Hillstone Networks Inc.

StoneOS Log Messages Reference Guide

Version 5.5R6



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Hillstone Networks Inc

Contact Information:

US Headquarters:

Hillstone Networks

292 Gibraltar Drive, Suite 105

Sunnyvale, CA 94089

Phone: 1-408-508-6750

http://www.hillstonenet.com/about-us/contact/

About this Guide:

This guide describes log messages generated by StoneOS.

For more information, refer to the documentation site: http://docs.hillstonenet.com.

To provide feedback on the documentation, please write to us at:

hs-doc@hillstonenet.com

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Preface

About This Document

This document describes log messages generated by StoneOS in Hillstone devices and provides solutions for some problems.

Documentation Conventions

This document uses the following syntax conventions:

- Braces ({ }): indicates a required element.
- Square brackets ([ ]): indicates an optional element.
- Vertical bar (|): separates multiple mutually exclusive options.
- *Italic*: indicates variables which can be substituted by other values.

For example, here are two log messages:

- Add user-group usergroup1 done.
- Remove user-group usergroup1 done.

In this document, the two log messages belong to this log: {Add | Remove} user-group *user-group-name* done.

Note: In this log, Add and Remove in brackets are required keywords; *user-group-name* is a variable, and in the above example, it is substituted by usergroup1.

Grayed texts indicate overdue logs.

Overview

The log function is designed to help system administrators analyze and track problems on Hillstone devices. StoneOS logs are divided into following types: event logs, operate logs, security logs, configuration logs, network logs, traffic logs, IPS logs, Data security logs, EI logs, debug logs and sandbox logs. These logs categorize system events by severities. The eight severities are described in Table 1:

Table 1: Log Severity

Severity	No.	Description	Log Definition
Emergencies	0	Identifies invalid system events.	LOG_EMERG
Alerts	1	Identifies problems which need immediate attention, e.g., the device is being attacked.	LOG_ALERT
Critical	2	Identifies urgent problems, such as hardware failure.	LOG_CRIT
Errors	3	Generates messages for system errors.	LOG_ERR
Warnings	4	Generates messages for warning.	LOG_WARNING
Notifications	5	Generates messages for notice and special attention.	LOG_NOTICE
Informational	6	Generates informational messages.	LOG_INFO
Debugging	7	Generates all debugging messages, including daily operation messages.	LOG_DEBUG

Log Format

To facilitate the access and analysis of the system logs, StoneOS logs follow a fixed pattern of information layout, i.e., **date/time, severity level@module: descriptions**. See the example below:

```
2000-02-05 01:51:21, WARNING@LOGIN: Admin user "hillstone" logged in
through console from localhost.
```

Or, if the system has enabled 4 digit year format (RFC5424), the format is:

```
2003-08-24T05:14:15.000003-07:00 WARNING@LOGIN: Admin user
"hillstone" logged in through console from localhost.
```

After logs are sent to a third-party log server, the log format may be slightly different. See the example below:

```
<188>Jan 11 15:06:12 25083xxxxxx05643(root) 421c0403 Event@MGMT:
Admin user "hillstone" logged out through http, and the IP is X.X.X.X
```

Log Message

This section describes all the logs in StoneOS and details each log message, including message description and solutions. The messages are categorized by functional modules. Each message is labeled with a severity and a unique ID.

AAA

ID:	0x47040601
Type:	Event
Severity:	Informational
Message:	{Add | Remove | Edit} administrator *admin-name* {entity | privilege | login type | password} failed due to *reason*.
Description:	Failed to add/remove administrator *admin-name* or failed to edit the privilege/login type/password of administrator *admin-name* due to *reason*.
Solution:	N/A

ID:	0x47040602
Type:	Event
Severity:	Informational
Message:	{Add | Remove | Edit} administrator *admin-name* {entity | privilege | login type | password} successfully.
Description:	Succeeded in adding or removing administrator *admin-name* or succeeded in editing the privilege/login type/password of administrator *admin-name*.
Solution:	N/A

ID:	0x47040603
Type:	Event
Severity:	Informational
Message:	{Add | Remove | Edit} aaa-server *server-name* {*entity* | *parameter*} failed due to *reason*.
Description:	Failed to add/remove the aaa-server *server-name* or failed to edit the *parameter* of aaa-server *server-name* due to *reason*.
Solution:	N/A

ID:	0x47040604
Type:	Event
Severity:	Informational
Message:	{Add | Remove | Edit} aaa-server *server-name* {*entity* | *parameter*} successfully.
Description:	Succeeded in adding/removing the aaa-server *server-name* or succeeded in editing the *parameter* of aaa-

	server *server-name*.
Solution:	N/A

ID:	0x47040605
Type:	Event
Severity:	Informational
Message:	Authentication for user *user-name* is accepted.
Description:	Authentication for user *user-name* succeeded.
Solution:	N/A

ID:	0x47040606
Type:	Event
Severity:	Informational
Message:	Authentication for user *user-name* is denied by *server-name*.
Description:	Authentication for user *user-name* failed and the user was denied by aaa-server *server-name*.
Solution:	N/A

ID:	0x47040607
Type:	Event
Severity:	Informational
Message:	{Add | Remove} user-group *user-group-name* done.
Description:	Succeeded in adding/removing user-group *user-group-name*.
Solution:	N/A

ID:	0x47040608
Type:	Event
Severity:	Informational
Message:	{Add | Remove} user-group *user-group-name* error for *reason*.
Description:	Failed to add/remove user-group *user-group-name* due to *reason*.
Solution:	N/A

ID:	0x47040609
Type:	Event
Severity:	Informational
Message:	{Add | Remove | Edit} role {*entity* | *description*} *role-name* done.
Description:	Succeeded in adding/removing role *role-name* or succeeded in editing the *description* of role *role-name*.
Solution:	N/A

ID:	0x4704060a
Type:	Event
Severity:	Informational
Message:	{Add | Remove | Edit} role *role-name* {*entity* | *description*} error for *reason*.
Description:	Failed to add/remove role *role-name* or failed to edit the *description* of role *role-name* due to *reason.*
Solution:	N/A

ID:	0x4704060b
Type:	Event
Severity:	Informational
Message:	{Add | Remove} role-mapping-rule *role-mapping-rule* done.
Description:	Succeeded in adding/removing role mapping rule *role-mapping-rule*.
Solution:	N/A

