	Priority	string	11
result	The result of the operation	string	128
revision	The ID of the revision that is operated	uint64	20
script	Name of the script	string	128
serial	Serial Number of the device	string	32
status	Operation Result	string	12
subtype	Log Subtype	string	7
time	Time	string	8
type	Log Type	string	14
user	User Name	string	64
userfrom	Login Session User From	string	64
ustr	Extra log information	string	512
vdom	Virtual Domain of a device	string	128
vdoms	List of vdoms to which revision is installed	string	1024

DM Log Messages

The following table describes the log message IDs and messages of the DM log.

Message ID	Message	Severity
21002	LOG_ID_update_n_export_db	Error
21004	LOG_ID_schedule_install_adom	Information
21005	LOG_ID_schedule_install_global	Information
21006	LOG_ID_schedule_install_device	Information
21007	LOG_ID_install_script	Information
21008	LOG_ID_update_and_save	Information
21009	LOG_ID_cfg_checkin	Notice
21010	LOG_ID_cfg_retrieve	Notice
21011	LOG_ID_cfg_import	Notice
21012	LOG_ID_cfg_sync	Notice
21013	LOG_ID_cfg_edit	Notice
21014	LOG_ID_cfg_revert	Notice
21015	LOG_ID_cfg_install	Notice
21016	LOG_ID_cfg_delrev	Notice
21017	LOG_ID_cfg_download	Notice
21018	LOG_ID_dev_state	Information
21019	LOG_ID_adom_rev_import_info	Information
21020	LOG_ID_adom_rev_import_error	Error
21021	LOG_ID_add_fortiap	Notice
21022	LOG_ID_connect_status	Alert
21023	LOG_ID_policy_package_install	Information
21024	LOG_ID_policy_package_install_failure	Error
21025	LOG_ID_cfg_install_preview	Notice

DVM

Log Field Name	Description	Data Type	Length
action	Action towards this device	string	6
adom	The name of Admin ADOM	string	64
date	Date	string	10
device	Name of the Device	string	64
dvm_adom	The name of ADOM which contains target device	string	64
log_id	Log ID	uint32	10
msg	Message	string	1024
pri	Priority	string	11
subtype	Log Subtype	string	7
time	Time	string	8
type	Log Type	string	14
user	User Name	string	64
userfrom	Login Session User From	string	64

DVM Log Messages

The following table describes the log message IDs and messages of the DVM log.

Message ID	Message	Severity
31002	LOG_ID_dev_reload	Notice
31003	LOG_ID_generic_info	Information
31004	LOG_ID_dvmlog_emerg	Emergency
31005	LOG_ID_dvmlog_alert	Alert
31006	LOG_ID_dvmlog_critical	Critical
31007	LOG_ID_dvmlog_error	Error
31008	LOG_ID_dvmlog_warning	Warning

Message ID	Message	Severity
31009	LOG_ID_dvmlog_notif	Notice
31010	LOG_ID_dvmlog_info	Information
31011	LOG_ID_dvmlog_debug	Debug

EPMGR

Log Field Name	Description	Data Type	Length
date	Date	string	10
log_id	Log ID	uint32	10
pri	Priority	string	11
subtype	Log Subtype	string	7
time	Time	string	8
type	Log Type	string	14

FAZ

Log Field Name	Description	Data Type	Length
action	Action of faz log	string	32
date	Date	string	10
log_id	Log ID	uint32	10
msg	Message	string	1024
pri	Priority	string	11
subtype	Log Subtype	string	7
time	Time	string	8
type	Log Type	string	14
user	User Name	string	64
userfrom	Login Session User From	string	64

FAZ Log Messages

The following table describes the log message IDs and messages of the FAZ log.

