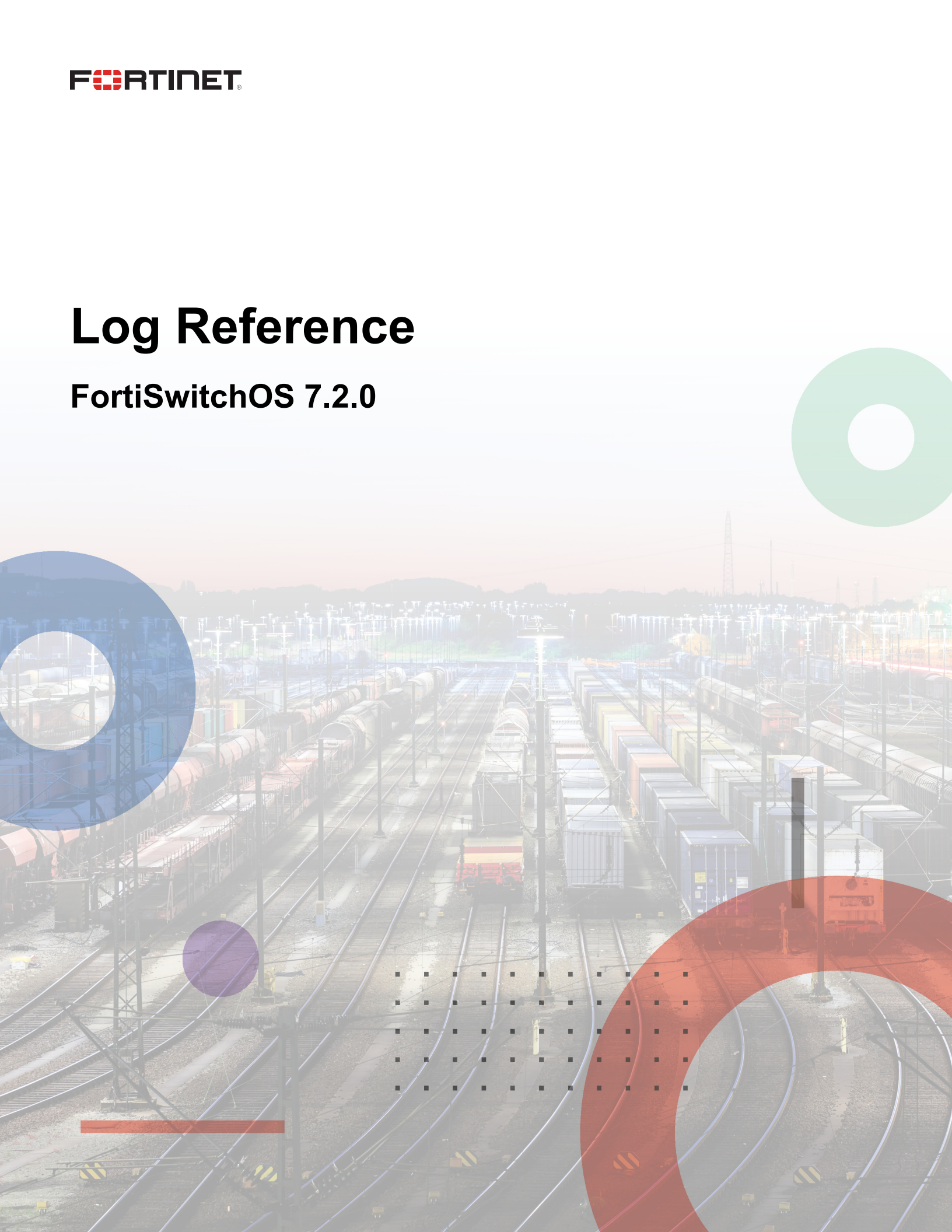


# Log Reference

**FortiSwitchOS 7.2.0**



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September 20, 2022

FortiSwitchOS 7.2.0 Log Reference

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## Change log

Date	Change Description
September 20, 2022	Initial document release for FortiSwitchOS 7.2.0

# Introduction

Logging is an integral component of the FortiSwitch system. This document provides the FortiSwitch event log messages and their meanings, organized by category.

## Priority levels

The Severity field indicates the priority of the log message with emergency being the highest priority and debug being the lowest priority.

Severity	Description
Emergency	The system is unusable or not responding.
Alert	Immediate action required. Used in security logs.
Critical	Functionality is affected.
Error	An error exists and functionality could be affected.
Warning	Functionality could be affected.
Notification	Information about normal events.
Information	General information about system operations. Used in event logs to record configuration changes.
Debug	Debug information.

## Link log messages

The log messages in this section are for link issues.

### Physical port changed

<b>ID</b>	1000
<b>Type</b>	Event log
<b>Subtype</b>	Link
<b>Severity</b>	Notice
<b>Message</b>	msg="\<port_name>\"
<b>Meaning</b>	The specified physical port has gone up or down.

### Physical port active trunk member

<b>ID</b>	1001
<b>Type</b>	Event log
<b>Subtype</b>	Link
<b>Severity</b>	Notice
<b>Message</b>	msg="\Physical port (<port_name>) became active member of trunk (<trunk_name>)\"
<b>Meaning</b>	The specified physical port is now an active member of the specified trunk.

### Physical port inactive trunk member

<b>ID</b>	1002
<b>Type</b>	Event log
<b>Subtype</b>	Link
<b>Severity</b>	Notice
<b>Message</b>	msg="\Physical port (<port_name>) became non-active member of trunk (<trunk_name>)\"
<b>Meaning</b>	The specified physical port is now an inactive member of the specified trunk.

## Trunk failed to add physical port

<b>ID</b>	1003
<b>Type</b>	Event log
<b>Subtype</b>	Link
<b>Severity</b>	Error
<b>Message</b>	<ul style="list-style-type: none"><li>• msg="failed to add &lt;port_name&gt; to trunk &lt;trunk_name&gt; error=&lt;error&gt; rollback={yes   no}"</li><li>• msg="failed to set member &lt;port_name&gt; ipmac-binding-status(&lt;status&gt;) error=&lt;error&gt; rollback={yes   no}"</li></ul>
<b>Meaning</b>	The specified trunk failed to add the specified physical port.

## Trunk failed to remove physical port

<b>ID</b>	1004
<b>Type</b>	Event log
<b>Subtype</b>	Link
<b>Severity</b>	Error
<b>Message</b>	<ul style="list-style-type: none"><li>• msg="failed to remove &lt;port_name&gt; from trunk &lt;trunk_name&gt; error=&lt;error&gt; rollback={yes   no}"</li><li>• msg="failed to set member &lt;port_name&gt; ipmac-binding-status(&lt;status&gt;) error=&lt;error&gt; rollback={yes   no}"</li><li>• msg="Failed to set member &lt;port_name&gt; source-guard statu error=&lt;error&gt; rollback={yes   no}"</li><li>• msg="failed to fetch VLANs for trunk member &lt;port_name&gt; error=&lt;error&gt; rollback={yes   no}"</li><li>• msg="unable to remove member &lt;port_name&gt; error=&lt;error&gt;"</li><li>• msg="Failed to get native vlan of trunk member &lt;port_name&gt; error=&lt;error&gt;"</li></ul>
<b>Meaning</b>	The specified physical port is now an active member of the specified trunk.

## DMI port changed

<b>ID</b>	1050-1057
<b>Type</b>	Event log
<b>Subtype</b>	Link

<b>Severity</b>	Varies
<b>Message</b>	msg=\"<port_name>\"
<b>Meaning</b>	There was a change in the physical port used for the diagnostic monitoring interface (DMI).

## Trunk status

<b>ID</b>	1200
<b>Type</b>	Event log
<b>Subtype</b>	Link
<b>Severity</b>	Warning
<b>Message</b>	msg=\"<port_name>\"
<b>Meaning</b>	One of the members of a trunk is down.

## Loopback error

<b>ID</b>	1250
<b>Type</b>	Event log
<b>Subtype</b>	Link
<b>Severity</b>	Warning
<b>Message</b>	msg=\"An illegal loopback occurred on adapter (<port_name>)\nCheck the configuration to verify that all adapters are connected to 802.3ad compliant switch ports.\"
<b>Meaning</b>	A loopback occurred in a link aggregation group (LAG).

## ICL ACL change

<b>ID</b>	1300
<b>Type</b>	Event log
<b>Subtype</b>	Link
<b>Severity</b>	Notice
<b>Message</b>	msg=\"MCLAG: ICL ACL change ingress-port-bitmap=<port_name>, egress-block-port-bitmap=<port_name>\"

<b>Meaning</b>	There was a change in the access control list (ACL) policy used by the MCLAG ICL trunk.
----------------	---

## An MCLAG peer lost

<b>ID</b>	1301
<b>Type</b>	Event log
<b>Subtype</b>	Link
<b>Severity</b>	Notice
<b>Message</b>	msg=\"MCLAG: lost peer info for trunk(<trunk_name>) peer-timeout(<time>) sb(<split-brain>)\"
<b>Meaning</b>	The FortiSwitch unit cannot detect one of the MCLAG peers.

## Model mismatch of MCLAG peers

<b>ID</b>	1302
<b>Type</b>	Event log
<b>Subtype</b>	Link
<b>Severity</b>	Warning
<b>Message</b>	msg=\"MCLAG: **Unsupported config, peer model mismatch local-model(<switch1_model>) peer-model(<peer_switch2_model>)\"
<b>Meaning</b>	The MCLAG peers are different FortiSwitch models.

## Model mismatch of MCLAG peers fixed

<b>ID</b>	1303
<b>Type</b>	Event log
<b>Subtype</b>	Link
<b>Severity</b>	Notice
<b>Message</b>	msg=\"MCLAG: Cleared **Unsupported config, peer model mismatch local-model(<switch1_model>) peer-model(<switch2_model>)\"
<b>Meaning</b>	The MCLAG peers have been changed to be the same FortiSwitch model.



## Software mismatch of MCLAG peers

<b>ID</b>	1304
<b>Type</b>	Event log
<b>Subtype</b>	Link
<b>Severity</b>	Warning
<b>Message</b>	msg="MCLAG: **peer software mismatch local-software(<switch1_firmware>) peer-software (<switch2_firmware>)"
<b>Meaning</b>	The MCLAG peers are running different versions of FortiSwitchOS.

## Software mismatch of MCLAG peers fixed

<b>ID</b>	1305
<b>Type</b>	Event log
<b>Subtype</b>	Link
<b>Severity</b>	Notice
<b>Message</b>	msg="MCLAG: Cleared **peer software mismatch local-software(<switch1_firmware>) peer-software(<switch2_firmware>)"
<b>Meaning</b>	The MCLAG peers are now running the same version of FortiSwitchOS.

## One MCLAG peer link up

<b>ID</b>	1306
<b>Type</b>	Event log
<b>Subtype</b>	Link
<b>Severity</b>	Notice
<b>Message</b>	msg="MCLAG: <trunk_name> at least one peer link up"
<b>Meaning</b>	One or more of the MCLAG peer links is up.

## All MCLAG peer links down

<b>ID</b>	1307
<b>Type</b>	Event log
<b>Subtype</b>	Link
<b>Severity</b>	Notice
<b>Message</b>	msg=\"MCLAG: <trunk_name> all peer link down\"
<b>Meaning</b>	All MCLAG peer links are down.

## MCLAG peer misconfigured

<b>ID</b>	1308
<b>Type</b>	Event log
<b>Subtype</b>	Link
<b>Severity</b>	Notice
<b>Message</b>	msg=\"MCLAG: <trunk_name> peer misconfigured\"
<b>Meaning</b>	One of the MCLAG peers is misconfigured.

## MCLAG peer misconfigured fixed

<b>ID</b>	1309
<b>Type</b>	Event log
<b>Subtype</b>	Link
<b>Severity</b>	Notice
<b>Message</b>	msg=\"MCLAG: <trunk_name> peer misconfiguration cleared\"
<b>Meaning</b>	The MCLAG peers are configured correctly now.

## MCLAG misconfigured

<b>ID</b>	1310
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<b>Type</b>	Event log
<b>Subtype</b>	Link
<b>Severity</b>	Critical
<b>Message</b>	msg=\"MCLAG: misconfigured out of LAG table entry\"
<b>Meaning</b>	The MCLAG is misconfigured.

## MAC addresses unsynchronized in MCLAG peers

<b>ID</b>	1311
<b>Type</b>	Event log
<b>Subtype</b>	Link
<b>Severity</b>	Warning
<b>Message</b>	msg=\"MCLAG:<trunk_name> ports=<port_name> MAC mismatch local-mac= peer-mac=\"
<b>Meaning</b>	MAC addresses in MCLAG peers are not synchronized.

## ACL failure

<b>ID</b>	1312
<b>Type</b>	Event log
<b>Subtype</b>	Link
<b>Severity</b>	Critical
<b>Message</b>	msg=\"MCLAG: ACL failures are detected\"
<b>Meaning</b>	The access control list (ACL) in the MCLAG failed.

## MCLAG peer joined

<b>ID</b>	1313
<b>Type</b>	Event log
<b>Subtype</b>	Link
<b>Severity</b>	Notice

<b>Message</b>	msg=\"MCLAG peer <switch_interface> joined.\"
<b>Meaning</b>	A peer switch has joined the MCLAG.

## Split-brain state detected

<b>ID</b>	1314
<b>Type</b>	Event log
<b>Subtype</b>	Link
<b>Severity</b>	Critical
<b>Message</b>	msg=\"MCLAG split-brain occurred, this switch may go to dormant.\"
<b>Meaning</b>	When the split-brain state occurs, one of switches in the MCLAG goes dormant. Any devices connected to the dormant switch will lose network connectivity. The switch that goes dormant is the switch with the lowest numerical MAC address between the two peers.

## VLAN configuration failure

<b>ID</b>	1315
<b>Type</b>	Event log
<b>Subtype</b>	Link
<b>Severity</b>	Warning
<b>Message</b>	msg=\"MCLAG: ICL vlan configuration failure\"
<b>Meaning</b>	The VLAN configuration in the MCLAG failed.

## Switch port up

<b>ID</b>	1400
<b>Type</b>	Event log
<b>Subtype</b>	Link
<b>Severity</b>	Notice
<b>Message</b>	msg=\"<switch_serial_number> switch port <port_name> has come up\"
<b>Meaning</b>	The specified FortiSwitch port is now up.

## Switch port down

<b>ID</b>	1401
<b>Type</b>	Event log
<b>Subtype</b>	Link
<b>Severity</b>	Notice
<b>Message</b>	msg=\"<switch_serial_number> switch port <port_name> has gone down\"
<b>Meaning</b>	The specified FortiSwitch port is now down.

## Switch interface link changed

<b>ID</b>	1450
<b>Type</b>	Event log
<b>Subtype</b>	Link
<b>Severity</b>	Notice
<b>Message</b>	msg=\"interface <interface_name> link status is <status>\"
<b>Meaning</b>	The status of the specified interface link has changed.

## PoE log messages

The log messages in this section are for power over Ethernet (PoE) issues.

### PoE controller resynchronizing

<b>ID</b>	2000
<b>Type</b>	Event log
<b>Subtype</b>	PoE
<b>Severity</b>	Varies
<b>Message</b>	msg=\" POE controller resync start.\\\"
<b>Meaning</b>	The PoE controller has started to resynchronize.

### PoE controller resynchronized

<b>ID</b>	2001
<b>Type</b>	Event log
<b>Subtype</b>	PoE
<b>Severity</b>	Varies
<b>Message</b>	msg=\" POE controller resync done.\\\"
<b>Meaning</b>	The PoE controller has finished resynchronizing.

### PoE system mask set

<b>ID</b>	2002
<b>Type</b>	Event log
<b>Subtype</b>	PoE
<b>Severity</b>	Varies
<b>Message</b>	msg=\" system mask <IP_address_netmask> has been set\\\"
<b>Meaning</b>	The PoE system mask was set.