ID:	0x4704060c
Type:	Event
Severity:	Informational
Message:	{Add | Remove} role-mapping-rule *role-mapping-rule* error because *reason*.
Description:	Failed to add/remove role mapping rule *role-mapping-rule* due to *reason.*
Solution:	N/A

ID:	0x4704060d
Type:	Event
Severity:	Informational
Message:	{Add | Remove} item of role-mapping-rule *item* done.
Description:	Succeeded in adding/removing role mapping rule *item*.
Solution:	N/A

ID:	0x4704060e
Type:	Event
Severity:	Informational
Message:	{Add | Remove} item of role-mapping-rule *item* error because *reason*.
Description:	Failed to add/remove role mapping rule *item* due to *reason*.
Solution:	N/A

ID:	0x4704060f
Type:	Event

Severity:	Informational
Message:	{Add | Remove} role-expression *expression* done.
Description:	Succeeded in adding/removing role expression *expression.*
Solution:	N/A

ID:	0x47040610
Type:	Event
Severity:	Informational
Message:	{Add | Remove} role-expression *expression* error because *reason.*
Description:	Failed to add/remove role expression *expression* due to *reason.*
Solution:	N/A

ID:	0x47040611
Type:	Event
Severity:	Informational
Message:	receive authentication request from *application-name* module for administrator *admin-name*.
Description:	The system received an authentication request from module *application-name* for administrator *admin-name*.
Solution:	N/A

ID:	0x47040612
Type:	Event
Severity:	Informational
Message:	authentication response to *application-name* module for administrator *admin-name*, and answer is success.
Description:	The system received an authentication request from module *application-name* for administrator *admin-name*, and responded with success.
Solution:	N/A

ID:	0x47040613
Type:	Event
Severity:	Informational
Message:	authentication response to *application-name* module for administrator *admin-name*, and answer is failed, *reason.*
Description:	The system received an authentication request from module *application-name* for administrator *admin-name*, and responded with failed due to *reason*.
Solution:	N/A

ID:	0x47040614
Type:	Event

Severity:	Informational
Message:	receive authentication request from *application-name* module for user *user-name*.
Description:	The system received an authentication request from module *application-name* for user *user-name*.
Solution:	N/A

ID:	0x47040615
Type:	Event
Severity:	Informational
Message:	authentication response to *application-name* module for user *user-name*, and answer is success.
Description:	The system received an authentication request from module *application-name* for user *user-name*, and responded with success.
Solution:	N/A

ID:	0x47040616
Type:	Event
Severity:	Informational
Message:	authentication response to *application-name* module for user *user-name*, and answer is failed, *reason*.
Description:	The system received an authentication request from module *application-name* for user *user-name*, and responded with failed due to *reason*.
Solution:	N/A

ID:	0x47040617
Type:	Event
Severity:	Informational
Message:	User bind reach max number *max-number*, for server *server-name* add *ip-address* -> *user-name* mapping failed.
Description:	Failed to add *ip-address* -> *user-name* mapping, because the number of IP/user bindings on AD server *server-name* exceeded the max number *max-number.*
Solution:	N/A

ID:	0x47040618
Type:	Event
Severity:	Informational
Message:	User bind conflict with another one in server *server-name1*, for server *server-name2* add *ip-address* -> *user-name* forcedly.
Description:	Forced to add *ip-address* -> *user-name* mapping on AD server *server-name2*, because the IP/user binding conflicted with another one on AD server *server-name1.*

Solution:	N/A

ID:	0x47040419
Type:	Event
Severity:	Warnings
Message:	*application-name* user *user-name* changed his password on client host.
Description:	System received the message from module *application-name* that user *user-name* changed his password on the client host.
Solution:	N/A

ID:	0x4704061a
Type:	Event
Severity:	Information
Message:	Accounting for user *user-name reason*.
Description:	The system received the charging reason *reason* for the user *user-name*.
Solution:	N/A

ID:	0x4704061b
Type:	Event
Severity:	Information
Message:	New PIN response to *application-name* module for user *user-name*, and answer is success.
Description:	System received the message from module *application-name* that user *user-name* changed his PIN on the client host.
Solution:	N/A

ID:	0x4704061c
Type:	Event
Severity:	Information
Message:	New PIN response to *application-name* module for user *user-name*, and answer is failed, *reason*.
Description:	System received the message from module *application-name* that user *user-name* failed to change his PIN on the client host due to *reason*.
Solution:	N/A

ID:	0x4704061d
Type:	Event
Severity:	Informational
Message:	AAA monitor *monitor-name* received a login message: type is *type*, IP is *IP-address*, user is *user-name*, extra data is *extra-data*.Result is *result*.

Description:	AAA minitor is the function module which is used for sytem to receive the message from monitor server. AAA monitor (*monitor-name*) of system received a login message: type is *type*, IP is *IP-address*, user is *user-name*, extra data is *extra-data*.Result is *result*.
Solution:	N/A

ID:	0x4704061e
Type:	Event
Severity:	Informational
Message:	AAA monitor *monitor-name* received a logout message: type is *type*, IP is *IP-address*, user is *user-name*.Result is *result*.
Description:	AAA minitor is the function module which is used for sytem to receive the message from monitor server. AAA monitor (*monitor-name*) of system received a logout message: type is *type*, IP is *IP-address*, user is *user-name*.Result is *result*.
Solution:	N/A

ID:	0x4704061f
Type:	Event
Severity:	Informational
Message:	AAA monitor *monitor-name* received a malformed message header. Error code is *error-code*.
Description:	AAA minitor is the function module which is used for sytem to receive the message from monitor server. AAA monitor (*monitor-name*) of system received a malformed message header. Error code is *error-code*.
Solution:	N/A

ID:	0x47040620
Type:	Event
Severity:	Informational
Message:	AAA monitor *monitor-name* received a malformed message body: type is *type*, IP is *IP-address*. Error code is *error-code.*
Description:	AAA minitor is the function module which is used for sytem to receive the message from monitor server. AAA monitor (*monitor-name*) of system received a malformed message body: type is *type*, IP is *IP-address*. Error code is *error-code.*
Solution:	N/A

ID:	0x47040626
Type:	Event
Severity:	Informational

Message:	AAA monitor *monitor-name* delete all invalid user.
Description:	AAA minitor is the function module which is used for sytem to receive the message from monitor server. AAA monitor *monitor-name* of system deletes all invalid users.
Solution:	N/A

ID:	0x47040621
Type:	Event
Severity:	Informational
Message:	{Add | Remove | Edit} user-defined role *role-name* {*entity* | *description*} failed due to *reason.*
Description:	Failed to add/remove user-defined role *role-name* or failed to edit the *description* of user-defined role *role-name* due to *reason*.
Solution:	N/A