Message ID	Message	Severity
33002	LOG_ID_add_device	Information
33003	LOG_ID_aggregation	Information
33004	LOG_ID_del_archive	Warning
33005	LOG_ID_del_log	Warning
33006	LOG_ID_log	Notice
33007	LOG_ID_report	Information
33008	LOG_ID_sql	Information
33009	LOG_ID_send_mail	Information
33010	LOG_ID_upgrade	Information
33011	LOG_ID_upload	Notice
33012	LOG_ID_generic	Information
33013	LOG_ID_daemon_suspended	Emergency
33014	LOG_ID_daemon_resumed	Notice
33015	LOG_ID_license_limit	Warning
33016	LOG_ID_device_offline	Warning
33017	LOG_ID_device_online	Notice
33018	LOG_ID_QUOTA_ABNORMAL	Warning
33019	LOG_ID_cdb_obj_change	Information
33020	LOG_ID_cdb_obj_change_failure	Warning

FCTMGR

Log Field Name	Description	Data Type	Length
date	Date	string	10

Log Field Name	Description	Data Type	Length
log_id	Log ID	uint32	10
pri	Priority	string	11
subtype	Log Subtype	string	7
time	Time	string	8
type	Log Type	string	14

FGD

Log Field Name	Description	Data Type	Length
constmsg	Constant Message	string	256
date	Date	string	10
dbver	The Service Database Version	string	32
expiration	Expiration Time of the License	uint64	20
file	Filename of package to be imported or exported	string	256
license_type	License Type	uint8	3
log_id	Log ID	uint32	10
msg	Message	string	1024
new_version	New available version of the requested object	string	64
object	Filename of the requested object	string	256
package_desc		string	20
package_type	Identifier of Package Type	string	64
pre_version	Previous version of the requested object	string	64
pri	Priority	string	11
quota	Disk Quota Ratio in Percentage	uint8	3
rate	How many requests are handled per minute	uint64	20

Log Field Name	Description	Data Type	Length
remote_host		string	128
remote_ip	Remote Peer IP in String Presentation	string	64
remote_port	Remote Peer Port Number	uint16	5
rundb_ver	Version of the Running Database	string	32
serial	Serial Number of the device	string	32
service	Name of the starting service	string	128
setup	Whether it needs to setup or not	uint8	3
subtype	Log Subtype	string	7
time	Time	string	8
type	Log Type	string	14
uid	UID of a FortiClient installation	string	64
upddb_ver	Version of the updating database	string	32
url	Webfiltering requested URL	string	1024
user	User Name	string	64
version	The new version of updated object	string	32
whitelist_size	The size of white list table	string	32

FGD Log Messages

The following table describes the log message IDs and messages of the FGD log.

Message ID	Message	Severity
26002	LOG_ID_fmupdate_info	Information
26003	LOG_ID_fmupdate_error	Error
26004	LOG_ID_config	Information
26005	LOG_ID_linkdcmnd	Information
26006	LOG_ID_recv_connect_request	Information

Message ID	Message	Severity
26007	LOG_ID_rcv_update_request	Information
26008	LOG_ID_send_announcement	Information
26009	LOG_ID_rcv_update_response	Information
26010	LOG_ID_send_uppull_request	Error
26011	LOG_ID_append_subscriber	Information
26012	LOG_ID_disk_quota	Critical
26013	LOG_ID_uppull_error	Error
26014	LOG_ID_fguard_throughput	Information
26015	LOG_ID_url_hit	Debug
26016	LOG_ID_url_miss	Warning
26017	LOG_ID_spam	Warning
26018	LOG_ID_nonspam	Warning
26019	LOG_ID_fgdsvr_service	Debug
26020	LOG_ID_fgdsvr_statistic	Debug
26021	LOG_ID_fgdsvr_license	Warning
26022	LOG_ID_fgdsvr_debug	Debug
26023	LOG_ID_fgdsvr_warning	Warning
26024	LOG_ID_fgdsvr_error	Warning
26025	LOG_ID_fgdsvr_db_update	Warning

FGFM

Log Field Name	Description	Data Type	Length
date	Date	string	10
device	Name of the Device	string	64

Log Field Name	Description	Data Type	Length
log_id	Log ID	uint32	10
msg	Message	string	1024
offline_stat	Offline Mode Enabled or Disabled	string	8
pri	Priority	string	11
subtype	Log Subtype	string	7
time	Time	string	8
type	Log Type	string	14
user	User Name	string	64

FGFM Log Messages

The following table describes the log message IDs and messages of the FGFM log.