## PoE port settings restored

<b>ID</b>	2003
<b>Type</b>	Event log
<b>Subtype</b>	PoE
<b>Severity</b>	Varies
<b>Message</b>	msg=\"PoE port settings been restored\"
<b>Meaning</b>	The PoE port settings were restored.

## PoE disabled on overloaded port

<b>ID</b>	2004
<b>Type</b>	Event log
<b>Subtype</b>	PoE
<b>Severity</b>	Warning
<b>Message</b>	msg=\"Port <port_name> Overload state. POE disabled\"
<b>Meaning</b>	PoE was disabled on the specified physical port because it was overloaded.

## PoE guard band and power budget set

<b>ID</b>	2005
<b>Type</b>	Event log
<b>Subtype</b>	PoE
<b>Severity</b>	Varies
<b>Message</b>	msg=\" guard band <number_of_Watts> and power budget <number_of_Watts> been set\"
<b>Meaning</b>	The PoE guard band and power budget were set globally.

## PoE settings saved

<b>ID</b>	2006
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<b>Type</b>	Event log
<b>Subtype</b>	PoE
<b>Severity</b>	Varies
<b>Message</b>	msg=\"PoE settings been saved\"
<b>Meaning</b>	The PoE settings were saved.

## PoE factory reset

<b>ID</b>	2007
<b>Type</b>	Event log
<b>Subtype</b>	PoE
<b>Severity</b>	Varies
<b>Message</b>	msg=\"PoE been factory reset\"
<b>Meaning</b>	The PoE settings were reset to factory default settings.

## PoE unit test

<b>ID</b>	2008
<b>Type</b>	Event log
<b>Subtype</b>	PoE
<b>Severity</b>	Varies
<b>Message</b>	msg=\" unit test been performed\"
<b>Meaning</b>	A PoE unit test was performed.

## PoE negotiation in LLDP-MED configuration

<b>ID</b>	2010
<b>Type</b>	Event log
<b>Subtype</b>	PoE
<b>Severity</b>	Information



<b>Message</b>	msg="\lldp poe info received from <port_name>\"
<b>Meaning</b>	PoE negotiation in LLDP- MED has been enabled or disabled for the specified port.

## PoE port temperature exceeded threshold

<b>ID</b>	2011
<b>Type</b>	Event log
<b>Subtype</b>	PoE
<b>Severity</b>	Warning
<b>Message</b>	msg="\<temperature1 temperature2 temperature3 temperature4 temperature5 temperature6 temperature7 temperature8 temperature9 temperature10 temperature11 temperature12> \"
<b>Meaning</b>	The temperature sensor detected that the temperature specified for the PoE port exceeded the set threshold.

## LLDP disabled

<b>ID</b>	2013
<b>Type</b>	Event log
<b>Subtype</b>	PoE
<b>Severity</b>	Information
<b>Message</b>	msg="\lldp disabled\"
<b>Meaning</b>	The LLDP configuration was disabled for the PoE port.

## PoE port temperature

<b>ID</b>	2014
<b>Type</b>	Event log
<b>Subtype</b>	PoE
<b>Severity</b>	Varies
<b>Message</b>	port="\<port_name>\" Temperature = \" <temperature>\"
<b>Meaning</b>	The temperature sensor detected that the temperature for the PoE port changed.

# Router log messages

The log messages in this section are for router issues.

## Layer-3 hardware routing table full

<b>ID</b>	3000
<b>Type</b>	Event log
<b>Subtype</b>	Router
<b>Severity</b>	Warning
<b>Message</b>	<ul style="list-style-type: none"><li>• msg=Hardware table full.Packets may get either covered by a less specific prefix or software forwarded\n</li><li>• msg=\"IPMC Hardware table full.\n\"</li></ul>
<b>Meaning</b>	The layer-3 routing table used for hardware-based layer-3 forwarding is full. Software-based forwarding or a less specific prefix will be used for packets.

## Layer-3 egress/host routing table full

<b>ID</b>	3001
<b>Type</b>	Event log
<b>Subtype</b>	Router
<b>Severity</b>	Error
<b>Message</b>	msg=\"L3 egress/host table full\"
<b>Meaning</b>	The layer-3 egress/host routing table is full.

## Policy-based routing failed

<b>ID</b>	3002
<b>Type</b>	Event log
<b>Subtype</b>	Router

<b>Severity</b>	Warning
<b>Message</b>	msg=\ <code>"PBR ACL add failed. UniqIdx: &lt;ID&gt; IfIndex: &lt;index&gt; Error: &lt;error&gt;"</code>
<b>Meaning</b>	Policy-based routing (PBR) failed because the layer-3 routing table is full.

## Gateway group state change or routing information changed

<b>ID</b>	3050
<b>Type</b>	Event log
<b>Subtype</b>	Router
<b>Severity</b>	Critical
<b>Message</b>	<ul style="list-style-type: none"><li>msg=\<code>"The status of &lt;interface_name&gt; for gateway group &lt;IP_address&gt; is &lt;state&gt;"</code></li><li>msg=\<code>"&lt;state&gt;"</code></li></ul>
<b>Meaning</b>	<ul style="list-style-type: none"><li>The state of the gateway group has changed.</li><li>The routing information has changed because the gateway has changed to up or down.</li></ul>

## Router out of memory

<b>ID</b>	3100
<b>Type</b>	Event log
<b>Subtype</b>	Router
<b>Severity</b>	Critical
<b>Message</b>	msg=\ <code>"radvd_iface_set_config() finds a pointer pointing to a wrong addressInterface &lt;interface_name&gt; Out of memory in &lt;IP_address&gt;"</code>
<b>Meaning</b>	The router is out of memory for the specified interface.

## Interface cannot be found

<b>ID</b>	3101
<b>Type</b>	Event log
<b>Subtype</b>	Router
<b>Severity</b>	Critical

<b>Message</b>	msg="ravdv_iface_same_config() cannot find the corresponding interface by nameInterface <switch_interface_name> not found in <IP_address>"
<b>Meaning</b>	The router cannot find the specified interface.

## Interface uses Mobile IPv6 extensions

<b>ID</b>	3102
<b>Type</b>	Event log
<b>Subtype</b>	Router
<b>Severity</b>	Information
<b>Message</b>	msg="An interface uses Mobile IPv6 extensionsusing Mobile IPv6 extensions"
<b>Meaning</b>	An interface uses Mobile IPv6 extensions.

## MinRtrAdvInterval or MaxRtrAdvInterval out of range

<b>ID</b>	3103
<b>Type</b>	Event log
<b>Subtype</b>	Router
<b>Severity</b>	Critical
<b>Message</b>	<ul style="list-style-type: none"> <li>msg="MinRtrAdvInterval using Mobile Ipv6 extension is out of rangeMinRtrAdvInterval for &lt;interface_name&gt; must be between &lt;value_1&gt; and &lt;value_2&gt;"</li> <li>msg="MinRtrAdvInterval is out of rangeMinRtrAdvInterval must be between &lt;value_1&gt; and &lt;value_2&gt; for &lt;interface_name&gt;"</li> <li>msg="MaxRtrAdvInterval using Mobile Ipv6 extension is out of rangeMaxRtrAdvInterval for &lt;interface_name&gt; must be between &lt;value_1&gt; and &lt;value_2&gt;"</li> <li>msg="MaxRtrAdvInterval is out of rangeMaxRtrAdvInterval must be between &lt;value_1&gt; and &lt;value_2&gt; for &lt;interface_name&gt;"</li> </ul>
<b>Meaning</b>	The MinRtrAdvInterval or MaxRtrAdvInterval value is out of the specified range and must be changed.

## AdvLinkMTU out of range or too small

<b>ID</b>	3105
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<b>Type</b>	Event log
<b>Subtype</b>	Router
<b>Severity</b>	Critical
<b>Message</b>	<ul style="list-style-type: none"><li>• msg=\"AdvLinkMTU is out of rangeAdvLinkMTU must be zero or between &lt;value_1&gt; and &lt;value_2&gt; for &lt;interface_name&gt;\"</li><li>• msg=\"AdvLinkMTU is too smallAdvLinkMTU must be zero or greater than &lt;value&gt; for &lt;interface_name&gt;\"</li></ul>
<b>Meaning</b>	The AdvLinkMTU value is out of range or too small and must be changed.

## AdvReachableTime is too small

<b>ID</b>	3106
<b>Type</b>	Event log
<b>Subtype</b>	Router
<b>Severity</b>	Critical
<b>Message</b>	msg=\"AdvReachableTimeis too smallAdvReachableTime must be less than <value> for <interface_name>\"
<b>Meaning</b>	The AdvReachableTime value is too small and must be changed.

## AdvCurHopLimit is too big

<b>ID</b>	3107
<b>Type</b>	Event log
<b>Subtype</b>	Router
<b>Severity</b>	Critical
<b>Message</b>	msg=\"AdvCurHopLimit in Router Advertisement packet is too bigAdvCurHopLimit must not be greater than <value> for <interface_name>\"
<b>Meaning</b>	The AdvCurHopLimit value for the router advertisement packet is too large and must be changed.

## AdvCurHopLimit is out of range

<b>ID</b>	3108
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<b>Type</b>	Event log
<b>Subtype</b>	Router
<b>Severity</b>	Critical
<b>Message</b>	msg="AdvCurHopLimit in Router Advertisement packet is out of rangeAdvDefaultLifetime for <interface_name> must be zero or between <value1> and <value2>"
<b>Meaning</b>	The AdvCurHopLimit value for the router advertisement packet is out of range and must be changed.

## HomeAgentLifetime out of range

<b>ID</b>	3109
<b>Type</b>	Event log
<b>Subtype</b>	Router
<b>Severity</b>	Critical
<b>Message</b>	msg="HomeAgentLifetime in Router Advertisement packet is out of rangeHomeAgentLifetime must be between <value_1> and <value_2> for <interface_name>"
<b>Meaning</b>	The HomeAgentLifetime value for the router advertisement packet is out of range and must be changed.

## AdvHomeAgentFlag not set

<b>ID</b>	3110
<b>Type</b>	Event log
<b>Subtype</b>	Router
<b>Severity</b>	Critical
<b>Message</b>	msg="AdvHomeAgentFlag HomeAgentLifetime in Router Advertisement packet must be set with HomeAgentInfoAdvHomeAgentFlag must be set with HomeAgentInfo"
<b>Meaning</b>	The AdvHomeAgentFlag has not been set.

## Prefix length too long

<b>ID</b>	3111
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<b>Type</b>	Event log
<b>Subtype</b>	Router
<b>Severity</b>	Critical
<b>Message</b>	msg=\"prefix length is too longinvalid prefix length for <interface_name>\"
<b>Meaning</b>	The prefix length is invalid because it is too long.

## AdvValidLifetime less than AdvPreferredLifetime

<b>ID</b>	3112
<b>Type</b>	Event log
<b>Subtype</b>	Router
<b>Severity</b>	Critical
<b>Message</b>	msg=\"AdvValidLifetime is less than AdvPreferredLifetimeAdvValidLifetime must be greater than AdvPreferredLifetime for <interface_name>\"
<b>Meaning</b>	The value for AdvValidLifetime must be greater than the value for AdvPreferredLifetime.

## RA daemon failed to create IPv6 socket

<b>ID</b>	3113
<b>Type</b>	Event log
<b>Subtype</b>	Router
<b>Severity</b>	Critical
<b>Message</b>	msg=\"radvd failed to create an IPv6 socket <IPv6_address>\"
<b>Meaning</b>	The router advertisement (RA) daemon failed to create an IPv6 socket <IPv6_address>.

## RA daemon failed to set IPv6 options

<b>ID</b>	3114
<b>Type</b>	Event log
<b>Subtype</b>	Router

<b>Severity</b>	Critical
<b>Message</b>	<ul style="list-style-type: none"> <li>• msg=\"Radvd failed to set IPV6_RECVPKTINFO option &lt;IPv6_address&gt;\"</li> <li>• msg=\"Radvd failed to set IPV6_PKTINFO option: &lt;IPv6_address&gt;\"</li> <li>• msg=\"Radvd failed to set IPV6_CHECKSUM option &lt;IPv6_address&gt;\"</li> <li>• msg=\"Radvd failed to set IPV6_UNICAST_HOPS option &lt;IPv6_address&gt;\"</li> <li>• msg=\"Radvd failed to set IPV6_MULTICAST_HOPS option: &lt;IPv6_address&gt;\"</li> <li>• msg=\"Radvd failed to set IPV6_RECVHOPLIMIT option: &lt;IPv6_address&gt;\"</li> <li>• msg=\"Radvd failed to set IPV6_HOPLIMIT option &lt;IPv6_address&gt;\"</li> <li>• msg=\"Radvd failed to set ICMPV6_FILTER option &lt;IPv6_address&gt;\"</li> </ul>
<b>Meaning</b>	The RA daemon failed to set the specified IPv6 option.

## RA daemon failed to create query

<b>ID</b>	3116
<b>Type</b>	Event log
<b>Subtype</b>	Router
<b>Severity</b>	Critical
<b>Message</b>	msg=\"Radvd cannot create query to interface by using cmf_query_create()Can not create query to interface at <IP_address>\"
<b>Meaning</b>	The RA daemon failed to create the query for the interface.

## RA daemon internal error

<b>ID</b>	3117
<b>Type</b>	Event log
<b>Subtype</b>	Router
<b>Severity</b>	Critical
<b>Message</b>	msg=\"Radvd occurs an internal error when it uses cmf_query_for_each()\"
<b>Meaning</b>	There is an internal error when the RA daemon sends a query.



## RA daemon cannot find a virtual interface

<b>ID</b>	3118
<b>Type</b>	Event log
<b>Subtype</b>	Router
<b>Severity</b>	Critical
<b>Message</b>	msg="Radvd failed to find a virtual interface by interface indexInterface <interface_name> not found in the list!\\"
<b>Meaning</b>	The router advertisement daemon cannot find the specified virtual interface.

## RA daemon unloaded or reloaded interface

<b>ID</b>	3119
<b>Type</b>	Event log
<b>Subtype</b>	Router
<b>Severity</b>	Information
<b>Message</b>	<ul style="list-style-type: none"><li>• msg=\"Interface &lt;interface_name&gt; unloaded!\"</li><li>• msg=\"Radvd reloads a specific interface Interface &lt;interface_name&gt; reloaded!\"</li></ul>
<b>Meaning</b>	The RA daemon unloaded or reloaded the specified interface.

## RA daemon received packet without packet information

<b>ID</b>	3120
<b>Type</b>	Event log
<b>Subtype</b>	Router
<b>Severity</b>	Warning
<b>Message</b>	msg=\"Radvd received a packet with no pkt_inforeceived packet with no pkt_info!\"
<b>Meaning</b>	The RA daemon received a packet that did not include any packet information.

## RA daemon received ICMPv6 packet with invalid length

<b>ID</b>	3121
<b>Type</b>	Event log
<b>Subtype</b>	Router
<b>Severity</b>	Warning
<b>Message</b>	msg=\"Radvd received an icmpv6 packet with invalid lengthreceived icmpv6 packet with invalid length: <packet_length>\"
<b>Meaning</b>	The RA daemon received an ICMPv6 packet with an invalid length.

## RA daemon received unwanted ICMPv6 packet

<b>ID</b>	3122
<b>Type</b>	Event log
<b>Subtype</b>	Router
<b>Severity</b>	Critical
<b>Message</b>	msg=\"Radvd received an unwanted type of icmpv6 packeticmpv6 filter failed\"
<b>Meaning</b>	The ICMPv6 filter failed, and the RA daemon received an unwanted type of ICMPv6 packet.