ID:	0x47040622
Type:	Event
Severity:	Informational
Message:	{Add | Remove | Edit} user-defined role *role-name* {*entity* | *description*} successfully.
Description:	Successed to add/remove user-defined role *role-name* or edit the *description* of user-defined role *role-name* due to *reason*.
Solution:	N/A

ID:	0x47040623
Type:	Event
Severity:	Informational
Message:	sso radius user online: username is *username*, *binding-type* is {*ip* | *mac*}.
Description:	sso radius user *username* logins successfully, whose binding-type is IP or MAC.
Solution:	N/A

ID:	0x47040624
Type:	Event
Severity:	Informational
Message:	sso radius user offline: username is *username*, *binding-type* is {*ip* | *mac*}.
Description:	sso radius user *username* gets offline, whose binding-type is IP or MAC.
Solution:	N/A

ID:	0x47040625

Type:	Event
Severity:	Informational
Message:	sso radius user expired: username is *username*, *binding-type* is {*ip* | *mac*}.
Description:	sso radius user *username* gets offline due to timeout, whose binding-type is IP or MAC.
Solution:	N/A

ID:	0x50040601
Type:	Event
Severity:	Informational
Message:	ad polling user online: username is *username*, *IP* is *IP address*.
Description:	System detects the online information of user *username* through AD Polling, whose binding type is IP and IP address is *IP address*.
Solution:	N/A

ID:	0x50040602
Type:	Event
Severity:	Informational
Message:	ad polling user offline: username is *username*, *IP* is *IP address*.
Description:	System detects the offline information of user *username* through AD Polling, whose binding type is IP and IP address is *IP address*.
Solution:	N/A

ID:	0x50040603
Type:	Event
Severity:	Informational
Message:	ad polling user expired: username is *username*, *binding type* is *IP address*.
Description:	System detects that the user *username* gets offline due to timeout through AD Polling, whose binding type is IP and IP address is *IP address*.
Solution:	N/A

Attack Defense

ID:	0x460c5401
Type:	Security
Severity:	Warnings
Message:	*attack-type*:DROP! *zone-name*::*interface-name source-ip-> destination-ip.*
Description:	The interface *interface-name* in the security zone *zone-name* detected attacks of *attack-type*. The device dropped the attacking packets and logged the source IP address *source-ip* and destination IP address *destination-ip* of the packets.
Solution:	N/A

ID:	0x460c5402
Type:	Security
Severity:	Warnings
Message:	*attack-type*: ALARM! *zone-name*::*interface-name source-ip-> destination-ip*.
Description:	The interface *interface-name* in the security zone *zone-name* detected attacks of *attack-type*. The device issued an alarm and logged the source IP address *source-ip* and destination IP address *destination-ip* of the attacking packets.
Solution:	N/A

ID:	0x460c5403
Type:	Security
Severity:	Warnings
Message:	*attack-type*: DROP! *zone-name*::*interface-name source-ip-> destination-ip.* Occurred *attack-times(N)* times in the last *seconds(X)* seconds.
Description:	The interface *interface-name* in the security zone *zone-name* detected attacks of *attack-type attack-times(N)* times in the last *seconds(X)* seconds. The device dropped the attacking packets and logged the source IP address *source-ip* and destination IP address *destination-ip* of the packets.
Solution:	N/A

ID:	0x460c5404
Type:	Security
Severity:	Warnings
Message:	*attack-type*: ALARM! *zone-name*::*interface-name source-ip-> destination-ip.* Occurred *attack-times(N)* times in the last *seconds(X)* seconds.
Description:	The interface *interface-name* in the security zone *zone-name* detected attacks of *attack-type attack-times(N)*

	times in the last *seconds(X)* seconds. The device issued an alarm and logged the source IP address *source-ip* and destination IP address *destination-ip* of the attacking packets.
Solution:	N/A

ID:	0x460c5405
Type:	Security
Severity:	Warnings
Message:	*file-name*!*error-string*.
Description:	File *file-name error-string* error.
Solution:	N/A

ID:	0x460c5406
Type:	Security
Severity:	Warnings
Message:	*attack-type*:DROP! Destination IP *destination-ip*. Occurred *attack-times (N)* times in the last *seconds(X)* seconds.
Description:	Attacks of *attack-type* occurred *attack-times(N)* times in the last *seconds(X)* seconds. The device dropped the attacking packets and logged the destination IP address *destination-ip* of the packets.
Solution:	N/A

ID:	0x460c5407
Type:	Security
Severity:	Warnings
Message:	*attack-type*: ALARM! Destination IP *destination-ip*. Occurred *attack-times(N)* times in the last *seconds(X)* seconds.
Description:	Attacks of *attack-type* occurred *attack-times(N)* times in the last *seconds(X)* seconds. The device issued an alarm and logged the destination IP address *destination-ip* of the attacking packets.
Solution:	N/A

ID:	0x460c5408
Type:	Security
Severity:	Warnings
Message:	*attack-type*: DROP! Source IP *source-ip.* Occurred *attack-times(N)* times in the last *seconds(X)* seconds.
Description:	Attacks of *attack-type* occurred *attack-times(N)* times in the last *seconds(X)* seconds. The device dropped the attacking packets and logged the source IP address *source-ip* of the packets.
Solution:	N/A

ID:	0x460c5409
Type:	Security
Severity:	Warnings
Message:	*attack-type*: ALARM! Source IP *source-ip.* Occurred *attack-times(N)* times in the last *seconds(X)* seconds.
Description:	Attacks of *attack-type* occurred *attack-times(N)* times in the last *seconds(X)* seconds. The device issued an alarm and logged the source IP address *source-ip* of the attacking packets.
Solution:	N/A

ID:	0x460c540a
Type:	Security
Severity:	Warnings
Message:	*attack-type*:DROP! *zone-name*::*interface-name source-ip*-> *destination-ip*:*port-number*.
Description:	The interface *interface-name* in the security zone *zone-name* detected attacks of *attack-type*. The device dropped the attacking packets and logged the source IP address *source-ip*, destination IP address *destination-ip* and port number *port-number* of the packet.
Solution:	N/A

ID:	0x460c540b
Type:	Security
Severity:	Warnings
Message:	*attack-type*: ALARM! *zone-name*::*interface-name source-ip*-> *destination-ip*:*port-number*.
Description:	The interface *interface-name* in the security zone *zone-name* detected attacks of *attack-type*. The device issued an alarm and logged the source IP address *source-ip*, destination IP address *destination-ip* and port number *port-number* of the packet.
Solution:	N/A