Message ID	Message	Severity
11002	LOG_ID_connection_up	Information
11003	LOG_ID_connection_down	Warning
11004	LOG_ID_offline_mode	Alert

FIPS

Log Field Name	Description	Data Type	Length
constmsg	Constant Message	string	256
date	Date	string	10
fips_err	FIPS test error code	string	12
fips_method	FIPS self-test method	string	128
log_id	Log ID	uint32	10
msg	Message	string	1024
operstat	Operation Result	string	12

Log Field Name	Description	Data Type	Length
pri	Priority	string	11
subtype	Log Subtype	string	7
time	Time	string	8
type	Log Type	string	14
user	User Name	string	64
userfrom	Login Session User From	string	64
when	FIPS test stage	string	7

FIPS Log Messages

The following table describes the log message IDs and messages of the FIPS log.

Message ID	Message	Severity
34002	LOG_ID_error_mode	Emergency
34003	LOG_ID_enable_fips_mode	Notice
34004	LOG_ID_self_test	Notice
34005	LOG_ID_encryption	Alert
34006	LOG_ID_decryption	Alert
34007	LOG_ID_prng	Alert

FMGWS

Log Field Name	Description	Data Type	Length
adom	The name of Admin ADOM	string	64
constmsg	Constant Message	string	256
date	Date	string	10
log_id	Log ID	uint32	10
pri	Priority	string	11

Log Field Name	Description	Data Type	Length
remote_host	Remote Host Name or Host IP in string presentation	string	128
subtype	Log Subtype	string	7
time	Time	string	8
type	Log Type	string	14
user	User Name	string	64

FMGWS Log Messages

The following table describes the log message IDs and messages of the FMGWS log.

Message ID	Message	Severity
32002	LOG_ID_connection	Error
32003	LOG_ID_login_notif	Notice
32004	LOG_ID_login_error	Error

FMLMGR

Log Field Name	Description	Data Type	Length
date	Date	string	10
log_id	Log ID	uint32	10
pri	Priority	string	11
subtype	Log Subtype	string	7
time	Time	string	8
type	Log Type	string	14

FMWMGR

Log Field Name	Description	Data Type	Length
adom	The name of Admin ADOM	string	64
date	Date	string	10

Log Field Name	Description	Data Type	Length
log_id	Log ID	uint32	10
msg	Message	string	1024
pri	Priority	string	11
subtype	Log Subtype	string	7
time	Time	string	8
type	Log Type	string	14
user	User Name	string	64
userfrom	Login Session User From	string	64

FMWMGR Log Messages

The following table describes the log message IDs and messages of the FMWMGR log.

Message ID	Message	Severity
25002	LOG_ID_emerg	Emergency
25003	LOG_ID_alert	Alert
25004	LOG_ID_critical	Critical
25005	LOG_ID_error	Error
25006	LOG_ID_warning	Warning
25007	LOG_ID_notif	Notice
25008	LOG_ID_info	Information
25009	LOG_ID_debug	Debug

GLBCFG

Log Field Name	Description	Data Type	Length
date	Date	string	10
log_id	Log ID	uint32	10

Log Field Name	Description	Data Type	Length
msg	Message	string	1024
pri	Priority	string	11
subtype	Log Subtype	string	7
time	Time	string	8
type	Log Type	string	14
user	User Name	string	64

GLBCFG Log Messages

The following table describes the log message IDs and messages of the GLBCFG log.

Message ID	Message	Severity
13002	LOG_ID_installcmd	Notice

HA

Log Field Name	Description	Data Type	Length
cause	Reason that causes HA status down	string	256
constmsg	Constant Message	string	256
date	Date	string	10
log_id	Log ID	uint32	10
module	Identifier of the HA Sync Module	uint32	10
msg	Message	string	1024
operstat	Operation Result	string	12
peer	Serial Number of HA peer	string	32
pri	Priority	string	11
status	HA status	string	4
subtype	Log Subtype	string	7

Log Field Name	Description	Data Type	Length
time	Time	string	8
type	Log Type	string	14

IOLOG

Log Field Name	Description	Data Type	Length
date	Date	string	10
function	The name of the Function Call	string	128
log_id	Log ID	uint32	10
msg	Message	string	1024
pid	Process ID	uint64	20
pri	Priority	string	11
subtype	Log Subtype	string	7
time	Time	string	8
type	Log Type	string	14
user	User Name	string	64
userfrom	Login Session User From	string	64

IOLOG Log Messages

The following table describes the log message IDs and messages of the IOLOG log.