## RA daemon received ICMPv6 RA packet with invalid length

<b>ID</b>	3123
<b>Type</b>	Event log
<b>Subtype</b>	Router
<b>Severity</b>	Warning
<b>Message</b>	msg=\"Radvd received icmpv6 RA packet with invalid lengthreceived icmpv6 RA packet with invalid length: <packet_length>\"
<b>Meaning</b>	The RA daemon received an ICMPv6 RA packet with an invalid length.

## RA daemon received ICMPv6 RA packet with non-link-local source address

<b>ID</b>	3124
<b>Type</b>	Event log
<b>Subtype</b>	Router
<b>Severity</b>	Warning
<b>Message</b>	msg=\"Radvd received icmpv6 RA packet with non-linklocal source addressreceived icmpv6 RA packet with non-linklocal source address\"
<b>Meaning</b>	The RA daemon received an ICMPv6 RA packet with a non-link-local source address.

## RA daemon received ICMPv6 RS packet with invalid length

<b>ID</b>	3125
<b>Type</b>	Event log
<b>Subtype</b>	Router
<b>Severity</b>	Warning
<b>Message</b>	msg=\"Radvd received icmpv6 RS packet with invalid lengthreceived icmpv6 RS packet with invalid length: <packet_length>\"
<b>Meaning</b>	The router advertisement daemon received an ICMPv6 router solicitation (RS) packet with an invalid length.

## RA daemon received ICMPv6 RS or RA packet with invalid code

<b>ID</b>	3126
<b>Type</b>	Event log
<b>Subtype</b>	Router
<b>Severity</b>	Warning
<b>Message</b>	msg=\"Radvd received icmpv6 RS/RA packet with invalid codereceived icmpv6 RS/RA packet with invalid code: <code>\"
<b>Meaning</b>	The RA daemon received an ICMPv6 RS or RA packet with an invalid code.

## RA daemon received ICMPv6 RS or RA packet with invalid hop limit

<b>ID</b>	3127
<b>Type</b>	Event log
<b>Subtype</b>	Router
<b>Severity</b>	Warning
<b>Message</b>	msg="Radvd received icmpv6 RS/RA packet with wrong hoplimitreceived RS or RA with invalid hoplimit <hop_limit> from <interface_name>"
<b>Meaning</b>	The RA daemon received an ICMPv6 RS or RA packet with the wrong hop limit.

## AdvCurHopLimit does not agree with remote site

<b>ID</b>	3128
<b>Type</b>	Event log
<b>Subtype</b>	Router
<b>Severity</b>	Warning
<b>Message</b>	msg="AdvCurHopLimit on our interface does not agree with a remote siteour AdvCurHopLimit on <local_value> doesn't agree with <remote_value>"
<b>Meaning</b>	The value for AdvCurHopLimit on the local interface is different than the value on a remote interface.

## AdvManagedFlag does not agree with remote site

<b>ID</b>	3129
<b>Type</b>	Event log
<b>Subtype</b>	Router
<b>Severity</b>	Warning
<b>Message</b>	msg="AdvManagedFlag on our interface does not agree with a remote siteour AdvManagedFlag on <local_value> doesn't agree with <remote_value>"
<b>Meaning</b>	The value for AdvManagedFlag on the local interface is different than the value on a remote interface.

## AdvOtherConfigFlag does not agree with remote site

<b>ID</b>	3130
<b>Type</b>	Event log
<b>Subtype</b>	Router
<b>Severity</b>	Warning
<b>Message</b>	msg=\"AdvOtherConfigFlag on our interface does not agree with a remote siteour AdvOtherConfigFlag on <local_value> doesn't agree with <remote_value>\"
<b>Meaning</b>	The value for AdvOtherConfigFlag on the local interface is different than the value on a remote interface.

## AdvReachableTime does not agree with remote site

<b>ID</b>	3131
<b>Type</b>	Event log
<b>Subtype</b>	Router
<b>Severity</b>	Warning
<b>Message</b>	msg=\"AdvReachableTime on our interface does not agree with a remote siteour AdvReachableTime on <local_value> doesn't agree with <remote_value>\"
<b>Meaning</b>	The value for AdvReachableTime on the local interface is different than the value on a remote interface.

## Local AdvRetransTimer does not agree with remote site

<b>ID</b>	3132
<b>Type</b>	Event log
<b>Subtype</b>	Router
<b>Severity</b>	Warning
<b>Message</b>	msg=\"AdvRetransTimer on our interface does not agree with a remote siteour AdvRetransTimer on <local_value> doesn't agree with <remote_value>\"
<b>Meaning</b>	The value for AdvRetransTimer on the local interface is different than the value on a remote interface.

## RA daemon found extra data in RA packet

<b>ID</b>	3133
<b>Type</b>	Event log
<b>Subtype</b>	Router
<b>Severity</b>	Critical
<b>Message</b>	msg="Radvd finds extra data in RA packettrailing garbage in RA on <IP_address> from <IP_address>"
<b>Meaning</b>	The RA daemon found extra data in the RA packet.

## RA daemon found RA packet without option data

<b>ID</b>	3134
<b>Type</b>	Event log
<b>Subtype</b>	Router
<b>Severity</b>	Critical
<b>Message</b>	msg="Radvd finds a RA packet with no option datazero length option in RA on <IP_address> from <IP_address>"
<b>Meaning</b>	The RA daemon found an RA packet without any option data.

## RA packet option length greater than total length

<b>ID</b>	3135
<b>Type</b>	Event log
<b>Subtype</b>	Router
<b>Severity</b>	Critical
<b>Message</b>	msg="option length is greater than total length in RA packetoption length greater than total length in RA on <IP_address> from <IP_address>"
<b>Meaning</b>	The option length is greater than the total length in the RA packet.

## AdvLinkMTU does not agree with remote site

<b>ID</b>	3136
<b>Type</b>	Event log
<b>Subtype</b>	Router
<b>Severity</b>	Warning
<b>Message</b>	msg=\"AdvLinkMTU on our interface does not agree with a remote siteour AdvLinkMTU on <local_value> doesn't agree with <remote_value>\"
<b>Meaning</b>	The value for AdvLinkMTU on the local interface is different than the value on a remote interface.

## AdvValidLifetime does not agree with remote site

<b>ID</b>	3137
<b>Type</b>	Event log
<b>Subtype</b>	Router
<b>Severity</b>	Warning
<b>Message</b>	msg=\"AdvValidLifetime on our interface does not agree with a remote siteour AdvValidLifetime on <IP_address> for <local_value> doesn't agree with <remote_value>\"
<b>Meaning</b>	The value for AdvValidLifetime on the local interface is different than the value on a remote interface.

## AdvPreferredLifetime does not agree with remote site

<b>ID</b>	3138
<b>Type</b>	Event log
<b>Subtype</b>	Router
<b>Severity</b>	Warning
<b>Message</b>	msg=\"AdvPreferredLifetime on our interface does not agree with a remote siteour AdvPreferredLifetime on <IP_address> for <local_value> doesn't agree with <remote_value>\"
<b>Meaning</b>	The value for AdvPreferredLifetime on the local interface is different than the value on a remote interface.

## RA daemon found invalid option in RA packet from remote site

<b>ID</b>	3139
<b>Type</b>	Event log
<b>Subtype</b>	Router
<b>Severity</b>	Critical
<b>Message</b>	msg="Radvd finds an invalid option in RA packet from a remote siteinvalid option <option_name> in RA on <local_interface> from <remote_interface>\"
<b>Meaning</b>	The RA daemon found an invalid option in an RA packet from a remote site.

## RA daemon starting or exiting

<b>ID</b>	3140
<b>Type</b>	Event log
<b>Subtype</b>	Router
<b>Severity</b>	Information
<b>Message</b>	<ul style="list-style-type: none"><li>• msg=\"Radvd daemon is ready to serve radvd started\"</li><li>• msg=\"Exit signal (&lt;signal&gt;) rcved. Radvd daemon is exiting.\"</li></ul>
<b>Meaning</b>	The RA daemon is ready to start or is exiting.

## RA daemon receive message failed

<b>ID</b>	3141
<b>Type</b>	Event log
<b>Subtype</b>	Router
<b>Severity</b>	Critical
<b>Message</b>	msg=\"Recvmsg() in radvd failed recvmsg: <date_time>\"
<b>Meaning</b>	The RA daemon's receive message failed.



## RA daemon received invalid IPv6 hop limit

<b>ID</b>	3142
<b>Type</b>	Event log
<b>Subtype</b>	Router
<b>Severity</b>	Critical
<b>Message</b>	msg="Radvd received a packet with a wrong IPV6_HOPLIMITreceived a bogus IPV6_HOPLIMIT from the kernel! len=<packet_length>, data=<hop_limit>\"
<b>Meaning</b>	The RA daemon received a packet with the wrong IPv6 hop limit.

## RA daemon received invalid IPv6 packet information

<b>ID</b>	3143
<b>Type</b>	Event log
<b>Subtype</b>	Router
<b>Severity</b>	Critical
<b>Message</b>	msg="Radvd received a packet with a wrong IPV6_PKTINFOreceived a bogus IPV6_PKTINFO from the kernel! len=<packet_length>, index=<packet_index>\"
<b>Meaning</b>	The RA daemon received a packet with the wrong IPv6 packet information.

## RA daemon failed when checking membership in all-routers multicast group

<b>ID</b>	3144
<b>Type</b>	Event log
<b>Subtype</b>	Router
<b>Severity</b>	Warning
<b>Message</b>	msg="Radvd failed to check whether we've joined the all-routers multicast groupproblem checking all-routers membership on <IP_address>\"
<b>Meaning</b>	The RA daemon failed when it was checking membership in the all-routers multicast group.

## RA daemon send message failed

<b>ID</b>	3145
<b>Type</b>	Event log
<b>Subtype</b>	Router
<b>Severity</b>	Warning
<b>Message</b>	msg=\"sendmsg () in radvd failedsendmsg: <date_time>\"
<b>Meaning</b>	The RA daemon's send message failed.

# STP log messages

The log messages in this section are for Spanning Tree Protocol (STP) issues.

## Interface shut down because BPDUs detected

<b>ID</b>	8000
<b>Type</b>	Event log
<b>Subtype</b>	Spanning tree
<b>Severity</b>	Notice
<b>Message</b>	msg="BPDU Guard: BPDU detected on <interface_name>. Shutting down <interface_name>."
<b>Meaning</b>	Bridge protocol data units (BPDUs) were detected on the specified interface, which will be shut down.

## BPDU guard resetting interface

<b>ID</b>	8001
<b>Type</b>	Event log
<b>Subtype</b>	Spanning tree
<b>Severity</b>	Notice
<b>Message</b>	msg="BPDU Guard: Resetting <interface_name>."
<b>Meaning</b>	BPDU guard detected BPDUs on the specified interface, which will be reset.

## STP loop protection detected BPDU loss on port

<b>ID</b>	8100
<b>Type</b>	Event log
<b>Subtype</b>	Spanning tree
<b>Severity</b>	Notice

<b>Message</b>	msg=\"STP Loop Protection: BPDU loss detected on Port <port_name> (changed state to discarding)\"
<b>Meaning</b>	The STP loop-protection feature detected BPDU loss on the specified port.

## STP loop protection detected BPDUs resumed on port

<b>ID</b>	8101
<b>Type</b>	Event log
<b>Subtype</b>	Spanning tree
<b>Severity</b>	Notice
<b>Message</b>	msg=\"STP Loop Protection: BPDUs resumed on <port_name>\"
<b>Meaning</b>	The STP loop-protection feature detected that BPDUs have resumed on the specified port.

## STP root guard unblocked port

<b>ID</b>	8102
<b>Type</b>	Event log
<b>Subtype</b>	Spanning tree
<b>Severity</b>	Notice
<b>Message</b>	msg=\"STP Root Guard: Un-blocking <port_name> (STP instance <STP_instance_ID>)\"
<b>Meaning</b>	The STP root-guard feature unblocked the specified port.

## STP root guard blocked role transition

<b>ID</b>	8103
<b>Type</b>	Event log
<b>Subtype</b>	Spanning tree
<b>Severity</b>	Notice
<b>Message</b>	msg=\"STP Root Guard: Blocking Role Transition on <port_name> (STP instance <STP_instance_ID>)\"
<b>Meaning</b>	The STP root-guard feature blocked a change in the role on the specified port.

## STP root guard detected superior BPDUs received

<b>ID</b>	8150
<b>Type</b>	Event log
<b>Subtype</b>	Spanning tree
<b>Severity</b>	Notice
<b>Message</b>	msg="STP Root Guard: Superior BPDUs received on <port_name> (STP instance <STP_instance_ID>)"
<b>Meaning</b>	The STP root-guard feature detected that the specified port received superior BPDUs.

## STP root guard detected superior BPDUs stopped

<b>ID</b>	8151
<b>Type</b>	Event log
<b>Subtype</b>	Spanning tree
<b>Severity</b>	Notice
<b>Message</b>	msg="STP Root Guard: Superior BPDUs stopped on <port_name> (STP instance <STP_instance_ID>)"
<b>Meaning</b>	The STP root-guard feature stopped the specified port from receiving superior BPDUs.

## STP enabled on interface

<b>ID</b>	8250
<b>Type</b>	Event log
<b>Subtype</b>	Spanning tree
<b>Severity</b>	Notice
<b>Message</b>	msg="user <user_name> enabled STP on <FortiSwitch_serial_number> interface <interface_name>"
<b>Meaning</b>	The specified user enabled STP on the specified switch interface.

## STP disabled on interface

<b>ID</b>	8251
<b>Type</b>	Event log
<b>Subtype</b>	Spanning tree
<b>Severity</b>	Notice
<b>Message</b>	msg=\"user <user_name> disabled STP on <FortiSwitch_serial_number> interface <interface_name>\"
<b>Meaning</b>	The specified user enabled STP on the specified switch interface.

## STP edge port enabled on interface

<b>ID</b>	8252
<b>Type</b>	Event log
<b>Subtype</b>	Spanning tree
<b>Severity</b>	Notice
<b>Message</b>	msg=\"user <user_name> enabled STP on <FortiSwitch_serial_number> interface <interface_name>\"
<b>Meaning</b>	The specified user enabled an STP edge port on the specified switch interface.

## STP edge port disabled on interface

<b>ID</b>	8253
<b>Type</b>	Event log
<b>Subtype</b>	Spanning tree
<b>Severity</b>	Notice
<b>Message</b>	msg=\"user <user_name> disabled STP on <FortiSwitch_serial_number> interface <interface_name>\"
<b>Meaning</b>	The specified user disabled an STP edge port on the specified switch interface.

## STP instance changed state

<b>ID</b>	8254
<b>Type</b>	Event log
<b>Subtype</b>	Spanning tree
<b>Severity</b>	Notice
<b>Message</b>	msg=\"<port_name> port <STP_instance_ID> instance <user_name> changed state from <old_state> to <new_state>\"
<b>Meaning</b>	The specified user changed the state of the STP instance.

## STP instance changed role

<b>ID</b>	8255
<b>Type</b>	Event log
<b>Subtype</b>	Spanning tree
<b>Severity</b>	Notice
<b>Message</b>	msg=\"<port_name> port <STP_instance_ID> instance <user_name> changed role from <old_role> to <new_role>\"
<b>Meaning</b>	The specified user changed the role of the STP instance.

## Port changed state in RPVST+ domain

<b>ID</b>	8256
<b>Type</b>	Event log
<b>Subtype</b>	Spanning tree
<b>Severity</b>	Notice
<b>Message</b>	msg=\"STP RPVST: port id <port_name> state changed to <state>\"
<b>Meaning</b>	The specified port changed state in a per-VLAN RSTP (Rapid PVST+ or RPVST+) domain.

# Switch log messages

The log messages in this section are issues related to switching functionality.