ID:	0x460c540c
Type:	Security
Severity:	Warnings
Message:	*attack-type*: DROP! *zone-name*::*interface-name source-ip*-> *destination-ip*:*port-number.* Occurred *attack-times(N)* times in the last *seconds(X)* seconds.
Description:	The interface *interface-name* in the security zone *zone-name* detected attacks of *attack-type attack-times(N)* times in the last *seconds(X)* seconds. The device dropped the packets and logged the source IP address *source-ip*, destination IP address *destination-ip* and port number *port-number* of the attacking packets.
Solution:	N/A

ID:	0x460c540d
Type:	Security
Severity:	Warnings
Message:	*attack-type*: ALARM! *zone-name*::*interface-name source-ip*-> *destination-ip*:*port-number.* Occurred *attack-times(N)* times in the last *seconds(X)* seconds.
Description:	The interface *interface-name* in the security zone *zone-name* detected attacks of *attack-type attack-times(N)* times in the last *seconds(X)* seconds. The device issued an alarm and logged the source IP address *source-ip*, destination IP address *destination-ip* and port number *port-number* of the attacking packets.
Solution:	N/A

ID:	0x460c540e
Type:	Security
Severity:	Warnings
Message:	*attack-type*:DROP! Destination IP *destination-ip*:*port-number*. Occurred *attack-times*（*N*） times in the last *seconds(X)* seconds.
Description:	The interface *interface-name* in the security zone *zone-name* detected attacks of *attack-type attack-times(N)* times in the last *seconds(X)* seconds. The device dropped the packets and logged the destination IP address *destination-ip* and port number *port-number* of the attacking packets.
Solution:	N/A

ID:	0x460c540f
Type:	Security
Severity:	Warnings
Message:	*attack-type*: ALARM! Destination IP *destination-ip*:*port-number*. Occurred *attack-times*（*N*） times in the last *seconds(X)* seconds.
Description:	The interface interface-name in the security zone *zone-name* detected attacks of *attack-type attack-times(N)* times in the last *seconds(X)* seconds. The device issued an alarm and logged the destination IP address *destination-ip* and port number *port-number* of the attacking packets.
Solution:	N/A

ID:	0x460c0410
Type:	Security
Severity:	Warnings
Message:	Failed to allocate memory for *error string*, the configuration can not take effect.
Description:	Failed to allocate memory for *error string*. The configuration cannot take effect.
Solution:	N/A

ID:	0x460c9412
Type:	Threat
Severity:	Warnings
Message:	From *source-ip*：*source-port(src-interface-name)* to *destination-ip*：*destination-port(dst-interface-name),* threat name*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender* severity*: severity,* zone *zone-name: alarm*.
Description:	The system detects a threat, f*rom source-ip*：*source-port(src-interface-name)* to *destination-ip*：*destination-port(dst-interface-name),* threat name*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender* severity*: severity,* zone *zone-name: alarm*.
Solution:	N/A

ID:	0x460c9413
Type:	Threat
Severity:	Warnings
Message:	F*rom source-ip*：*source-port(src-interface-name)* to *destination-ip*：*destination-port(dst-interface-name),* threat name*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender* severity*: severity,* zone *zone-name: alarm*，occurred *attack-times*（*N*）times in the last *(X)* seconds.
Description:	The system detects a threat,f*rom source-ip*：*source-port(src-interface-name)* to *destination-ip*：*destination-port(dst-interface-name),* threat name*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender* severity*: severity,* zone *zone-name: alarm*，occurred *attack-times*（*N*）times in the last *(X)* seconds.
Solution:	N/A

ARP

ID:	0x46345201
Type:	Security
Severity:	Critical
Message:	ARP spoof attack:alarm! MAC address *MAC-address* has *X* IP address on interface *interface-name*.
Description:	MAC address *MAC-address* mapped to *X* IP addresses on interface *interface-name*. The device detected an ARP attack and issued an alarm.
Solution:	Check for ARP spoofing attacks in your network.

ID:	0x46345202
Type:	Security
Severity:	Critical
Message:	ARP spoof attack:alarm! MAC address *MAC-address1* and *MAC-address2* has same IP address *IP-address* on interface *interface-name*.
Description:	MAC addresses *MAC MAC-address1* and *MAC-address2* mapped to the same IP address *IP-address* on interface *interface-name*. The device detected an ARP attack and issued an alarm.
Solution:	Check for ARP spoofing attacks in your network.

ID:	0x46345203
Type:	Security
Severity:	Critical
Message:	ARP spoof attack:alarm! *IP-address*/*MAC-address* has spoofing MAC *MAC-address*, drop the {IP | ARP} packet from interface *interface-name*.
Description:	*IP-address*/*MAC-address* has a spoofing MAC address *MAC-address*. The device detected an ARP spoofing attack, issued an alarm, and dropped the IP/ARP packets from interface *interface-name*.
Solution:	Check for ARP spoofing attacks in your network.

ID:	0x46345204
Type:	Security
Severity:	Critical
Message:	ARP spoof attack:alarm! *IP-address*/ *MAC-address* is not in the IP/MAC table, {forward | drop} the {IP | ARP} packet from interface *interface-name*.
Description:	*IP-address*/*MAC-address* is not in the static IP/MAC table. The device detected an ARP spoofing attack, issued an alarm, and dropped/forwarded the IP/ARP packets from interface *interface-name*.
Solution:	Check if the IP/MAC entry in the log is legal. If legal, configure it as a static ARP entry; if illegal, it is possibly

an ARP spoofing attack.

ID:	0x46345205
Type:	Security
Severity:	Critical
Message:	ARP spoof attack:alarm! *IP-address*/ *MAC-address* should not be from zone *zone-name*, drop the packet from interface *interface-name*.
Description:	*IP-address*/*MAC-address* should not belong to zone *zone-name.* The device detected an ARP spoofing attack, issued an alarm, and dropped/forwarded the IP/ARP packets from interface *interface-name*.
Solution:	Check if the IP/MAC entry in the log is correct. If correct, configure it as a static ARP entry; if incorrect, it is possibly an ARP spoofing attack.