Message ID	Message	Severity
29002	LOG_ID_system_keymsg	Debug

LOGD

Log Field Name	Description	Data Type	Length
date	Date	string	10
log_id	Log ID	uint32	10

Log Field Name	Description	Data Type	Length
msg	Message	string	1024
pri	Priority	string	11
subtype	Log Subtype	string	7
time	Time	string	8
type	Log Type	string	14
user	User Name	string	64

LOGD Log Messages

The following table describes the log message IDs and messages of the LOGD log.

Message ID	Message	Severity
35002	LOG_ID_log_view_notif	Notice
35003	LOG_ID_logdaemon_updown_notif	Notice

LRMGR

Log Field Name	Description	Data Type	Length
date	Date	string	10
log_id	Log ID	uint32	10
pri	Priority	string	11
subtype	Log Subtype	string	7
time	Time	string	8
type	Log Type	string	14

OBJCFG

Log Field Name	Description	Data Type	Length
adom	The name of Admin ADOM	string	64
date	Date	string	10

Log Field Name	Description	Data Type	Length
log_id	Log ID	uint32	10
msg	Message	string	1024
pri	Priority	string	11
subtype	Log Subtype	string	7
time	Time	string	8
type	Log Type	string	14
user	User Name	string	64
userfrom	Login Session User From	string	64

OBJCFG Log Messages

The following table describes the log message IDs and messages of the OBJCFG log.

Message ID	Message	Severity
30002	LOG_ID_cdbevlog	Notice

REV

Log Field Name	Description	Data Type	Length
date	Date	string	10
log_id	Log ID	uint32	10
pri	Priority	string	11
subtype	Log Subtype	string	7
time	Time	string	8
type	Log Type	string	14

RTMON

Log Field Name	Description	Data Type	Length
adom	The name of Admin ADOM	string	64

Log Field Name	Description	Data Type	Length
date	Date	string	10
log_id	Log ID	uint32	10
msg	Message	string	1024
pri	Priority	string	11
subtype	Log Subtype	string	7
time	Time	string	8
type	Log Type	string	14
user	User Name	string	64
userfrom	Login Session User From	string	64

RTMON Log Messages

The following table describes the log message IDs and messages of the RTMON log.

Message ID	Message	Severity
22002	LOG_ID_debug	Debug

SCFW

Log Field Name	Description	Data Type	Length
date	Date	string	10
log_id	Log ID	uint32	10
pri	Priority	string	11
subtype	Log Subtype	string	7
time	Time	string	8
type	Log Type	string	14

SCPLY

Log Field Name	Description	Data Type	Length
adom	The name of Admin ADOM	string	64
date	Date	string	10
detail	The task details	string	256
errno	The Error Code of the task	uint8	3
inst_adom	The name of ADOM which contains target device	string	64
inst_dev	The name of device on which policy is installed	string	64
log_id	Log ID	uint32	10
msg	Message	string	1024
percent	The percentage of this task being running	uint8	3
pkgadom	Name of ADOM to which this global policy package is assigned	string	64
ppkgname	Name of the global policy package that is assigned	string	64
pri	Priority	string	11
state	The state of the task	string	10
subtype	Log Subtype	string	7
time	Time	string	8
title	The task title	string	64
type	Log Type	string	14
user	User Name	string	64

SCPLY Log Messages

The following table describes the log message IDs and messages of the SCPLY log.

Message ID	Message	Severity
17002	LOG_ID_task_error	Error
17003	LOG_ID_task_debug	Debug

Message ID	Message	Severity
17004	LOG_ID_install_policy	Information
17005	LOG_ID_generic_error	Error
17006	LOG_ID_global_policy_package	Information

SCRMGR

Log Field Name	Description	Data Type	Length
date	Date	string	10
log_id	Log ID	uint32	10
msg	Message	string	1024
pri	Priority	string	11
subtype	Log Subtype	string	7
time	Time	string	8
type	Log Type	string	14
user	User Name	string	64
userfrom	Login Session User From	string	64

SCRMGR Log Messages

The following table describes the log message IDs and messages of the SCRMGR log.