## 802.1x-authenticated port using MAB is unauthorized

<b>ID</b>	10000
<b>Type</b>	Event log
<b>Subtype</b>	Switch
<b>Severity</b>	Notice
<b>Message</b>	msg=\"user: mac: on port <port_name> MAB mode=<status> unauthorized \"
<b>Meaning</b>	An 802.1x-authenticated port using MAC authentication bypass (MAB) is unauthorized.

## 802.1x-authenticated port using MAB is authorized

<b>ID</b>	10001
<b>Type</b>	Event log
<b>Subtype</b>	Switch
<b>Severity</b>	Notice
<b>Message</b>	msg=\"user:<user_name> mac: <MAC_address> on port<port_name> <MAB> mode=<mode> authorized set <authorization>=<status> \"
<b>Meaning</b>	An 802.1x-authenticated port is authorized.

## No authentication on port

<b>ID</b>	10002
<b>Type</b>	Event log
<b>Subtype</b>	Switch
<b>Severity</b>	Notice



<b>Message</b>	No authentication on port <port_name>
<b>Meaning</b>	The dynamic VLAN identifier and MAC address already exist in the static MAC address entry table.

## 802.1x-authenticated port reset to unauthorized mode

<b>ID</b>	10003
<b>Type</b>	Event log
<b>Subtype</b>	Switch
<b>Severity</b>	Notice
<b>Message</b>	msg=\"802.1x port <port_name> reset to unauthorized mode and native_vlan =<VLAN_ID>\"
<b>Meaning</b>	The 802.1x-authenticated port was reset to unauthorized mode and to the specified native VLAN identifier.

## 802.1x-authenticated port not authorized

<b>ID</b>	10004
<b>Type</b>	Event log
<b>Subtype</b>	Switch
<b>Severity</b>	Notice
<b>Message</b>	msg=\"user:<user_name> mac: <MAC_address> on port <port_name> <MAB> mode=<mode> unauthorized set <authorization_status>=<failure>\"
<b>Meaning</b>	The 802.1x-authenticated port is not authorized.

## RADIUS CoA disconnected the 802.1x-authenticated session

<b>ID</b>	10005
<b>Type</b>	Event log
<b>Subtype</b>	Switch
<b>Severity</b>	Notice
<b>Message</b>	msg=\"802.1x port session <MAC_address>: disconnected\"
<b>Meaning</b>	RADIUS change of authorization (CoA) was used to disconnect the 802.1x-authenticated session.

## RADIUS CoA bounced the 802.1x-authenticated port

<b>ID</b>	10006
<b>Type</b>	Event log
<b>Subtype</b>	Switch
<b>Severity</b>	Notice
<b>Message</b>	<ul style="list-style-type: none"><li>msg=\"802.1x port&lt;port_name&gt; link down\\\"</li><li>msg=\"802.1x port&lt;port_name&gt; link up.\\\"</li></ul>
<b>Meaning</b>	RADIUS CoA was used to bounce the 802.1x-authenticated port.

## RADIUS CoA disabled the 802.1x-authenticated port

<b>ID</b>	10007
<b>Type</b>	Event log
<b>Subtype</b>	Switch
<b>Severity</b>	Notice
<b>Message</b>	msg=\"802.1x port <port_name> link down\\\"
<b>Meaning</b>	RADIUS CoA was used to disable the 802.1x-authenticated port.

## RADIUS CoA reauthorized the 802.1x-authenticated session

<b>ID</b>	10008
<b>Type</b>	Event log
<b>Subtype</b>	Switch
<b>Severity</b>	Notice
<b>Message</b>	msg=\"802.1x port session <MAC_address>: re-auth\\\"
<b>Meaning</b>	RADIUS CoA was used to reauthorize the 802.1x-authenticated session.

## RADIUS CoA changed the 802.1x-authenticated session timeout

<b>ID</b>	10009
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<b>Type</b>	Event log
<b>Subtype</b>	Switch
<b>Severity</b>	Notice
<b>Message</b>	msg=\"802.1x port session <MAC_address>: session timeout change:<timeout_value>:\"
<b>Meaning</b>	RADIUS CoA was used to change the timeout setting of the 802.1x-authenticated session.

## Maximum number of MAC sessions for system exceeded

<b>ID</b>	10010
<b>Type</b>	Event log
<b>Subtype</b>	Switch
<b>Severity</b>	Warning
<b>Message</b>	MAC= , not authorized, exceed system maximum of <number_of_sessions> MAC sessions.
<b>Meaning</b>	The maximum number of MAC sessions for the system was exceeded.

## MAC session counter is not synchronized

<b>ID</b>	10011
<b>Type</b>	Event log
<b>Subtype</b>	Switch
<b>Severity</b>	Notice
<b>Message</b>	ftnt_fswitch_resync_system_mac_session used mac session counter :<counter_ID>: not match with STA. Need to flush all interfaces.\n
<b>Meaning</b>	The MAC session counter is not synchronized. All interfaces must be flushed.

## Unsupported egress-VLAN configuration

<b>ID</b>	10012
<b>Type</b>	Event log
<b>Subtype</b>	Switch

<b>Severity</b>	Notice
<b>Message</b>	msg=\\"Unsupported Egress-VLAN configurations with tagged VLANs and INGRESS-FILTERS=DISABLED for mac on <interface_name>. VLANs set to ingress and egress.\\"
<b>Meaning</b>	The egress-VLAN configuration is not supported when the VLANs are tagged and the ingress filters are disabled.

## Batch installation failed

<b>ID</b>	10015
<b>Type</b>	Event log
<b>Subtype</b>	Switch
<b>Severity</b>	Notice
<b>Message</b>	<ul style="list-style-type: none"> <li>• failure with batch install size :&lt;size&gt;: with missing Filter-Id :&lt;Filter-Id&gt;:.\n</li> <li>• failure with batch install size :&lt;size&gt;: with Filter-Id :&lt;Filter-Id&gt;: exceed max:&lt;size&gt;: .\n</li> <li>• Filter-Id :&lt;Filter-Id&gt; Exceed ACE maximum &lt;size&gt;, failure with batch install.\n</li> <li>• NAS-Filter-Rule exceed maximum size &lt;size&gt;, failure with batch install.\n</li> <li>• NAS-Rule exceed ACE maximum &lt;size&gt;, failure with batch install.\n</li> <li>• FTNT_fswitch_acl_batch_del failure with batch size :&lt;size&gt;: with reason:&lt;reason&gt;:.\n</li> <li>• DACL batch add failure with batch size :&lt;size&gt;: with reason:&lt;reason&gt;:.\n</li> <li>• DACL populate_acl_batch_entry failure with batch size :&lt;size&gt;: reset STA with zero size .\n</li> </ul>
<b>Meaning</b>	Using batch installation for a dynamic ACL failed.

## Batch add or delete succeeded

<b>ID</b>	10016
<b>Type</b>	Event log
<b>Subtype</b>	Switch
<b>Severity</b>	Notice
<b>Message</b>	<ul style="list-style-type: none"> <li>• FTNT_Fswitch_acl_batch_del success with batch size :&lt;size&gt;: with reason:&lt;reason&gt;:.\n</li> <li>• FTNT_Fswitch_acl_batch_del success with batch size :&lt;size&gt;: with reason:&lt;reason&gt;:.\n</li> </ul>
<b>Meaning</b>	Batch adding or deleting succeeded.

## Maximum number of unauthorized MAC sessions exceeded

<b>ID</b>	10017
<b>Type</b>	Event log
<b>Subtype</b>	Switch
<b>Severity</b>	Warning
<b>Message</b>	MAC= , not authorized, exceed <number_of _MAC_sessions> maximum of <number_of _MAC_sessions> MAC sessions.
<b>Meaning</b>	The maximum number of unauthorized MAC sessions was exceeded.

## Too many source ports in dynamic ACL

<b>ID</b>	10018
<b>Type</b>	Event log
<b>Subtype</b>	Switch
<b>Severity</b>	Warning
<b>Message</b>	Filter-Id I4 src port exceed 1 limit:<number_of_ports>:\n
<b>Meaning</b>	The number of source ports in the dynamic ACL exceeded the limit.

## Too many destination ports in dynamic ACL

<b>ID</b>	10019
<b>Type</b>	Event log
<b>Subtype</b>	Switch
<b>Severity</b>	Warning
<b>Message</b>	Filter-Id I4 dst port exceed 1 limit:<number_of_ports>:\n
<b>Meaning</b>	The number of destination ports in the dynamic ACL exceeded the limit.

## Too many port ranges in dynamic ACL

<b>ID</b>	10020
<b>Type</b>	Event log
<b>Subtype</b>	Switch
<b>Severity</b>	Warning
<b>Message</b>	Filter-Id I4 only support single port range either src or dst.\n
<b>Meaning</b>	The dynamic ACL supports a single port range; it can be a source port range or a dynamic port range. Delete any additional port ranges.

## VLAN changed for RADIUS CoA

<b>ID</b>	10021
<b>Type</b>	Event log
<b>Subtype</b>	Switch
<b>Severity</b>	Warning
<b>Message</b>	msg=\"802.1x port session <session_number>: CoA Vlan_Id change\"
<b>Meaning</b>	The VLAN ID was changed for RADIUS change of authorization (CoA).

## Dynamic ARP inspection messages

<b>ID</b>	10100
<b>Type</b>	Event log
<b>Subtype</b>	Switch
<b>Severity</b>	Warning
<b>Message</b>	<ul style="list-style-type: none"> <li>msg=\" Arp-Insp-Drop: Source interface mismatch {mac=&lt;MAC_address&gt;, vlan=&lt;VLAN_ID&gt;, ip= &lt;IP_address&gt;}.\"</li> <li>msg=\" Arp-Insp-Drop: Source tuple lookup failed {mac=&lt;MAC_address&gt;, vlan=&lt;VLAN_ID&gt;, ip= &lt;IP_address&gt;}.\"</li> <li>msg=\" Arp-Insp-Drop: dest interface mismatch for {mac=&lt;MAC_address&gt;, vlan=&lt;VLAN_ID&gt;, ip= &lt;IP_address&gt;}.\"</li> <li>msg=\" Arp-Insp-Drop: Tuple lookup failed for vlan {mac=&lt;MAC_address&gt;, vlan=&lt;VLAN_ID&gt;, ip= &lt;IP_address&gt;}.\"</li> </ul>

<b>Meaning</b>	<ul style="list-style-type: none"> <li>Dynamic ARP inspection (DAI) found the source IP-MAC-address binding to be invalid.</li> <li>DAI failed to find the source IP-MAC-address binding.</li> <li>DAI found the destination IP-MAC-address binding to be invalid.</li> <li>DAI failed to find the VLAN identifier for the IP-MAC-address binding.</li> </ul>
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## DHCP-snooping messages

<b>ID</b>	10200
<b>Type</b>	Event log
<b>Subtype</b>	Switch
<b>Severity</b>	Notice
<b>Message</b>	<ul style="list-style-type: none"> <li>msg="Snoop database file is corrupt. Not restoring db."</li> <li>msg="Snoop6 database file is corrupt. Not restoring db."</li> <li>msg="snoop dhcp-server database overflow."</li> <li>msg="snoop database overflow."</li> <li>msg="&lt;switch_interface&gt;" "&lt;status&gt;"</li> <li>msg="Dhcp-Snoop: Incoming intf is not same as learned intf {in-intf=&lt;incoming_interface&gt;, listed-intf=&lt;learned_interface&gt;}."</li> </ul>
<b>Meaning</b>	<ul style="list-style-type: none"> <li>The DHCP-snooping database file is corrupt and cannot be restored.</li> <li>The DHCPv6-snooping database file is corrupt and cannot be restored.</li> <li>The DHCP-snooping server database has overflowed.</li> <li>The DHCP-snooping client database has overflowed.</li> <li>The interface settings have changed.</li> <li>The incoming interface differs from the learned interface.</li> </ul>

## Rogue IPv4 DHCP server detected

<b>ID</b>	10201
<b>Type</b>	Event log
<b>Subtype</b>	Switch
<b>Severity</b>	Alert
<b>Message</b>	msg="A rogue DHCP server has been detected on the interface."
<b>Meaning</b>	A rogue IPv4 DHCP server was detected.

## Rogue IPv6 DHCP server detected

<b>ID</b>	10202
<b>Type</b>	Event log
<b>Subtype</b>	Switch
<b>Severity</b>	Alert
<b>Message</b>	msg=\"A rogue DHCPv6 server has been detected on the interface\"
<b>Meaning</b>	A rogue IPv6 DHCP server was detected.

## Flap guard resetting port

<b>ID</b>	10300
<b>Type</b>	Event log
<b>Subtype</b>	Switch
<b>Severity</b>	Warning
<b>Message</b>	<ul style="list-style-type: none"><li>• msg=\"Flap Guard: Resetting &lt;port_name&gt;.\"</li><li>• msg=\"Flap Guard: Retain disabled (previously triggered), putting switch port &lt;port_number&gt; as up\"</li></ul>
<b>Meaning</b>	<ul style="list-style-type: none"><li>• Flap guard is resetting the specified port so that port's state will be up.</li><li>• Flap guard keeps the “triggered” setting for the port when the port's state is changed to up.</li></ul>

## Flap guard shutting down port

<b>ID</b>	10301
<b>Type</b>	Event log
<b>Subtype</b>	Switch
<b>Severity</b>	Warning
<b>Message</b>	<ul style="list-style-type: none"><li>• msg=\"Flap Guard: putting switch port &lt;port_name&gt; as down\"</li><li>• msg=\"Flap Guard: Retaining previously triggered switch port setting for &lt;port_name&gt; as down\"</li></ul>
<b>Meaning</b>	<ul style="list-style-type: none"><li>• Flap guard is shutting down the specified port.</li><li>• Flap guard keeps the “triggered” setting for the port when the port is shut down.</li></ul>



## Loop guard shutting down interface

<b>ID</b>	10400
<b>Type</b>	Event log
<b>Subtype</b>	Switch
<b>Severity</b>	Warning
<b>Message</b>	msg=\"Loop Guard: <loop detected or loop detected with MAC move over threshold> on <switch_interface>. Shutting down <switch_interface>.\"
<b>Meaning</b>	Loop guard is resetting the specified port.

## Loop guard resetting interface

<b>ID</b>	10401
<b>Type</b>	Event log
<b>Subtype</b>	Switch
<b>Severity</b>	Warning
<b>Message</b>	msg=\"Loop Guard: Resetting <switch_interface>.\"
<b>Meaning</b>	Loop guard is resetting the specified port.

## Network monitoring started

<b>ID</b>	10500
<b>Type</b>	Event log
<b>Subtype</b>	Switch
<b>Severity</b>	Warning
<b>Message</b>	msg=\"network monitoring started by user.\"
<b>Meaning</b>	A user started network monitoring.

## Network monitoring stopped

<b>ID</b>	10501
<b>Type</b>	Event log
<b>Subtype</b>	Switch
<b>Severity</b>	Warning
<b>Message</b>	msg="network monitoring stopped by user."
<b>Meaning</b>	A user stopped network monitoring.

## Sticky MAC entries saved

<b>ID</b>	10600
<b>Type</b>	Event log
<b>Subtype</b>	Switch
<b>Severity</b>	Notice
<b>Message</b>	msg="Sticky MAC entries saved = <number_of_entries>."
<b>Meaning</b>	The specified number of sticky MAC entries have been saved.

## Sticky MAC entries cannot be saved

<b>ID</b>	10601
<b>Type</b>	Event log
<b>Subtype</b>	Switch
<b>Severity</b>	Warning
<b>Message</b>	<ul style="list-style-type: none"><li>• msg="Warning: &lt;number_of_MAC_addresses&gt; sticky MACs could not be saved because the static-MAC table is full."</li><li>• msg="Warning: &lt;number_of_MAC_addresses&gt; sticky MACs could not be saved due to learning limit restrictions."</li></ul>
<b>Meaning</b>	The specified number of sticky MAC addresses cannot be saved either because the static MAC address table is full or because the MAC address learning limit has been reached.