ID:	0x46345206
Type:	Security
Severity:	Critical
Message:	ARP spoof attack:drop! MAC address *MAC-address* has *X* IP address on interface *interface-name*.
Description:	On the interface *interface-name*, one MAC address *MAC-address* has *X* IP addresses. The device detected an ARP spoofing attack, issued an alarm, and dropped the packets from the interface *interface-name*.
Solution:	Check for ARP spoofing attacks in your network.

ID:	0x46345207
Type:	Security
Severity:	Critical
Message:	ARP spoof attack:drop! MAC address *MAC-address1* and *MAC-address2* has same IP address *IP-address* on interface *interface-name*.
Description:	On the interface *interface-name*, two MAC addresses (*MAC-address1* and *MAC-address2*) have the same IP address *IP-address*. The device detected an ARP spoofing attack, issued an alarm, and dropped the packets from the interface *interface-name*.
Solution:	Check for ARP spoofing attacks in your network.

ID:	0x43240501
Type:	Event
Severity:	Notifications
Message:	{ARP | Static ARP} entry is created, *IP-address*, *MAC-address*, *VR-name*.
Description:	An ARP or static ARP entry was created in the system.
Solution:	N/A

ID:	0x43240502
Type:	Event
Severity:	Notifications
Message:	{ARP | Static ARP} entry is deleted, *IP-address*, *MAC-address*, *VR-name*.
Description:	An ARP or static ARP entry was deleted from the system.
Solution:	N/A

ID:	0x43240203
Type:	Security
Severity:	Critical
Message:	IP address *IP-address* on MAC-address conflicts with the interface *interface-name*.
Description:	IP address *IP-address* on interface *MAC-address* conflicts with other device's IP address.
Solution:	Check your network and troubleshoot the IP conflict.

ID:	0x43240204
Type:	Security
Severity:	Critical
Message:	IP address *IP-address* on *MAC-address* from *interface-name* conflicts with NAT pool address.
Description:	The IP address *IP-address* that maps to MAC address *MAC-address* conflicts with an IP address in the NAT pool.
Solution:	Check the configuration of NAT pool and delete the conflicted address, or forbid to use the conflicted address.

ID:	0x43340201
Type:	Event
Severity:	Critical
Message:	Switch loop maybe exist on interface *interface-name* port *port-name*.
Description:	Switch loop may exist on interface *interface-name.*
Solution:	Check for switch loop in your network.

ID:	0x43240306
Type:	Event
Severity:	Errors
Message:	ARP table is full and no ARP entry available for *IP-address* from VR: *VR-name*.
Description:	ARP table is full. You cannot create new ARP entry for IP address *IP-address* that belongs to VR *VR-name*.
Solution:	Too many hosts in the network. Delete some hosts, or migrate to a device that supports more ARP entries.

ID:	0x43240507
Type:	Event
Severity:	Notifications
Message:	ARP entry *IP-address MAC-address* is deleted for timeout.
Description:	ARP entry *IP-address/MAC-address* was deleted from ARP table due to timeout.
Solution:	N/A

ID:	0x43240508
Type:	Event
Severity:	Notifications
Message:	Gratuitous ARP is received, interface: *interface-name* update entry *IP-address*: from *MAC-address1* to *MAC-address2*.
Description:	After receiving gratuitous ARP packets from interface *interface-name*, the device updated the MAC address of IP address *IP-address* from *MAC-address1* to *MAC-address2*.
Solution:	N/A

NDP

ID:	0x46505201
Type:	Security
Severity:	Critical
Message:	ND spoof attack:alarm! MAC address *MAC-address* has *X* IP address on interface *interface-name*.
Description:	On the interface *interface-name*, one MAC address *MAC-address* has *X* IP-addresses. The device detected an NDP spoofing attack and issued an alarm.
Solution:	Check for NDP spoofing attacks in your network.

ID:	0x46505202
Type:	Security
Severity:	Critical
Message:	ND spoof attack:alarm! MAC address *MAC-address1* and *MAC-address2* has same IP address *IP-address* on interface *interface-name*.
Description:	On the interface *interface-name*, two MAC addresses (*MAC-address1* and *MAC-address2*) have the same IP address *IP-address*. The device detected an NDP spoofing attack and issued an alarm.
Solution:	Check for NDP spoofing attacks in your network.

ID:	0x46505203
Type:	Security
Severity:	Critical
Message:	ND spoof attack:alarm! *IP-address*/*MAC-address* has spoofing MAC *MAC-address*, drop the packet from interface *interface-name*.
Description:	*IP-address*/*MAC-address* has a spoofing MAC address *MAC-address*. The device detected an NDP spoofing attack, issued an alarm, and dropped the packets from interface *interface-name*.
Solution:	Check for NDP spoofing attacks in your network.

ID:	0x46505204
Type:	Security
Severity:	Critical
Message:	ND spoof attack:alarm! *IP-address*/ *MAC-address* is not in the static IP/MAC table, {forward | drop} the packet from interface *interface-name*.
Description:	*IP-address*/*MAC-address* is not in the static IP/MAC table. The device detected an NDP spoofing attack, issued an alarm, and dropped/forwarded the packets from interface *interface-name*.
Solution:	Check whether the IP/MAC entry in the log is legal or not. If it is legal, configure it as a static NDP entry; if is is

	illegal, it is possibly an NDP spoofing attack.
ID:	0x46505205
Type:	Security
Severity:	Critical
Message:	ND spoof attack:alarm! *IP-address*/ *MAC-address* should not be from zone *zone-name*, drop the packet from interface *interface-name*.
Description:	*IP-address*/*MAC-address* should not belong to zone *zone-name.* The device detected an NDP spoofing attack, issued an alarm, and dropped the NDP packets from interface *interface-name*.
Solution:	Check if the IP/MAC entry in the log is correct. If correct, configure it as a static NDP entry; if incorrect, it is possibly an NDP spoofing attack.
ID:	0x46505206
Type:	Security
Severity:	Critical
Message:	ND spoof attack:alarm! Didn't receive reply for *IP-address.*
Description:	The device did not receive the response from the IP address *IP-address. It detected an NDP spoofing attack and issued an alarm.*
Solution:	Check for NDP spoofing attacks in your network.
ID:	0x46505207
Type:	Security
Severity:	Critical
Message:	ND attack: Alarm! ND packet *IP-address* exceed ND inspection rate limit of interface *interface-name*.
Description:	The device detected on the interface *interface-name* that the NDP packets from the IP address *IP-address* exceeded the configured NDP packet rate limit. It detected an NDP spoofing attack and issued an alarm.
Solution:	Check for NDP spoofing attacks in your network.
ID:	0x43480501
Type:	Event
Severity:	Notifications
Message:	ND {ND | Static ND} entry is created, *IPv6-address*, *MAC-address*, *VR-name, interface-name*.
Description:	Successfully created a ND or static ND entry in the system.
Solution:	N/A
ID:	0x43480502