Message ID	Message	Severity
14002	LOG_ID_scm2	Information

SCVPN

Log Field Name	Description	Data Type	Length
date	Date	string	10
log_id	Log ID	uint32	10
pri	Priority	string	11

Log Field Name	Description	Data Type	Length
subtype	Log Subtype	string	7
time	Time	string	8
type	Log Type	string	14

SYSTEM

Log Field Name	Description	Data Type	Length
address	IP address of login user	string	32
adminprof	Login User Admin Profile	string	64
adom	The name of Admin ADOM	string	64
adomlock	Name of adom which is locked/unlocked	string	64
attrname	Variable name of which value is changed	string	64
authmsg	SSH Authentication Message.	string	512
capacity	The percentage of Memory Capacity is used	uint8	3
category	Log Category	string	9
certname	Name of Certificate	string	64
certtype	Type of Certificate	string	27
cli_act	CLI Command Action	string	6
cmd_from	CLI Command From	string	8
comment	The description of this policy package	string	128
constmsg	Constant Message	string	256
date	Date	string	10
date_time	String Representation of date and time in Local Timezone	string	128
devlog	Name of the Device	string	64
dev_oid	The OID of Target Device	uint64	20

Log Field Name	Description	Data Type	Length
disk_label	Raid Disk Label	uint8	3
disk_stat_before	RAID Disk Status Before Change	string	11
disk_stat_current	RAID Disk Status After Change	string	11
dvmdb_obj	dvm_db object type	string	15
extrainfo	SSH Authentication extra information	string	512
file	The name of log file that is rolling and uploaded	string	128
importance	dvm_db Metafield Mtype	string	8
instpkg	Name of Policy Package which is installed	string	64
intfname	Interface Name	string	32
lickey_type	License Key Type	string	13
lnk_path	The name of the link file being transferred to the server	string	128
local_file	Local File include its path	string	128
log_id	Log ID	uint32	10
log_path	The original log file	string	128
log_size	The size of log file that is rolling and uploaded	uint64	20
max_mb	License Allowed Maximum Capacity in MB	uint32	10
metafield	dvm_db Metafield Name	string	128
metafield_leng	dvm_db Metafield Value Size	uint16	5
metafield_stat	dvm_db Metafield Status	string	8
msg	Message	string	1024
newname	New object name being renamed to	string	128
new_value	String representation of vlaue after being changed	string	64
objattr	CMDB Config Object Attribute	string	64
objname	Object Name	string	128

Log Field Name	Description	Data Type	Length
objtype	Object Type	string	64
old_value	String representation of value before being changed	string	64
operstat	Operation Result	string	12
path	CMDB Config Object Path	string	256
pkgadom	Name of ADOM this policy package belongs to	string	64
pkgname	Name of the Policy Package which is locked/unlocked	string	128
power_stat	Power Supplier Status	string	7
ppkgname	Name of the Policy Package which is locked/unlocked	string	128
pri	Priority	string	11
profname	Device Profile Object Name	string	64
protocol	Transmission Protocol used to backup all settings	string	10
pty_err	pty operation errno	string	12
pty_oper	pty operation type, get or put	string	3
pty_sess	pty session server type	string	4
pty_step	pty operation step	string	13
raid_stat_before	RAID Status Before Change	string	23
raid_stat_current	RAID Status After Change	string	23
reboot_reason	The reason for system reboot	string	128
remote_filename	Remote Filename on server side	string	128
remote_ip	Remote Peer IP in String Presentation	string	64
remote_path	Remote Path on server side	string	128
remote_port	Remote Peer Port Number	uint16	5
rolling_cur_number	Log Rolling Number that currently reached	uint32	10