## Too many sticky MAC entries saved

<b>ID</b>	10602
<b>Type</b>	Event log
<b>Subtype</b>	Switch
<b>Severity</b>	Warning
<b>Message</b>	msg="Warning: Large number of Sticky MAC (<number_of_entries>) entries saved. Some entries may fail to load on reboot.\"
<b>Meaning</b>	Too many sticky MAC entries have been saved, and some might be lost when the switch is rebooted.

## Unsaved sticky MAC entries deleted

<b>ID</b>	10603
<b>Type</b>	Event log
<b>Subtype</b>	Switch
<b>Severity</b>	Notice
<b>Message</b>	msg="Unsaved Sticky MAC entries flushed = <number_of_entries>.\"
<b>Meaning</b>	Unsaved sticky MAC entries have been deleted.

## MAC address learning limit exceeded

<b>ID</b>	10604
<b>Type</b>	Event log
<b>Subtype</b>	Switch
<b>Severity</b>	Warning
<b>Message</b>	msg="The number of saved Sticky MAC (<number_of_entries>) entries exceeds the learning limit (<learning_limit>) for VLAN ID <VLAN_ID>.\"
<b>Meaning</b>	The number of saved sticky MAC entries for the specified VLAN has exceeded the MAC address learning limit.

## Static MAC entries exceed the learning limit

<b>ID</b>	10700
<b>Type</b>	Event log
<b>Subtype</b>	Switch
<b>Severity</b>	Warning
<b>Message</b>	msg="The number of saved Static MAC (<number_of_entries>) entries exceeds the learning limit (<learning_limit>) for switch interface <switch_interface>."
<b>Meaning</b>	The number of saved static MAC addresses exceeds the MAC address learning limit for the specified switch interface.

## Deleting or adding an access VLAN failed

<b>ID</b>	10750
<b>Type</b>	Event log
<b>Subtype</b>	Switch
<b>Severity</b>	Information
<b>Message</b>	<ul style="list-style-type: none"><li>• msg="Access vlan delete failed"</li><li>• msg="Access vlan delete failed entry-id &lt;VLAN_ID&gt;"</li><li>• msg="Access vlan add failed"</li><li>• msg="Access vlan add failed entry-id VLAN_ID"</li><li>• msg="The Mirror auto-configuration session \"&lt;mirror_session&gt;\" with collector IP &lt;IP_address&gt; has begun auto-configuration."</li></ul>
<b>Meaning</b>	<ul style="list-style-type: none"><li>• Deleting an access VLAN failed.</li><li>• Adding an access VLAN failed.</li><li>• The automatic mirror configuration has started.</li></ul>

## Automatic mirror configuration failed

<b>ID</b>	10751
<b>Type</b>	Event log
<b>Subtype</b>	Switch
<b>Severity</b>	Critical

<b>Message</b>	msg="The Mirror auto-configuration session \'<mirror_session>' failed to resolve."
<b>Meaning</b>	The automatic mirror configuration has failed.

## Automatic mirror configuration completed

<b>ID</b>	10752
<b>Type</b>	Event log
<b>Subtype</b>	Switch
<b>Severity</b>	Notice
<b>Message</b>	msg="The Mirror auto-configuration session \'<mirror_session>' with collector IP <IP_address> has successfully been autoconfigured."
<b>Meaning</b>	The automatic mirror configuration has failed.

## Mirroring might be interrupted

<b>ID</b>	10753
<b>Type</b>	Event log
<b>Subtype</b>	Switch
<b>Severity</b>	Notice
<b>Message</b>	msg="The Mirror auto-configuration session \'<mirror_session>' is recalculating. Mirroring may be interrupted."
<b>Meaning</b>	Mirroring might be interrupting while the automatic mirror configuration is recalculating.

## Automatic mirror configuration stopping

<b>ID</b>	10754
<b>Type</b>	Event log
<b>Subtype</b>	Switch
<b>Severity</b>	Notice
<b>Message</b>	msg="The Mirror auto-configuration session \'<mirror_session>' is stopping."
<b>Meaning</b>	The automatic mirror configuration is stopping.

## FortiGate nonblocking authentication daemon crashed

<b>ID</b>	10900
<b>Type</b>	Event log
<b>Subtype</b>	Switch
<b>Severity</b>	Varies
<b>Message</b>	<ul style="list-style-type: none"><li>• msg=\"Session is NULL, sock is &lt;status&gt;\"</li><li>• msg=\"session is &lt;session_number&gt;, TAC+ server num is &lt;server_number&gt;, sock is &lt;status&gt;\"</li></ul>
<b>Meaning</b>	The FortiGate nonblocking authentication daemon crashed.

## New MAC address learned

<b>ID</b>	11100
<b>Type</b>	Event log
<b>Subtype</b>	Switch
<b>Severity</b>	Information
<b>Message</b>	msg=\"new <MAC_address> learned\"
<b>Meaning</b>	A new MAC address has been learned.

## MAC address moved

<b>ID</b>	11101
<b>Type</b>	Event log
<b>Subtype</b>	Switch
<b>Severity</b>	Information
<b>Message</b>	<ul style="list-style-type: none"><li>• msg=\"&lt;MAC_address&gt; moved new interface\"</li><li>• msg=\"&lt;MAC_address&gt; deleted from old interface\"</li></ul>
<b>Meaning</b>	The MAC address was moved to a new switch interface and deleted from the old switch interface.

## MAC address deleted

<b>ID</b>	11102
<b>Type</b>	Event log
<b>Subtype</b>	Switch
<b>Severity</b>	Information
<b>Message</b>	msg=msg("<MAC_address> deleted\\")
<b>Meaning</b>	The MAC address is deleted when the mac-aging-interval is reached.

## Bounced switch port now up

<b>ID</b>	11111
<b>Type</b>	Event log
<b>Subtype</b>	Switch
<b>Severity</b>	Information
<b>Message</b>	msg=msg("Bounce port: putting switch port <port_name> as up\\")
<b>Meaning</b>	The bounced switch port is now up.

## Bounced switch port now down

<b>ID</b>	11112
<b>Type</b>	Event log
<b>Subtype</b>	Switch
<b>Severity</b>	Information
<b>Message</b>	msg=msg("Bounce port: putting switch port <port_name> as down\\")
<b>Meaning</b>	The bounced switch port is now down.

## IGMP-snooping group not added

<b>ID</b>	11120
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<b>Type</b>	Event log
<b>Subtype</b>	Switch
<b>Severity</b>	Notice
<b>Message</b>	msg=\"IGMP Snooping: unable to program group <IGMP-snooping_group> to hw\"
<b>Meaning</b>	The IGMP-snooping group was not added to the hardware table because of a hash collision.

## MLD-snooping group not added

<b>ID</b>	11121
<b>Type</b>	Event log
<b>Subtype</b>	Switch
<b>Severity</b>	Notice
<b>Message</b>	msg=\"MLD Snooping: unable to program group <MLD-snooping_group> to hw\"
<b>Meaning</b>	The MLD-snooping group was not added to the hardware table because of a hash collision.

## ACL failed to update

<b>ID</b>	11130
<b>Type</b>	Event log
<b>Subtype</b>	Switch
<b>Severity</b>	Error
<b>Message</b>	msg=\"ACL update : <ACL_ID> failure \"
<b>Meaning</b>	The ACL failed to update.

## VLAN list for ring port no longer includes MRP VLAN

<b>ID</b>	11250
<b>Type</b>	Event log
<b>Subtype</b>	Switch
<b>Severity</b>	Warning



<b>Message</b>	msg="The VLAN list for ring-port <port_name> has been changed and no longer includes MRP VLAN <VLAN_ID>."
<b>Meaning</b>	The VLAN list for the ring port no longer includes the VLAN specified for the MRP network.

## Ring ports 1 and 2 do not have the same VLAN list

<b>ID</b>	11251
<b>Type</b>	Event log
<b>Subtype</b>	Switch
<b>Severity</b>	Warning
<b>Message</b>	msg="MRP ring-port1 and ring-port2 don't have the same vlan list."
<b>Meaning</b>	Ring port 1 and ring port 2 must have the same VLAN list.

## MRP ring is open

<b>ID</b>	11252
<b>Type</b>	Event log
<b>Subtype</b>	Switch
<b>Severity</b>	Warning
<b>Message</b>	msg="Ring Open detected."
<b>Meaning</b>	The MRP ring is open. Each ring port must be connected to another ring port.

## MRP ring is closed

<b>ID</b>	11253
<b>Type</b>	Event log
<b>Subtype</b>	Switch
<b>Severity</b>	Warning
<b>Message</b>	msg="Ring Close detected."
<b>Meaning</b>	The MRP ring is closed.

## MRP switch changed from automanager to manager

<b>ID</b>	11254
<b>Type</b>	Event log
<b>Subtype</b>	Switch
<b>Severity</b>	Notice
<b>Message</b>	msg=\"MRP role changed from automanager to manager.\\\"
<b>Meaning</b>	The MRP switch that was assigned the role of automanager has changed to the role of manager.

## MRP switch changed from automanager to client

<b>ID</b>	11255
<b>Type</b>	Event log
<b>Subtype</b>	Switch
<b>Severity</b>	Notice
<b>Message</b>	msg=\"MRP role changed from automanager to client.\\\"
<b>Meaning</b>	The MRP switch that was assigned the role of automanager has changed to the role of client.

## MRP was restarted

<b>ID</b>	11256
<b>Type</b>	Event log
<b>Subtype</b>	Switch
<b>Severity</b>	Warning
<b>Message</b>	msg=\"restart MRP due to trunk with ring port changed.\\\"
<b>Meaning</b>	The MRP was restarted because a trunk with an MRP ring port changed.

## MRP status changed

<b>ID</b>	11257
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<b>Type</b>	Event log
<b>Subtype</b>	Switch
<b>Severity</b>	Notice
<b>Message</b>	msg=\"MRP is <status>.\"
<b>Meaning</b>	The MRP status changed.

## MRP VLAN not included in ring ports

<b>ID</b>	11258
<b>Type</b>	Event log
<b>Subtype</b>	Switch
<b>Severity</b>	Warning
<b>Message</b>	msg=\"Trunk and Ring port association is changed; MRP vlan is not in ring ports.\"
<b>Meaning</b>	The trunk and MRP ring-port association changed, and the MRP VLAN is no longer included in the ring-port configuration.

## MRP ring port changed state

<b>ID</b>	11259
<b>Type</b>	Event log
<b>Subtype</b>	Switch
<b>Severity</b>	Notice
<b>Message</b>	msg=\"MRP ring port <port_name> change state to <state>.\"
<b>Meaning</b>	The specified MRP ring port changed state.

## VLAN already used by LAN segment

<b>ID</b>	11300
<b>Type</b>	Event log
<b>Subtype</b>	Switch

<b>Severity</b>	Warning
<b>Message</b>	<ul style="list-style-type: none"><li>• msg=\"VLAN in range &lt;VLAN_IDs&gt; is used by LAN segment as internal vlan.</li><li>• msg=\"VLAN is used by LAN segment as internal vlan when setting native VLAN. Please consider to change LAN segment internal VLAN or use a different VLAN.</li><li>• msg=\"VLAN is used by LAN segment as internal vlan, native VLAN=&lt;VLAN_ID&gt; allowed VLANs=&lt;VLAN_IDs&gt; internal_code=3.\"</li><li>• msg=\"VLAN is used by LAN segment as internal vlan, native VLAN=&lt;VLAN_ID&gt; allowed VLANs=&lt;VLAN_IDs&gt; internal_code=4.\"</li><li>• msg=\"VLAN is used by LAN segment as internal vlan, native VLAN=&lt;VLAN_ID&gt; allowed VLAN=&lt;VLAN_IDs&gt; internal_code=5.\"</li><li>• msg=\"VLAN is used by LAN segment as internal vlan when, native VLAN=&lt;VLAN_ID&gt; allowed VLANs=&lt;VLAN_IDs&gt; internal_code=1.\"</li><li>• msg=\"VLAN is used by LAN segment as internal vlan, native VLAN=&lt;VLAN_ID&gt; allowed VLANs=&lt;VLAN_IDs&gt; internal_code=2.\"</li></ul>
<b>Meaning</b>	When you enable LAN segments, FortiSwitchOS automatically assigns a VLAN for internal use. This VLAN cannot be used for any other purpose.

# Switch controller log messages

The log messages in this section are for switch-controller (FortiLink) issues.

## Switch controller connected with FortiGate

<b>ID</b>	9000
<b>Type</b>	Event log
<b>Subtype</b>	Switch controller
<b>Severity</b>	Notice
<b>Message</b>	msg="Switch-Controller: connected with FortiGate\"
<b>Meaning</b>	The switch controller connected with a FortiGate unit.

## Switch port joined FortiGate trunk

<b>ID</b>	9001
<b>Type</b>	Event log
<b>Subtype</b>	Switch controller
<b>Severity</b>	Notice
<b>Message</b>	msg=\"FortiLink: <port_name> joined Fortigate-uplink trunk-id(<trunk_name>)\"
<b>Meaning</b>	The switch port joined the FortiGate uplink trunk.

## Switch port left FortiGate uplink

<b>ID</b>	9002
<b>Type</b>	Event log
<b>Subtype</b>	Switch controller
<b>Severity</b>	Notice
<b>Message</b>	msg=\"FortiLink: <port_name> left Fortigate-uplink\"
<b>Meaning</b>	The switch port left the FortiGate uplink.

## Switch port in FortiGate uplink ready

<b>ID</b>	9003
<b>Type</b>	Event log
<b>Subtype</b>	Switch controller
<b>Severity</b>	Notice
<b>Message</b>	msg=\"FortiLink: <port_name> in Fortigate-uplink ready now\"
<b>Meaning</b>	The switch port in the FortiGate uplink is ready.

## TPID value changed

<b>ID</b>	9004
<b>Type</b>	Event log
<b>Subtype</b>	Switch controller
<b>Severity</b>	Notice
<b>Message</b>	msg=\"FortiLink: tpid change old(<old_TPID_value>) new(<new_TPID_value>) fl-ports-bitmap (<port_name>)\"
<b>Meaning</b>	The tag protocol identifier (TPID) value was changed.

## Echo failures

<b>ID</b>	9005
<b>Type</b>	Event log
<b>Subtype</b>	Switch controller
<b>Severity</b>	Warning
<b>Message</b>	<ul style="list-style-type: none"><li>msg=\"FortiLink: &lt;IPv4_address&gt; echo timed out\"</li><li>msg=\"FortiLink: &lt;IPv4_address&gt; echo reply timing out echo-miss(&lt;number_of_milliseconds&gt;)\"</li><li>msg=\"FortiLink: &lt;IPv4_address&gt; echo reply timed out\"</li><li>msg=\"FortiLink: &lt;IPv4_address&gt; invalid echo reply\"</li></ul>
<b>Meaning</b>	The ICMP echo request (ping) failed.

## Switch controller disconnected or restarted

<b>ID</b>	9006
<b>Type</b>	Event log
<b>Subtype</b>	Switch controller
<b>Severity</b>	Notice
<b>Message</b>	<ul style="list-style-type: none"><li>msg="Switch-Controller: DTLS ALERT received &lt;time_date&gt;"</li><li>msg="Switch-Controller: Restart caputp since SSL handshake failed &lt;number_of_failures&gt; times"</li></ul>
<b>Meaning</b>	The switch controller was disconnected or restarted.

## User deleted ISL trunk

<b>ID</b>	9007
<b>Type</b>	Event log
<b>Subtype</b>	Switch controller
<b>Severity</b>	Notice
<b>Message</b>	msg="FortiLink: user deleted ISL trunk <trunk_name>"
<b>Meaning</b>	A user deleted the specified inter-switch link (ISL) trunk.