Type:	Event
Severity:	Notifications
Message:	ND {ND | Static ND} entry is deleted, *IPv6-address*, *MAC-address*, *VR-name.*
Description:	Successfully deleted a ND or static ND entry in the system.
Solution:	N/A

ID:	0x43480306
Type:	Event
Severity:	Errors
Message:	ND table is full and no ND entry available for *ipv6-address* from VR: *VR-name*.
Description:	The ND table is full. No available ND entries.
Solution:	N/A

BFD

ID:	0x436c0201
Type:	Event
Severity:	Critical
Message:	BFD session state changed from *old-state* to *new-state*,local IP: *local-IP*,neighbor Ip: *neighbor-IP*.
Description:	The BFD session status changed. This log specifies the new status, the previous status, the local IP address *IP-address,* and the neighbor IP address *neighbor IP-address*. The status of BFD session includes Init, link up and link down.
Solution:	Record the changes of the BFD session status.

ID:	0x436c0202
Type:	Event
Severity:	Critical
Message:	WARNING! The maximum number of BFD session (*value*) has been reached.
Description:	Warning! BFD sessions of this device reached the maximum number that is permitted.
Solution:	N/A

Application Security

ID:	0x46145401
Type:	Security
Severity:	Warnings
Message:	drop app: *app-type times* times in 30 sec.The last drop: *type drop-times interface-name source-ip1. source-ip2. source-ip3. source-ip4 -> destination-ip1. destination-ip2. destination-ip3. destination-ip4* prot:*protocol*.
Description:	Blocked applications of *app-type times* times in 30 seconds, and logged the source address (*source-ip1, source-ip2, source-ip3, source-ip4*), destination address (*destination-ip1, destination-ip2, destination-ip3, destination-ip4*) and protocol (*protocol*) of the application.
Solution:	N/A

ID:	0x46145402
Type:	Security
Severity:	Warnings
Message:	tag app: *app-type times* times in 30 sec.The last tag: *type drop-times interface-name source-ip1. source-ip2. source-ip3. source-ip4 -> destination-ip1. destination-ip2. destination-ip3. destination-ip4* prot:*protocol.*
Description:	Identified applications of *app-type times* times in 30 seconds, and logged the source address (*source-ip1, source-ip2, source-ip3, source-ip4*), destination address (*destination-ip1, destination-ip2, destination-ip3, destination-ip4*) and protocol (*protocol*) of the application.
Solution:	N/A

ID:	0x46145403
Type:	Security
Severity:	Warnings
Message:	*file-name*!*error-string*.
Description:	File *file-name error-string* error.
Solution:	Check related configurations.

ID:	0x44185501
Type:	Security
Severity:	Notifications
Message:	IM control: *IM-type* is blocked, srcip: *source-ip*, dstip: *destination-ip*, src port: *source-port*, *destination-port*, protocol: *protocol*, interface: *interface-name.*
Description:	Blocked IM applications, and logged the source/destination address (*source-ip*, *destination-ip*), source/destination port (*source-port*, *destination-port*), protocol type (*protocol*) and source interface (*interface-*

	name) of the IM applications.
Solution:	N/A

ID:	0x44385501
Type:	Security
Severity:	Notifications
Message:	HTTP control: block, srcip: *source-ip0*. *source-ip1*. *source-ip2*. *source-ip3*, dstip: *destination-ip0*. *destination-ip1*. *destination-ip2*. *destination-ip3*, src port: *source-port*, dst port: *destination-port*, protocol: *protocol*, interface: *interface-name.*
Description:	Blocked HTTP applications, and logged the source/destination address (*source-ip*, *destination-ip*), source/destination port (*source-port*, *destination-port*), protocol type (*protocol*) and source interface (*interface-name*) of the HTTP applications.
Solution:	N/A

ID:	0x44385505
Type:	Security
Severity:	Notifications
Message:	URL Filtering: *source-ip0*. *source-ip1*. *source-ip2*. *source-ip3*:*source-port -> destination-ip0*. *destination-ip1*. *destination-ip2*. *destination-ip3: destination-port* (*protocol)*, vr *vr-name*, interface *interface-name*, user *user-name@AAA-server-name*, host *host-name*, URL: *URL*, *reason*.
Description:	Filtered URLs, and logged the source/destination address (*source-ip*, *destination-ip*), source/destination port (*source-port, destination-port*), protocol type (*protocol*), VRouter (*vr-name*), source interface (*interface-name*), user (*user-name@AAA-server-name*), host (*host-name*), URL (*URL*) and reason (*reason*).
Solution:	N/A

ID:	0x44385506
Type:	Security
Severity:	Notifications
Message:	HTTP control: block, srcip: *source-ip*, dstip: *destination-ip*, src port: *source-port*, dst port: *destination-port*, protocol: *protocol*, interface: *interface-name.*
Description:	Blocked HTTP applications, and logged the source/destination address (*source-ip*, *destination-ip*), source/destination port (*source-port*, *destination-port*), protocol type (*protocol*) and source interface (*interface-name*) of the HTTP applications.
Solution:	N/A

ID:	0x44383607

Type:	Traffic
Severity:	Informational
Message:	Web surfing record: srcip: *source-ip*, dstip: *destination-ip*, src port: *source-port*, dst port: *destination-port*, protocol: *protocol*, interface: *interface-name*, user: *user-name*, URL: *URL*.
Description:	Controlled Web content, and logged the source/destination address (*source-ip*, *destination-ip*), source/destination port (*source-port*, *destination-port*), protocol type (*protocol*), source interface (*interface-name*), user (*user-name*) and URL (*URL*) of web surfing.
Solution:	N/A

ID:	0x44383611
Type:	Traffic
Severity:	Informational
Message:	WEB: IP *IP-address*, user *user-name*, vrouter *vr-router*, url *url*, url-category *category*, method *method*, action *action*, reason *reason*.
Description:	Parameters in this log are described as follows: ♦ IP *IP-address*: The source IP address of network traffic. ♦ user *user-name*: The user who generates the network traffic. ♦ vrouter *vr-router*: The VRouter of network traffic. ♦ url *url*: The visited URL address. ♦ url-category *category*: The URL category of the address. ♦ method *method*: The method of requesting an HTTP application, including Connect, Delete, GET, Head, Options, PUT and Trace, etc. ♦ action *action*: The action for the network traffic, including permit and block. ♦ reason *reason*: The reason for the action (permit or block).
Solution:	N/A