Log Field Name	Description	Data Type	Length
rolling_max_allowed	Log Rolling Max Number that is allowed	uint32	10
shutdown_reason	The reason for system shutdown	string	128
sid	Session ID	uint32	10
state	Status	string	64
status	Interface Status	string	4
subtype	Log Subtype	string	7
supplier_id	Power Supplier ID	uint8	3
sw_version	Current Firmware Software Version	string	64
time	Time	string	8
to_build	The build no of the firmware that is upgraded to	uint16	5
to_release	The release of the firmware that is upgraded to	string	32
to_version	The version of the firmware that is upgraded to	string	32
type	Log Type	string	14
upgrade_adom	The name of ADOM to be upgraded	string	64
upgrade_from	The version, mr, build or branchpoint before upgrade	string	128
upgrade_to	The version, mr, build or branchpoint after upgrade	string	128
upg_act	Operation that is Failed	string	64
uploading_cur_number	The number of uploading process that currently reached	uint32	10
uploading_max_allowed	Max number of uploading process that is allowed	uint32	10
uploading_oper	Upload Operations	string	8
uploading_pid	Process ID of the uploading child process	uint64	20
uploading_server_type	The type of server that accepts the uploaded log	string	4

Log Field Name	Description	Data Type	Length
user	User Name	string	64
userfrom	Login Session User From	string	64
userid	pty operation login user id	string	64
user_type	Access restriction of session admin profile	string	8
use_mb	Used Capacity in MB	uint32	10
valid	If ssh user is valid or not	uint8	3
zip_path	The name of the gzip file being transferred to the server	string	128

WEBPORT

Log Field Name	Description	Data Type	Length
adom	The name of Admin ADOM	string	64
date	Date	string	10
log_id	Log ID	uint32	10
msg	Message	string	1024
pri	Priority	string	11
subtype	Log Subtype	string	7
time	Time	string	8
type	Log Type	string	14
user	User Name	string	64
userfrom	Login Session User From	string	64

WEBPORT Log Messages

The following table describes the log message IDs and messages of the WEBPORT log.

Message ID	Message	Severity
15002	LOG_ID_install	Information
15003	LOG_ID_notification	Notice

Appendix A: Log field diff - 5.4.1 and 5.4.2

Refer to the *FortiManager & Analyzer Event Log Reference Guide* for a complete list of log field details related to version 5.4.0. This section covers changes applicable to the 5.4.2 version only. It is recommended that you keep both the 5.4.0 and 5.4.2 *FortiManager & FortiAnalyzer Event Log Reference Guides* available for a comparison of log field delta between the versions.



For all reference purposes, in the tables provided below (see tables), the term **Removed** indicates that a log field was removed in version 5.4.2 but exists in version 5.4.0. Similarly, the term **Added** indicates that a log file was added in version 5.4.2 but does not exist in version 5.4.0.

Event

The following tables provide a list of log fields that were added or removed from the Event log subtypes in FortiManager and FortiAnalyzer version 5.4.2.

FGD

Log Field Name	Changes in Version 5.4.2
package_desc	Added

SYSTEM

Log Field Name	Changes in Version 5.4.2
method	Removed



FORTINET

High Performance Network Security



Copyright© 2016 Fortinet, Inc. All rights reserved. Fortinet®, FortiGate®, FortiCare® and FortiGuard®, and certain other marks are registered trademarks of Fortinet, Inc., in the U.S. and other jurisdictions, and other Fortinet names herein may also be registered and/or common law trademarks of Fortinet. All other product or company names may be trademarks of their respective owners. Performance and other metrics contained herein were attained in internal lab tests under ideal conditions, and actual performance and other results may vary. Network variables, different network environments and other conditions may affect performance results. Nothing herein represents any binding commitment by Fortinet, and Fortinet disclaims all warranties, whether express or implied, except to the extent Fortinet enters a binding written contract, signed by Fortinet's General Counsel, with a purchaser that expressly warrants that the identified product will perform according to certain expressly-identified performance metrics and, in such event, only the specific performance metrics expressly identified in such binding written contract shall be binding on Fortinet. For absolute clarity, any such warranty will be limited to performance in the same ideal conditions as in Fortinet's internal lab tests. In no event does Fortinet make any commitment related to future deliverables, features or development, and circumstances may change such that any forward-looking statements herein are not accurate. Fortinet disclaims in full any covenants, representations, and guarantees pursuant hereto, whether express or implied. Fortinet reserves the right to change, modify, transfer, or otherwise revise this publication without notice, and the most current version of the publication shall be applicable.