## ISL timing out

<b>ID</b>	9008
<b>Type</b>	Event log
<b>Subtype</b>	Switch controller
<b>Severity</b>	Notice
<b>Message</b>	msg="FortiLink: ISL timing-out for trunk(<trunk_name>) member port-num(<port_ID>) <port_name> did not receive ISL pkt for(<number_of_seconds>) sec"
<b>Meaning</b>	The ISL timed out because one of the trunk's ports did not receive the ISL packet for a certain number of seconds.

## Port joined ISL

<b>ID</b>	9009
<b>Type</b>	Event log
<b>Subtype</b>	Switch controller
<b>Severity</b>	Notice
<b>Message</b>	msg=\"FortiLink:<port_name> joined ISL link <ISL_port_group>\"
<b>Meaning</b>	The specified port joined the ISL port group.

## Port left ISL

<b>ID</b>	9010
<b>Type</b>	Event log
<b>Subtype</b>	Switch controller
<b>Severity</b>	Notice
<b>Message</b>	msg=\"FortiLink: <port_name> left ISL link <ISL_port_group>\"
<b>Meaning</b>	The specified port left the ISL port group.

## FortiGate uplink trunk not created

<b>ID</b>	9011
<b>Type</b>	Event log
<b>Subtype</b>	Switch controller
<b>Severity</b>	Notice
<b>Message</b>	msg=\"FortiLink: Fortigate-uplink trunk create failed for member <port_name>\"
<b>Meaning</b>	The FortiGate uplink trunk was not created because of the specified port.

## Port not added to FortiGate uplink trunk

<b>ID</b>	9012
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<b>Type</b>	Event log
<b>Subtype</b>	Switch controller
<b>Severity</b>	Notice
<b>Message</b>	msg=\"FortiLink: Fortigate-uplink trunk member-add failed for member <port_name>\"
<b>Meaning</b>	The specified port was not added to the FortiGate uplink trunk.

## Port not deleted from FortiGate uplink trunk

<b>ID</b>	9013
<b>Type</b>	Event log
<b>Subtype</b>	Switch controller
<b>Severity</b>	Notice
<b>Message</b>	msg=\"FortiLink: <port_name> member-delete failed for Fortigate-uplink\"
<b>Meaning</b>	The specified port was not deleted from the FortiGate uplink trunk.

## Switch controller waiting for HTTP/HTTPS daemon

<b>ID</b>	9015
<b>Type</b>	Event log
<b>Subtype</b>	Switch controller
<b>Severity</b>	Notice
<b>Message</b>	<ul style="list-style-type: none"><li>msg=\"Switch-Controller: waiting for httpsd to start uptime = &lt;number_of_minutes&gt;\"</li><li>msg=\"Switch-Controller: httpsd started uptime = &lt;number_of_minutes&gt;\"</li></ul>
<b>Meaning</b>	The switch controller is waiting for the HTTP and HTTPS daemon to start, or the HTTP and HTTPS daemon has started.

## Switch controller log storage 75-percent full

<b>ID</b>	9016
<b>Type</b>	Event log
<b>Subtype</b>	Switch controller

<b>Severity</b>	Warning
<b>Message</b>	msg=\\\"Switch-Controller: Caputp store logs reached 75 percent of total storage capacity <total_storage> logs\\\"
<b>Meaning</b>	The allotted storage for switch-controller logs is 75-percent full.

## Tunnel mode changed

<b>ID</b>	9017
<b>Type</b>	Event log
<b>Subtype</b>	Switch controller
<b>Severity</b>	Critical
<b>Message</b>	msg=\\\"Tunnel mode changed old(<old_state>) new(<new_state>).\\\"
<b>Meaning</b>	The tunnel mode changed states.

## Port disabled in FortiLink mode

<b>ID</b>	9018
<b>Type</b>	Event log
<b>Subtype</b>	Switch controller
<b>Severity</b>	Critical
<b>Message</b>	msg=\\\"FortiLink: disabled port <port_name> port-id=<port_ID> from b(<flags>) fwd(<0 1, if port is STP FORWARD>))\\\"
<b>Meaning</b>	The specified port was disabled in FortiLink mode.

## Port enabled in FortiLink mode

<b>ID</b>	9019
<b>Type</b>	Event log

<b>Subtype</b>	Switch controller
<b>Severity</b>	Critical
<b>Message</b>	msg=\"FortiLink: enable port <port_name> port-id=<port_ID>\"
<b>Meaning</b>	The specified port was enabled in FortiLink mode.

## Port removed in FortiLink mode

<b>ID</b>	9020
<b>Type</b>	Event log
<b>Subtype</b>	Switch controller
<b>Severity</b>	Critical
<b>Message</b>	msg=\"FortiLink: removed port <port_name> port-id=<port_ID>\"
<b>Meaning</b>	The specified port was removed in FortiLink mode.

## AC discovery type changed

<b>ID</b>	9021 and 9022
<b>Type</b>	Event log
<b>Subtype</b>	Switch controller
<b>Severity</b>	Critical
<b>Message</b>	msg=\"FortiLink over L3 AC discovery-type changed old(<old_status>) new(<new_status>).\"
<b>Meaning</b>	The <code>ac-discovery-type</code> was changed while operating in FortiLink mode over a layer-3 network.

# System log messages

The log messages in this section are issues related to the overall operation of the FortiSwitch unit.

## Alarm occurred

<b>ID</b>	30100
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Alert
<b>Message</b>	msg=\"<alarm_ID>\"
<b>Meaning</b>	An alarm occurred.

## Alarm acknowledged

<b>ID</b>	30101
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Alert
<b>Message</b>	msg=\"<alarm_ID>\"
<b>Meaning</b>	The alarm was acknowledged.

## Domain name in alert email cannot be resolved

<b>ID</b>	30150
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Notice
<b>Message</b>	msg=\"Can't resolve the IP address of <alert_email_address_sender>\"
<b>Meaning</b>	The domain name of the sender of the alert email cannot be resolved.

## Alert email failed

<b>ID</b>	30151
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Notice
<b>Message</b>	msg=\"Failed to send alert email from <user_name> to (<user_name>)\"
<b>Meaning</b>	Sending the alert email failed.

## Alert email resent

<b>ID</b>	30152
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Information
<b>Message</b>	msg=\"Resending alert e-mail with <number of alerts> pending alert(s) from <user_name> to (<user_name>)\"
<b>Meaning</b>	The alert email was successfully resent.

## FortiSwitch unit started

<b>ID</b>	30200
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Information
<b>Message</b>	msg=\"FortiSwitch started <time>\"
<b>Meaning</b>	The FortiSwitch unit was started.

## FortiSwitch unit rebooted

<b>ID</b>	30201
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Critical
<b>Message</b>	<ul style="list-style-type: none"><li>msg=\"User &lt;user_name&gt; rebooted the device. The reason is 'restore configuration'\"</li><li>msg=\"User &lt;user_name&gt; rebooted the device from &lt;IP_address&gt;\"</li></ul>
<b>Meaning</b>	The specified user rebooted the FortiSwitch unit.

## Daily FortiSwitch unit restart

<b>ID</b>	30202
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Critical
<b>Message</b>	msg=\"System will reboot due to scheduled daily restart.\"
<b>Meaning</b>	The FortiSwitch unit is being rebooted because it was scheduled to restart daily.

## FortiSwitch unit shut down

<b>ID</b>	30203
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Critical
<b>Message</b>	msg=\"User <user_name> shutdown the device from <IP_address>\"
<b>Meaning</b>	The specified user shut down the FortiSwitch unit.

## CA certificate will be automatically updated

<b>ID</b>	30300
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<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Warning
<b>Message</b>	msg=\"CA certificate <certificate_name> will auto-update in <number_of_days> days.\"
<b>Meaning</b>	The certificate authority (CA) certificate will automatically update in the specified number of days.

## Local certificate will be automatically regenerated

<b>ID</b>	30301
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Warning
<b>Message</b>	msg=\"Local certificate <certificate_name> will auto-regenerate in <number_of_days> days.\"
<b>Meaning</b>	The local certificate will automatically regenerate in the specified number of days.

## Certificate failed to automatically update

<b>ID</b>	30302
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Error
<b>Message</b>	msg=\"<certificate_name>\"
<b>Meaning</b>	The certificate failed to automatically update.

## Certificate failed to automatically regenerate

<b>ID</b>	30303
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Error

<b>Message</b>	msg=\"<certificate_name>\"
<b>Meaning</b>	The certificate failed to automatically regenerate.

## PKCS #12 certificate imported

<b>ID</b>	30304
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Critical
<b>Message</b>	msg=\"User <user_name> imported the certificate from <path>\"
<b>Meaning</b>	The specified user imported a PKCS #12 certificate.

## CRL update requested

<b>ID</b>	30306
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Notice
<b>Message</b>	msg=\"User <user_name> requested a CRL update from <URL>\"
<b>Meaning</b>	The specified user requested an update for a certificate revocation list (CRL).

## Power supply restored

<b>ID</b>	30400
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Critical
<b>Message</b>	msg=\"Power supply <unit_ID> restore\"
<b>Meaning</b>	The specified power supply unit was restored.



## Power supply failed

<b>ID</b>	30401
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Critical
<b>Message</b>	msg="Power supply <unit_ID> failure\"
<b>Meaning</b>	The specified power supply unit failed.

## System configuration changed

<b>ID</b>	30500
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Alert
<b>Message</b>	<ul style="list-style-type: none"><li>• msg="&lt;user_name&gt; made a change from &lt;module&gt;:&lt;submodule&gt;\"</li><li>• msg="Configuration is changed in the admin session\"</li></ul>
<b>Meaning</b>	The specified user changed the system configuration.

## System configuration changed using the GUI

<b>ID</b>	30501
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Alert
<b>Message</b>	msg="User <user_name> made a change via <GUI>: <submodule>\"
<b>Meaning</b>	The specified user changed the system configuration from the GUI.

## System configuration restored

<b>ID</b>	30502
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<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Critical
<b>Message</b>	msg=\"User <user_name> restored the configuration from <IP_address>\"
<b>Meaning</b>	The specified user restored the system configuration.

## Restoring the configuration failed

<b>ID</b>	30503
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Warning
<b>Message</b>	msg=\"User <user_name> failed to restore the configuration from <IP_address>\"
<b>Meaning</b>	The specified user failed to restore the system configuration.

## System reset to factory settings

<b>ID</b>	30507
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Critical
<b>Message</b>	msg=\"User <user_name> reset to the factory settings from <IP_address>\"
<b>Meaning</b>	The specified user reset the system to factory default settings.

## Global setting changed

<b>ID</b>	30514
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Notice

<b>Message</b>	<ul style="list-style-type: none"> <li>• msg="User &lt;user_name&gt; changed global setting from &lt;old_value&gt;"</li> <li>• msg="User &lt;user_name&gt; changed hostname global setting to &lt;new_value&gt; from &lt;old_value&gt;"</li> <li>• msg="User &lt;user_name&gt; changed timeout global setting to &lt;new_value&gt; from &lt;old_value&gt;"</li> <li>• msg="User &lt;user_name&gt; changed detection-interval global setting to &lt;new_value&gt; from &lt;old_value&gt;"</li> <li>• msg="User &lt;user_name&gt; changed fail_times global setting to &lt;new_value&gt; from &lt;old_value&gt;"</li> <li>• msg="User &lt;user_name&gt; changed dst global setting to &lt;new_value&gt; from &lt;old_value&gt;"</li> </ul>
<b>Meaning</b>	<ul style="list-style-type: none"> <li>• The specified user changed a global setting.</li> <li>• The specified user changed the global host name setting.</li> <li>• The specified user changed the global timeout setting.</li> <li>• The specified user changed the global detection-interval setting.</li> <li>• The specified user changed the global failtime setting.</li> <li>• The specified user changed the global destination setting.</li> </ul>

## System configuration backed up

<b>ID</b>	30515
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Notice
<b>Message</b>	<ul style="list-style-type: none"> <li>• msg="User &lt;user_name&gt; backed up the configuration from &lt;IP_address&gt;"</li> <li>• msg="User &lt;user_name&gt; backed up the configuration from &lt;IP_address&gt; to flash disk"</li> <li>• msg="Automatic configuration backup to flash disk succeeded"</li> <li>• msg="User &lt;user_name&gt; backed up the configuration by SCP"</li> <li>• msg="Configuration backed up to flash disk after system upgrading"</li> </ul>
<b>Meaning</b>	<ul style="list-style-type: none"> <li>• The specified user backed up the system configuration.</li> <li>• The specified user backed up the system to a flash drive.</li> <li>• The system configuration was successfully automatically backed up to a flash disk.</li> <li>• The specified user backed up the system configuration using the Secure Copy Protocol (SCP).</li> <li>• After the system was upgraded, the system configuration was backed up to a flash disk.</li> </ul>

## Configuration revision uploaded

<b>ID</b>	30516
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<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Notice
<b>Message</b>	msg=\"User <user_name> upload the <file_name> from <IP_address> to flash disk\"
<b>Meaning</b>	The specified user uploaded the configuration revision to the flash disk.

## Database revision deleted

<b>ID</b>	30518
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Notice
<b>Message</b>	msg=\"<item>:<revision_number> has been deleted from revision data base\"
<b>Meaning</b>	The item has been deleted from the revision database.

## Revision item deleted from flash disk

<b>ID</b>	30520
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Notice
<b>Message</b>	msg=\"User <user_name> delete the <item> from <path> from flash disk\"
<b>Meaning</b>	The specified user deleted the revision item from the flash disk.

## Command failed

<b>ID</b>	30522
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Notice

<b>Message</b>	msg=\"Command failed: <user_name>. Return code <code_number>\"
<b>Meaning</b>	The command failed.

## Failed to back up system configuration

<b>ID</b>	30524
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Error
<b>Message</b>	<ul style="list-style-type: none"><li>• msg=\"User &lt;user_name&gt; failed to backup the configuration from &lt;IP_address&gt; to flash disk\"</li><li>• msg=\"Automatic configuration backup to flash disk failed(&lt;IP_address&gt;)\"</li><li>• msg=\"Failed to backup configuration after system upgrading: &lt;IP_address&gt;\"</li></ul>
<b>Meaning</b>	<ul style="list-style-type: none"><li>• The specified user failed to back up the system configuration to the flash disk.</li><li>• Automatically backing up the system configuration to the flash disk failed.</li><li>• After the system was upgraded, the system configuration backup failed.</li></ul>

## Layer-2 table is more than 75-percent full

<b>ID</b>	30532
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Warning
<b>Message</b>	msg=\"L2 table utilization is over 75 percent(current_size <current_size>, max size <maximum_size>).\"
<b>Meaning</b>	The layer-2 table is more than 75-percent full.

## Layer-2 table is less than 70-percent full

<b>ID</b>	30533
<b>Type</b>	Event log
<b>Subtype</b>	System

<b>Severity</b>	Warning
<b>Message</b>	msg=\\\"L2 table utilization is below 70 percent(current_size <current_size>, max size <maximum_size>).\\"
<b>Meaning</b>	The layer-2 table is less than 70-percent full.

## Daemon started

<b>ID</b>	30700
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Information
<b>Message</b>	msg=\\\"Daemon <daemon_name> started\\\"
<b>Meaning</b>	The specified daemon was started.

## Daemon shut down

<b>ID</b>	30701
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Information
<b>Message</b>	msg=\\\"Daemon <daemon_name> shut down\\\"
<b>Meaning</b>	The specified daemon was shut down.