ID:	0x44383612
Type:	Traffic
Severity:	Informational
Message:	WEB: IP *IP-address*, user *user-name*, vrouter *vr-router*, url *url*, keyword-category *category*, method *method*, action *action*, reason *reason*.
Description:	Parameters in this log are described as follows:

- IP *IP-address* -> *dst-IP*: The source IP address and destination IP address of network traffic.
- user *user-name*: The user who generates the network traffic.
- vrouter *vr-router*: The VRouter of network traffic.
- url *url*: The visited URL address.
- keyword-category *category*: The category of the keywords that are contained in the visited URL address.
- method *method*: The method of requesting an HTTP application, including Connect, Delete, GET, Head, Options, PUT, Trace, etc.
- action *action*: The action for the network traffic, including permit and block.
- reason *reason*: The reason for the action (permit or block).

Solution: N/A

ID: 0x44383613

Type: Traffic

Severity: Informational

Message: WEB: IP *src-IP-address: src-port (src-nat-address: src-nat-port) -> dst-IP-address: dst-port (dst-nat-address: dst-nat-port)*, user *user-name*, vrouter *vr-router*, url *url*, url-category *category*, method *method*, action *action*, reason *reason*.

Description: Parameters in this log are described as follows:

- IP *src-IP-address* -> *dst-IP-address*: The source IP address and destination IP address of network traffic.
- user *user-name*: The user who generates the network traffic.
- vrouter *vr-router*: The VRouter of network traffic.
- url *url*: The visited URL address.
- url-category *category*: The URL category of the address.
- method *method*: The method of requesting an HTTP application, including Connect, Delete, GET, Head, Options, PUT, Trace, etc.
- action *action*: The action for the network traffic, including permit and block.
- reason *reason*: The reason for the action (permit or

block).

Solution: N/A

ID: 0x44383614

Type: Traffic

Severity: Informational

Message: WEB: srcip *source-ip*, srcport *source-port*, dstip *destination-ip*, dstport *destination-port*, URL: *URL*, response status *status*.

Description: Logged the source/destination address (*source-ip*, *destination-ip*), source/destination port (*source-port*, *destination-port*), URL (*URL*) and response status (status) of web surfing.

Solution: N/A

ID: 0x4438360c

Type: Traffic

Severity: Informational

Message: WEB: IP *src-IP-address -> dst-IP-address*, user *user-name*, vrouter *vr-router*, url *url*, url-category *category*, method *method*, action *action*, reason *reason*.

Description: Parameters in this log are described as follows:

- IP *src-IP-address -> dst-IP-address*: The source IP address and destination IP address of network traffic.
- user *user-name*: The user who generates the network traffic.
- vrouter *vr-router*: The VRouter of network traffic.
- url *url*: The visited URL address.
- url-category *category*: The URL category of the address.
- method *method*: The method of requesting an HTTP application, including Connect, Delete, GET, Head, Options, PUT, Trace, etc.
- action *action*: The action for the network traffic, including permit and block.
- reason *reason*: The reason for the action (permit or block).

Solution: N/A

ID: 0x4438360b

Type: Traffic

Severity: Informational

Message: WEB: IP src-*IP-address -> dst-IP-address*, user *user-name*,

vrouter *vr-router*, keyword-category *category*, method *method*, action *action*, reason *reason*.

Description: Parameters in this log are described as follows:

- IP *src-IP-address -> dst-IP-address*: The source IP address and destination IP address of network traffic.
- user *user-name*: The user who generates the network traffic.
- vrouter *vr-router*: The VRouter of network traffic.
- url *url*: The visited URL address.
- keyword-category *category*: The category of the keywords that are contained in the visited URL address.
- method *method*: The method of requesting an HTTP application, including Connect, Delete, GET, Head, Options, PUT, Trace, etc.
- action *action*: The action for the network traffic, including permit and block.
- reason *reason*: The reason for the action (permit or block).

Solution: N/A

ID: 0x4438e60e

Type: Data Security

Severity: Informational

Message: Web surfing: IP *src-IP-address: src-port (src-nat-address: src-nat-port) -> dst-IP-address: dst-port (dst-nat-address: dst-nat-port)*, user *user-name*, vrouter *vr-router*, content *content*.

Description: Parameters in this log are described as follows:

- IP *src-IP-address -> dst-IP-address*: The source IP address and desatination IP address of network traffic.
- user *user-name*: The user who generates the network traffic.
- vrouter *vr-router*: The VRouter of network traffic.
- content *content*: The content of network traffic.

Solution: N/A

ID: 0x4438e60f

Type: Data security

Severity: Informational

Message: Web surfing: IP *src-IP-address: src-port (src-nat-address: src-nat-port) -> dst-IP-address: dst-port (dst -nat-address:*

	dst-nat-port), user *user-name*, vrouter *vr-router*, url *url*, category *category*, method *method*, action *action*, reason *reason*, AAA server *AAA-server-name*, MAC address *MAC-address*.
Description:	Parameters in this log are described as follows: ♦ IP *src-IP-address -> dst-IP-address*: The source IP address and destination IP address of network traffic. ♦ user *user-name*: The user who generates the network traffic. ♦ vrouter *vr-router*: The VRouter of network traffic. ♦ url *url*: The visited URL address. ♦ category *category*: The category of the keywords that are contained in the visited URL address. ♦ method *method*: The method of requesting an HTTP application, including Connect, Delete, GET, Head, Options, PUT, Trace, etc. ♦ action *action*: The action for the network traffic, including permit and block. ♦ reason *reason*: The reason for the action (permit or block). ♦ AAA server *AAA-server*: The AAA server name of the user who generates the network traffic. ♦ MAC address *MAC-address*: The MAC address of network traffic.
Solution:	N/A

ID:	0x44383610
Type:	Traffic
Severity:	Informational
Message:	Web surfing record: srcip: *source-ip0*. *source-ip1*. *source-ip2*. *source-ip3*, dstip: *destination-ip0*. *destination-ip1*. *destination-ip2*. *destination-ip3*, src port: *source-port*, dst port: *destination-port*, protocol: *protocol*, interface: *interface-name*, user: *user-name*, URL: *URL*.
Description:	Controlled Web content, and logged the source/destination address (*source-ip*, *destination-ip*), source/destination port (*source-port*, *destination-port*), protocol type (*protocol*), source interface (*interface-name*), user (*user-name@AAA-server-name*) and URL (*URL*) of web surfing.
Solution:	N/A