## IP address too small

<b>ID</b>	30901
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Varies

<b>Message</b>	msg=\"Address for requested options is too small. Dump all config: \n timeout: <time>\n init_interval: <initial_interval>\n retry_interval: <retry_interval>\n select_interval: <select_interval>\n reboot_timeout: <reboot_timeout>\n backoff_cutoff: <backoff_cutoff>\n arpcheck_timeout: <ARP_check_timeout>\n requested_lease: <requested_lease>\n requested_options address: <IP_address>\n\"
<b>Meaning</b>	The DHCP client module daemon reported crash information for the log because the IP address for the requested options is too small.

## Log information from the DHCP client module daemon

<b>ID</b>	30902-30909
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Varies
<b>Message</b>	msg=\"<log_entry>\"
<b>Meaning</b>	The DHCP client module daemon reported information for the log.

## DHCP statistics

<b>ID</b>	31004
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Information
<b>Message</b>	msg=\"<how_much_of_total_is_used>\"
<b>Meaning</b>	The system reports how much of DHCP-snooping binding database for the interface is used.

## DHCP server used all of its leases

<b>ID</b>	31005
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Warning

<b>Message</b>	msg=\"DHCP server <IP_address> has used up all of its leases\"
<b>Meaning</b>	The specified DHCP server has used all of its leases.

## DHCP server used most of its leases

<b>ID</b>	31006
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Warning
<b>Message</b>	msg=\"DHCP server <IP_address> has used up over 80%% of its leases\"
<b>Meaning</b>	The specified DHCP server has used over 80 percent of its leases.

## DHCP server sends a DDNS add query

<b>ID</b>	31007
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Information
<b>Message</b>	msg=\"DHCP server sends a DDNS add query\"
<b>Meaning</b>	The DHCP server is sending a DDNS add query.

## DHCP server sends a DDNS delete query

<b>ID</b>	31008
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Information
<b>Message</b>	msg=\"DHCP server sends a DDNS delete query\"
<b>Meaning</b>	The DHCP server is sending a DDNS delete query.



## DHCP server blocked the DHCP client

<b>ID</b>	31009
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Notice
<b>Message</b>	msg=\"DHCP client is blocked by the DHCP server\"
<b>Meaning</b>	The DHCP server blocked the DHCP client.

## DHCP server sends a DHCP acknowledgment

<b>ID</b>	31010
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Information
<b>Message</b>	msg=\"DHCP server sends a DHCPACK\"
<b>Meaning</b>	The DHCP server sends a DHCP acknowledgment message

## DHCP server receives a DHCP release

<b>ID</b>	31011
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Information
<b>Message</b>	msg=\"DHCP server receives a DHCPRELEASE\"
<b>Meaning</b>	The DHCP server receives a DHCP release message.

## Administrator logged in successfully

<b>ID</b>	32001
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<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Notice
<b>Message</b>	<ul style="list-style-type: none"><li>• msg=\"Administrator &lt;user_name&gt; logged in successfully from &lt;IP_address&gt;\"</li><li>• msg=\"Administrator &lt;user_name&gt; accepted login disclaimer and logged in successfully from &lt;IP_address&gt;\"</li></ul>
<b>Meaning</b>	An administrator logged in successfully.

## Administrator failed to log in

<b>ID</b>	32002
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Alert
<b>Message</b>	msg=\"Administrator <user_name> login failed from <IP_address>\"
<b>Meaning</b>	An administrator failed to log in.

## Administrator logged out

<b>ID</b>	32003
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Notice
<b>Message</b>	msg=\"Administrator <user_name> <action> <status>\"
<b>Meaning</b>	An administrator logged out.

## Admin login disabled because of login failures

<b>ID</b>	32008
<b>Type</b>	Event log
<b>Subtype</b>	System

<b>Severity</b>	Alert
<b>Message</b>	<ul style="list-style-type: none"><li>msg="Login disabled from IP &lt;IP_address&gt; for &lt;number_of_seconds&gt; seconds because of &lt;number_of_attempts&gt; bad attempts"</li><li>msg="Administrator &lt;user_name&gt; disabled from logging in for &lt;number_of_seconds&gt; seconds because of &lt;number_of_attempts&gt; bad attempts"</li></ul>
<b>Meaning</b>	The admin login was disabled because of too many failed attempts to log in.

## Alarm test

<b>ID</b>	32010
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Alert
<b>Message</b>	msg="Alarm testing"
<b>Meaning</b>	The alarm is being tested.

## Partitioning or formatting error

<b>ID</b>	33000
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Warning
<b>Message</b>	msg="Partitioning or formatting error (<error_number>, <error_message>) partition=<partition_name> format=<type> label=<label_name>"
<b>Meaning</b>	A partitioning error or formatting error occurred.

## Log disk failure imminent

<b>ID</b>	33001
<b>Type</b>	Event log
<b>Subtype</b>	System

<b>Severity</b>	Critical
<b>Message</b>	msg=\"Log disk failure is imminent, logs should be backed up\"
<b>Meaning</b>	This S.M.A.R.T. (Self-Monitoring, Analysis and Reporting Technology) error is erroneous.

## Lack of flash space

<b>ID</b>	33002
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Critical
<b>Message</b>	Cannot store config due to short of flash space: require <number_of_blocks> blocks, only <number_of_blocks> free blocks left on flash disk
<b>Meaning</b>	The system configuration cannot be saved because of lack of flash space.

## Disk formatting requested

<b>ID</b>	33003
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Critical
<b>Message</b>	msg=\"User <user_name> requested to format <disk_name> disk from <IP_address>\"
<b>Meaning</b>	The specified user requested that the disk to be formatted.

## Disk storage set up

<b>ID</b>	33004
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Notice
<b>Message</b>	user=\"<user_name>\" ui=<disk storage> action=<action> name=\"<disk name>\"
<b>Meaning</b>	The user set up the disk storage.

## Disk storage entry deleted

<b>ID</b>	33005
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Notice
<b>Message</b>	msg=\"user <user_name> delete disk storage entry\"
<b>Meaning</b>	The user deleted an entry in disk storage.

## Fan failure detected

<b>ID</b>	33100
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Warning
<b>Message</b>	msg=\"FAN failure detected\"
<b>Meaning</b>	A fan failure was detected.

## Fan tray not detected

<b>ID</b>	33101
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Warning
<b>Message</b>	msg=\"FAN TRAY undetected\"
<b>Meaning</b>	The fan tray was not detected.

## Fan tray detected

<b>ID</b>	33102
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<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Warning
<b>Message</b>	msg=\"FAN TRAY detected\"
<b>Meaning</b>	The fan tray was detected.

## Fan tray detection failed

<b>ID</b>	33103
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Warning
<b>Message</b>	msg=\"FAN failure detected\"
<b>Meaning</b>	The fan tray detection failed.

## Fan resumed working

<b>ID</b>	33104
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Warning
<b>Message</b>	msg=\"FAN resumes\"
<b>Meaning</b>	The fan has resumed working.

## Administrator runs FIPS self-test

<b>ID</b>	33300
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Notice

<b>Message</b>	<ul style="list-style-type: none"><li>• msg="Administrator &lt;user_name&gt; initiates the &lt;test_name&gt; self-test from &lt;IP_address&gt;"</li><li>• msg="Administrator &lt;user_name&gt; initiates all self-tests from &lt;IP_address&gt;"</li></ul>
<b>Meaning</b>	The administrator starts running the FIPS self-test.

## FIPS error mode

<b>ID</b>	33301
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Emergency
<b>Message</b>	msg="System enters error-mode due to <reason>"
<b>Meaning</b>	A FIPS error occurred.

## Encryption failed

<b>ID</b>	33302
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Alert
<b>Message</b>	msg="EVP encryption failed"
<b>Meaning</b>	Encryption has failed.

## Decryption failed

<b>ID</b>	33303
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Alert
<b>Message</b>	msg="EVP decryption failed"
<b>Meaning</b>	Decryption has failed.

## New entropy seed generated

<b>ID</b>	33304
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Notice
<b>Message</b>	msg=\" re-seeding entropy {status =<status>, trng=<type_of_random_number_generator>}
<b>Meaning</b>	A new entropy seed has been generated.

## FortiLAN Cloud started

<b>ID</b>	34000
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Warning
<b>Message</b>	msg=\"flan_cloud service is started by user.\"
<b>Meaning</b>	The user started FortiLAN Cloud.

## FortiLAN Cloud stopped

<b>ID</b>	34001
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Warning
<b>Message</b>	msg=\"flan_cloud service is stopped by user.\"
<b>Meaning</b>	The user stopped FortiLAN Cloud.

## SSL connection to FortiLAN Cloud established

<b>ID</b>	34002
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<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Warning
<b>Message</b>	msg=\"SSL connection to cloud-manager ip=<IP_address>, port=<port_name> is established.\\\"
<b>Meaning</b>	The SSL connection to the FortiLAN Cloud has been established.

## SSL connection to FortiLAN Cloud down

<b>ID</b>	34003
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Warning
<b>Message</b>	msg=\"SSL connection to cloud-manager ip=<IP_address>, port=<port_name> is down (reason=<reason>).\\\"
<b>Meaning</b>	The SSL connection to FortiLAN Cloud is down.

## SSL connection to FortiLAN Cloud not established

<b>ID</b>	34004
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Warning
<b>Message</b>	msg=\"SSL connection to cloud-manager ip=<IP_address>, port=<port_number> not be established.\\\"
<b>Meaning</b>	The SSL connection to FortiLAN Cloud cannot be established.

## Packet capture stopped because of lack of storage

<b>ID</b>	34006
<b>Type</b>	Event log
<b>Subtype</b>	System

<b>Severity</b>	Warning
<b>Message</b>	msg=\\\"sniffer profile <profile_name> stopped due to storage error. (err=<error>).\\\"
<b>Meaning</b>	The packet capture stopped because there is not enough storage.

## SSL connection being restarted

<b>ID</b>	34007
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Warning
<b>Message</b>	msg=\\\"Restarting SSL connection, error= <error>.\\\"
<b>Meaning</b>	The SSL connection was restarted because of an error.

## Corrupt MAC packet detected

<b>ID</b>	34200
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Warning
<b>Message</b>	msg=\\\"Corrupted MAC packet detected\\\"
<b>Meaning</b>	A corrupt MAC packet was detected.

## Firmware image loaded

<b>ID</b>	34300
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Critical
<b>Message</b>	<ul style="list-style-type: none"><li>• msg=\\\"User &lt;user_name&gt; loaded an image from &lt;IP_address&gt;\\\"</li><li>• user=\\\"&lt;user_name&gt;\\\" ui=&lt;IP_address&gt;</li><li>• msg=\\\"User &lt;user_name&gt; loaded an image from &lt;IP_address&gt;, the new image does have a</li></ul>

valid RSA signature.\"

- msg=\"User <user\_name> updated the image from <IP\_address> (<old\_build\_number> -> <new\_build\_number>)\"

**Meaning** The specified user loaded or updated the firmware image.

## Firmware image restored

<b>ID</b>	34301
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Critical
<b>Message</b>	msg=\"User <user_name> restored the image from <IP_address> (<old_version_number>,build <old_build_number>-> <new_version_number>,build <new_build_number>)\"
<b>Meaning</b>	The specified user restored the firmware image.

## Firmware image failures

<b>ID</b>	34306
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Critical
<b>Message</b>	<ul style="list-style-type: none"> <li>• msg=\"User &lt;user_name&gt; loaded a wrong image from &lt;IP_address&gt;.\"</li> <li>• msg=\"User &lt;user_name&gt; loaded an image from &lt;IP_address&gt;, the new image has an invalid CC signature.\"</li> <li>• msg=\"User &lt;user_name&gt; loaded an image from &lt;IP_address&gt;, the new image has an invalid RSA signature.\"</li> <li>• msg=\"User &lt;user_name&gt; loaded an image from &lt;IP_address&gt;, the new image does have a valid RSA signature with new public key.\"</li> <li>• msg=\"User &lt;user_name&gt; loaded an image from &lt;IP_address&gt;, System upgrade failed due to file operation failure\"</li> </ul>
<b>Meaning</b>	<ul style="list-style-type: none"> <li>• The user loaded the wrong firmware image.</li> <li>• The user loaded a firmware image with an invalid CC signature.</li> <li>• The user loaded a firmware image with an invalid RSA signature.</li> <li>• The user loaded a firmware image with a valid RSA signature with a new public key.</li> <li>• The system upgrade failed because of a file operation failure.</li> </ul>

## Firmware image backed up to flash disk

<b>ID</b>	34314
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Notice
<b>Message</b>	msg=\"Firmware image backed up to flash disk for system <IP_address>\"
<b>Meaning</b>	The firmware image was backed up to a flash disk.

## Backing up firmware image failed

<b>ID</b>	34315
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Notice
<b>Message</b>	msg=\"Failed to backup firmware image for system <IP_address>. The reason is: <reason>\"
<b>Meaning</b>	Backing up the firmware image failed.

## IP address conflict

<b>ID</b>	35000
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Notice
<b>Message</b>	msg=\"IP Conflict: conflict detected on system interface <interface_name> for IP address <IP_address>\"
<b>Meaning</b>	An IP address conflict was detected on the specified system interface.

## Changes to link monitor

<b>ID</b>	35100
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Critical
<b>Message</b>	msg=\"<changes>\"
<b>Meaning</b>	Changes were made to the link monitor.

## Changes to a static route

<b>ID</b>	35101
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Critical
<b>Message</b>	msg=\"<changes>\"
<b>Meaning</b>	Changes were made to a static route.

## Changes to the link monitor state

<b>ID</b>	35102
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Notice
<b>Message</b>	msg=\"<changes>\"
<b>Meaning</b>	Changes were made to the link monitor state.

## RADIUS IPC error

<b>ID</b>	35200
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<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Error
<b>Message</b>	msg=\"Unable to initialize RADIUS IPC (<IP_address>)\"
<b>Meaning</b>	The RADIUS IPC could not be initialized.

## User viewed memory logs

<b>ID</b>	35213
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Notice
<b>Message</b>	msg=\"User <user_name> has viewed the memory logs from <log>\"
<b>Meaning</b>	The specified user has viewed memory logs.

## Log full

<b>ID</b>	35214
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Alert
<b>Message</b>	msg=\"Memory <type> log is <percent> full\"
<b>Meaning</b>	The memory log is full.

## Disk has rolled log maximum number of times

<b>ID</b>	35215
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Emergency

<b>Message</b>	msg="Disk has rolled the max number of times.It will not roll logs again until deleting some of the old rolled logs.
<b>Meaning</b>	The disk has rolled the logs the maximum number of times. Some of the old rolled logs must be deleted before the disk will start rolling logs again.

## System deleted uploaded logs

<b>ID</b>	35216
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Information
<b>Message</b>	msg="System deleted logs that are uploaded\"
<b>Meaning</b>	The system deleted uploaded logs.

## Log disk full

<b>ID</b>	35217
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Emergency
<b>Message</b>	<ul style="list-style-type: none"> <li>• msg="Log disk is &lt;percent&gt; full.System will &lt;action&gt; when reaching &lt;percent&gt;.\"</li> <li>• msg="&lt;log_name&gt; is &lt;percent&gt; full.System will stop &lt;log_name&gt; logging.\"</li> <li>• msg="Disk logs exceed full final warning threshold. Deleted rolled log file &lt;file_name&gt;.</li> <li>• msg="Disk logs exceed full final warning threshold. Deleted rolled packet directory &lt;directory_name&gt;.</li> <li>• msg="Disk logs exceed full final warning threshold. Deleted rolled dlp-archive directory &lt;directory_name&gt;.</li> </ul>
<b>Meaning</b>	<ul style="list-style-type: none"> <li>• The log disk is full. The system will stop logging when reaching the specified percentage.</li> <li>• The log disk is full. The system will stop logging.</li> <li>• The size of the disk logs has exceeded the final warning threshold. The rolled log file has been deleted.</li> <li>• The size of the disk logs has exceeded the final warning threshold. The rolled packet directory has been deleted.</li> <li>• The size of the disk logs has exceeded the final warning threshold. The rolled DLP archive directory has been deleted.</li> </ul>

## Log rotation

<b>ID</b>	35218
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Notice
<b>Message</b>	msg=\"Disk log has rolled.\\\"
<b>Meaning</b>	The disk logs have been rolled.

## System entered CC error mode

<b>ID</b>	35219
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Emergency
<b>Message</b>	<ul style="list-style-type: none"><li>• msg=\"CC error: Memory logs are full. System entered error mode.\\\"</li><li>• msg=\"CC error: Disk logs are full. System entered error mode.\\\"</li><li>• msg=\"CC error: Unknown. System entered error mode.\\\"</li></ul>
<b>Meaning</b>	The system is in CC error mode because the memory or disk logs are full.

## System exited CC error mode

<b>ID</b>	35221
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Information
<b>Message</b>	msg=\"System exiting out of error mode.\\\"
<b>Meaning</b>	The system is exiting CC error mode.



## Logs cleared

<b>ID</b>	35222
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Notice
<b>Message</b>	msg=\"User <user_name> has cleared logs () from <time_range>\"
<b>Meaning</b>	The specified user has cleared logs.

## Rolled log files deleted

<b>ID</b>	35223
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Notice
<b>Message</b>	msg=\"User <user_name> has deleted <number_of_logs> rolled <log_type> log file <file_name> (<IP_address>) from <IP_address>\"
<b>Meaning</b>	The specified user has deleted rolled log files.

## User failed to view logs

<b>ID</b>	35227
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Warning
<b>Message</b>	<ul style="list-style-type: none"><li>msg=\"System reboot is required after disk error\"</li><li>msg=\"User &lt;user_name&gt; failed to access the &lt;log_type&gt; logs from &lt;IP_address&gt;\"</li></ul>
<b>Meaning</b>	<ul style="list-style-type: none"><li>The system must be restarted after a disk error.</li><li>The specified user failed to access the logs.</li></ul>

## Daily logging quota full

<b>ID</b>	35229
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Alert
<b>Message</b>	msg=\" daily quota is reached.System stops logging until <number_of_seconds> sec later.\"
<b>Meaning</b>	The daily logging quota has been reached, and the system has stopped logging.

## Logging file downloaded

<b>ID</b>	35230
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Warning
<b>Message</b>	msg=\"<action> by user <user_name> via <interface>\"
<b>Meaning</b>	The specified user has used the GUI to download a logging file from the firewall.

## Log backed up

<b>ID</b>	35231
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Notice
<b>Message</b>	<ul style="list-style-type: none"><li>msg=\"User &lt;user_name&gt; backed up &lt;log_type&gt; memory log from &lt;IP_address&gt;\"</li><li>msg=\"User &lt;user_name&gt; backed up &lt;log_type&gt; log from &lt;IP_address&gt;\"</li></ul>
<b>Meaning</b>	The specified user has backed up the log.

## Backing up all logs failed

<b>ID</b>	35232
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<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Notice
<b>Message</b>	<ul style="list-style-type: none"> <li>• msg=\"User &lt;user_name&gt; failed to back up &lt;log_type&gt; memory log from &lt;IP_address&gt;\"</li> <li>• msg=\"User &lt;user_name&gt; failed to back up all memory logs (&lt;log_types&gt;) from &lt;IP_address&gt;\"</li> <li>• msg=\"User &lt;user_name&gt; failed to backup all the logs from &lt;IP_address&gt;\"</li> </ul>
<b>Meaning</b>	The specified user failed to back up all logs.

## All logs backed up

<b>ID</b>	35233
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Notice
<b>Message</b>	<ul style="list-style-type: none"> <li>• msg=\"User &lt;user_name&gt; backed up all memory logs from &lt;IP_address&gt;\"</li> <li>• msg=\"User &lt;user_name&gt; backed up all the logs from &lt;IP_address&gt;\"</li> </ul>
<b>Meaning</b>	The specified user backed up all logs.

## Log backup failed

<b>ID</b>	35236
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Notice
<b>Message</b>	msg=\"User <user_name> failed to backup <log_type> log from <IP_address>\"
<b>Meaning</b>	The specified user failed to back up all logs.

## Warning from monitor-and-alert daemon

<b>ID</b>	35242
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<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Warning
<b>Message</b>	msg=\"<message_text>.\"
<b>Meaning</b>	The monitor-and-alert daemon sent a warning.

## USB device inserted or removed

<b>ID</b>	35243
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Notice
<b>Message</b>	<ul style="list-style-type: none"><li>• msg=\"USB device inserted\"</li><li>• msg=\"USB device removed\"</li></ul>
<b>Meaning</b>	A USB device was inserted or removed.

## Log nearly full

<b>ID</b>	35245
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Alert
<b>Message</b>	<ul style="list-style-type: none"><li>• msg=\"Log disk is&lt;percentage&gt; full.System will &lt;action&gt; when reaching &lt;percentage&gt;.\"</li><li>• msg=\"Log disk is &lt;percentage&gt; full\"</li></ul>
<b>Meaning</b>	The log is nearly full.

## Oldest logs uploaded

<b>ID</b>	35246
<b>Type</b>	Event log

<b>Subtype</b>	System
<b>Severity</b>	Notice
<b>Message</b>	msg=\"<log> is <percentage> full.System will upload oldest 20%% logs.\"
<b>Meaning</b>	The log is full. The system will upload the oldest 20 percent logs.

## Log full

<b>ID</b>	35248
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Notice
<b>Message</b>	msg=\"Memory <log> log is <percentage> full\"
<b>Meaning</b>	The memory log is full.

## Log nearly full

<b>ID</b>	35249
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Warning
<b>Message</b>	msg=\"Memory <log> log is <percentage> full\"
<b>Meaning</b>	The memory log is nearly full.

## Logs deleted and logs uploaded

<b>ID</b>	35250
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Information

<b>Message</b>	msg=\"<log> is <percentage> full.System will delete oldest 20%% uploaded logs, and upload another oldest 20%% un-upload logs.\"
<b>Meaning</b>	The log is full. The sysem will delete 20 percent of logs that were uploaded and then upload 20 percent of the logs that were not previously uploaded.

## Log test

<b>ID</b>	36000
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Varies
<b>Message</b>	msg=\"user admin logged into the fw - <action>\"
<b>Meaning</b>	Log test

## PSU 1 is down

<b>ID</b>	36106
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Warning
<b>Message</b>	msg=\"PSU 1 is down\"
<b>Meaning</b>	Power supply unit (PSU) 1 is down.

## PSU 1 is up

<b>ID</b>	36107
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Warning
<b>Message</b>	msg=\"PSU 1 is up\"
<b>Meaning</b>	PSU 1 is up.

## PSU 2 is down

<b>ID</b>	36108
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Warning
<b>Message</b>	msg=\"PSU 2 is down\"
<b>Meaning</b>	PSU 2 is down.

## PSU 2 is up

<b>ID</b>	36109
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Warning
<b>Message</b>	msg=\"PSU 2 is up\"
<b>Meaning</b>	PSU 2 is up.

## Corrupt MAC packet detected

<b>ID</b>	36250
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Warning
<b>Message</b>	msg=\"Corrupted MAC packet detected\"
<b>Meaning</b>	A corrupt MAC packet was detected.

## Unable to negotiate

<b>ID</b>	36251
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<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Error
<b>Message</b>	msg=\"Negotiation failed: <IP_address>. Their offer: <IP_address>.\"
<b>Meaning</b>	Unable to negotiate.

## SSH server needs rekeying

<b>ID</b>	36252
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Warning
<b>Message</b>	msg=\"SSH server rekey\"
<b>Meaning</b>	The SSH server needs rekeying.

## Negotiation failed

<b>ID</b>	36253
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Error
<b>Message</b>	msg=\"Negotiation failed: <port_name>.\"
<b>Meaning</b>	Negotiation failed.

## Fan tray status

<b>ID</b>	36300
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Warning



<b>Message</b>	Varies
<b>Meaning</b>	The fan tray status is reported.

## Alarm testing

<b>ID</b>	36350
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Emergency
<b>Message</b>	msg=\"Alarm testing\"
<b>Meaning</b>	The alarm is being tested.

## Learning-limit violations reset

<b>ID</b>	42000
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Notice
<b>Message</b>	<ul style="list-style-type: none"><li>• msg=\"Learn Limit Violation: Resetting violations for VLAN ID &lt;VLAN_ID&gt;.\"</li><li>• msg=\"Learn Limit Violation: Resetting violations for interface &lt;interface_name&gt;.\"</li><li>• msg=\"Learn Limit Violation: Resetting all violations.\"</li></ul>
<b>Meaning</b>	<ul style="list-style-type: none"><li>• The learning-limit violation log was cleared for a specific interface.</li><li>• The learning-limit violation log was cleared for a specific VLAN.</li><li>• All learning-limit violation logs were cleared.</li></ul>

## Learning-limit violations deleted

<b>ID</b>	42001
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Notice
<b>Message</b>	<ul style="list-style-type: none"><li>• msg=\"Learn Limit Violation: Clearing (deleting) violations for interface &lt;interface_name&gt;.\"</li></ul>

	<ul style="list-style-type: none"><li>• msg=\"Learn Limit Violation: Clearing (deleting) violations for VLAN ID &lt;VLAN_ID&gt;.\"</li><li>• msg=\"Learn Limit Violation: Clearing (deleting) all violations.\"</li></ul>
<b>Meaning</b>	<ul style="list-style-type: none"><li>• The learning-limit violations were deleted for a specific interface.</li><li>• The learning-limit violations were deleted for a specific VLAN.</li><li>• All learning-limit violations were deleted.</li></ul>

## Learning-limit violation log enabled

<b>ID</b>	42002
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Notice
<b>Message</b>	msg=\"Enabled learning limit violation records.\"
<b>Meaning</b>	The learning-limit violation log has been enabled.

## Learning-limit violation log disabled

<b>ID</b>	42003
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Notice
<b>Message</b>	msg=\"Disabled learning limit violation records.\"
<b>Meaning</b>	The learning-limit violation log has been disabled.

## Learning limit exceeded

<b>ID</b>	42004
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Notice
<b>Message</b>	<ul style="list-style-type: none"><li>• msg=\"VLAN MAC learning limit exceeded, MAC &lt;MAC_address&gt; on VLAN &lt;VLAN_ID&gt; (RX Interface: &lt;interface_name&gt;).\"</li></ul>

- msg="Interface MAC learning limit exceeded, MAC <MAC\_address> on <interface\_name> (Packet VID: <VLAN\_ID>).\"

**Meaning** The learning limit was exceeded on the specified VLAN or interface.

## VM license file added

<b>ID</b>	42100
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Critical
<b>Message</b>	msg="User <user_name> added VM license file.\"
<b>Meaning</b>	The specified user added a VM license file.

## Failed to add VM license file

<b>ID</b>	42101
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Critical
<b>Message</b>	msg="User <user_name> failed to add VM license file.\"
<b>Meaning</b>	The specified user failed to add a VM license file.

## No more IP source guard entries can be added

<b>ID</b>	42200
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Warning
<b>Message</b>	msg="Not install entry <IP_address> on <switch_interface> due to \"FULL\" error code.\"
<b>Meaning</b>	No more IP source guard entries can be added because the maximum number of entries has been added.

## IP source-guard violations

<b>ID</b>	42201
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Notice
<b>Message</b>	msg="Source guard violation, interface=<interface_name>, mac=<MAC_address>, ip=<IP_address>"
<b>Meaning</b>	Events that violate the IP source-guard settings have occurred.

## Cable-diagnostics messages

<b>ID</b>	42300
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Notice
<b>Message</b>	<ul style="list-style-type: none"><li>• msg="CABLE DIAGNOSE: A cable diagnostic is currently running on &lt;port_name&gt;, please try again in a few moments"</li><li>• msg="CABLE DIAGNOSE: A cable diagnostic must be performed on port which status configuration is up"</li><li>• msg="CABLE DIAGNOSE: Error diagnosing cable on port &lt;port_name&gt; (errno = &lt;error_number&gt;)"</li><li>• msg="CABLE DIAGNOSE: interface=&lt;port_name&gt; result=&lt;result&gt;"</li></ul>
<b>Meaning</b>	<ul style="list-style-type: none"><li>• Cable diagnostics can be run only on one port at a time.</li><li>• You need to run cable diagnostics on an active port.</li><li>• There was an error when running cable diagnostics.</li><li>• The following results are for cable diagnostics on the specified port.</li></ul>

## Global time setting changed

<b>ID</b>	42451
<b>Type</b>	Event log
<b>Subtype</b>	System

<b>Severity</b>	Notice
<b>Message</b>	<ul style="list-style-type: none"><li>• msg=\"User &lt;user_name&gt; changed time from &lt;old_date_time&gt; to &lt;new_date_time&gt;\"</li><li>• msg=\"The ntp daemon step adjusted time from &lt;old_date_time&gt; to &lt;new_date_time&gt; (sync source: &lt;IP_address&gt;)\"</li></ul>
<b>Meaning</b>	<ul style="list-style-type: none"><li>• The specified user changed the global time setting.</li><li>• The NTP daemon adjusted the global time setting.</li></ul>

## Local user added

<b>ID</b>	42471
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Notice
<b>Message</b>	msg=\"User <user_name> added local user <user_name> from <IP_address>\"
<b>Meaning</b>	The specified user added a local user.

## Local user's setting changed

<b>ID</b>	42472
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Notice
<b>Message</b>	msg=\"User <user_name> changed local user <user_name> setting from <IP_address>\"
<b>Meaning</b>	The specified user changed the setting for a local user.

## Log information from the DHCPv6 client module daemon

<b>ID</b>	42492-42499
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Varies

<b>Message</b>	msg=\"<log_entry>\"
<b>Meaning</b>	The DHCPv6 client module daemon reported information for the log.

## Start running a script

<b>ID</b>	42520
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Information
<b>Message</b>	msg=\"User <user_name> start script <script_name> from <IP_address>\"
<b>Meaning</b>	The specified user started to run a script.

## Stopped running a script

<b>ID</b>	42521
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Information
<b>Message</b>	<ul style="list-style-type: none"><li>• msg=\"User &lt;user_name&gt; stop script &lt;script_name&gt; from &lt;IP_address&gt;\"</li><li>• msg=\"User &lt;user_name&gt; stop all scripts from &lt;IP_address&gt;\"</li></ul>
<b>Meaning</b>	<ul style="list-style-type: none"><li>• The specified user stopped running a script.</li><li>• The specified user stopped running all scripts.</li></ul>

## User deleted script results

<b>ID</b>	42523
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Information
<b>Message</b>	msg=\"User <user_name> delete the result of script <script_name> from <IP_address>\"
<b>Meaning</b>	The specified user deleted the script output.

## Backed up script results

<b>ID</b>	42524
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Information
<b>Message</b>	msg=\"backup autoscript <script_name> result via <IP_address> -- <action>\"
<b>Meaning</b>	The script output was backed up.

## Checked script status

<b>ID</b>	42525
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Information
<b>Message</b>	msg=\"User <user_name> checked the status of autoscript(s) from <IP_address>\"
<b>Meaning</b>	The specified user checked the status of the script.

## Script stopped because of output limit

<b>ID</b>	42526
<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Information
<b>Message</b>	msg=\"script <script_name> stopped due to the output has reached the size limit\"
<b>Meaning</b>	The script stopped running when the output reached the maximum size.

## Automation stitch triggered

<b>ID</b>	42580
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<b>Type</b>	Event log
<b>Subtype</b>	System
<b>Severity</b>	Notice
<b>Message</b>	msg=\"stitch:<stitch_name> is triggered.\"
<b>Meaning</b>	The trigger for the specified automation stitch has occurred, so the stitch's action will be performed.





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