ID:	0x44383604

Type:	Traffic
Severity:	Informational
Message:	Web: *source-ip0*. *source-ip1*. *source-ip2*. *source-ip3*:*source-port* -> *destination-ip0*. *destination-ip1*. *destination-ip2*. *destination-ip3: destination-port*(*protocol)*, vr *vr-name*, interface *interface-name*, user *user-name@AAA-server-name*, host *host-name*, URL: *URL*.
Description:	Controlled Web content, and logged the source/destination address (*source-ip*, *destination-ip*), source/destination port (*source-port, destination-port*), protocol type (*protocol*), VRouter (*vr-name*), source interface (*interface-name*), user (*user-name@AAA-server-name*), host (*host-name*) and URL (*URL*) of Web surfing.
Solution:	N/A

ID:	0x443c0501
Type:	Security
Severity:	Notifications
Message:	Content Filter: srcip: *source-ip0*. *source-ip1*. *source-ip2*. *source-ip3*, dstip: *destination-ip0*. *destination-ip1*. *destination-ip2*. *destination-ip3*, src port: *source-port*, dst port: *destination-port*, protocol: *protocol*, interface: *interface-name*, category *category-name*, action {block | monitor}.
Description:	Filtered Web content, monitored or blocked the matched category (*category-name*), and logged the source/destination address (*source-ip*, *destination-ip*), source/destination port (*source-port*, *destination-port*), protocol type (*protocol*) and source interface (*interface-name*) of the content.
Solution:	N/A

ID:	0x46440401
Type:	Event
Severity:	Warnings
Message:	HOST-BLACKLIST: warning! Add IP:*from-IP*-- *to-IP* into host-blacklist.
Description:	Warning: IP range *from-IP* -- *to-IP* was added to the blacklist.
Solution:	N/A

ID:	0x46440402
Type:	Event
Severity:	Warnings
Message:	HOST-BLACKLIST:warning! Delete IP: *from-IP*-- *to-IP* from host-blacklist.
Description:	Warning: IP range *from-IP* - *to-IP* was deleted from the

	blacklist.
Solution:	N/A

ID:	0x46440403
Type:	Event
Severity:	Warnings
Message:	HOST-BLACKLIST:warning! Delete all IP from host-blacklist.
Description:	Warning: All IPs were deleted from the blacklist.
Solution:	N/A

ID:	0x46440404
Type:	Event
Severity:	Warnings
Message:	HOST-BLACKLIST: warning! Add MAC: *MAC-address* into host-blacklist.
Description:	Warning: MAC address *MAC-address* was added to the blacklist.
Solution:	N/A

ID:	0x46440405
Type:	Event
Severity:	Warnings
Message:	HOST-BLACKLIST: warning! Delete MAC: *MAC-address* from host-blacklist.
Description:	Warning: MAC address *MAC-address* was deleted from the blacklist.
Solution:	N/A

ID:	0x46440406
Type:	Event
Severity:	Warnings
Message:	HOST-BLACKLIST:warning! Delete all MAC from host-blacklist.
Description:	Warnings: All MAC addresses were deleted from the blacklist.
Solution:	N/A

DDNS

ID:	0x43306404
Type:	Network
Severity:	Warnings
Message:	Update successfully from DDNS server *server-name* domain *domain-name* ip *ip-address*.
Description:	DDNS server (*server-name*, *domain-name*, *ip-address*) update succeeded.
Solution:	N/A

ID:	0x43306402
Type:	Network
Severity:	Warnings
Message:	Update failed from DDNS server *server-name.*
Description:	DDNS server (*server-name*) update failed.
Solution:	Check user configurations, such as username and password.

ID:	0x43306403
Type:	Network
Severity:	Warnings
Message:	Failed to send DDNS update to server *server-name.*
Description:	Failed to send DDNS update request to server *server-name.*
Solution:	Check network connection and configuration to assure DNS resolution can be done properly.

DHCP

ID:	0x43186401
Type:	Network
Severity:	Warnings
Message:	There is no address resource on interface *interface-name*.
Description:	The address resources in the address pool configured for interface *interface-name* were exhausted. There is no available IP.
Solution:	Expand the address pool.

ID:	0x43186602
Type:	Network
Severity:	Informational
Message:	Interface *interface-name* received a {discover | offer | request | ack | nack | release | information} packet.
Description:	Interface *interface-name* received a {discover | offer | request | ack | nack | release | information} DHCP packet.
Solution:	N/A

ID:	0x43186403
Type:	Network
Severity:	Warnings
Message:	Interface *interface-name* processed a {discover | offer | request | ack | nack | release | information} packet.
Description:	Interface *interface-name* succeeded in processing a {discover | offer | request | ack | nack | release | information} packet.
Solution:	N/A

ID:	0x43186604
Type:	Network
Severity:	Informational
Message:	Interface *interface-name* sent a {discover | offer | request | ack | nack | release | information} packet successfully.
Description:	Interface *interface-name* succeeded in sending a {discover | offer | request | ack | nack | release | information} packet.
Solution:	N/A

ID:	0x43186405
Type:	Network
Severity:	Warnings

Message:	Interface *interface-name* failed to send a {discover | offer | request | ack | nack | release | information} packet.
Description:	Interface *interface-name* failed to send a {discover | offer | request | ack | nack | release | information} packet.
Solution:	Check your network.

ID:	0x43186606
Type:	Network
Severity:	Informational
Message:	Assign address *IP-address* to client *ID.*
Description:	Assigned an IP address *IP address* to the client.
Solution:	N/A

ID:	0x43186607
Type:	Network
Severity:	Informational
Message:	Configuration command *command* was executed sucessfully.
Description:	Succeeded in executing configuration command *command.*
Solution:	N/A

ID:	0x43186409
Type:	Network
Severity:	Warnings
Message:	There is no address resource in pool *pool-name*.
Description:	There is no address resource in pool *pool-name*.
Solution:	Enlarge the address pool.

ID:	0x43380501
Type:	Event
Severity:	Notifications
Message:	DHCP snooping: create entry, *IP-address MAC-address interface-name port-name* lease *lease.*
Description:	After enabling DHCP snooping, the system created an IP-MAC binding, and logged the *IP-address*, *MAC-address*, *interface-name*, *port-name* and *lease*.
Solution:	N/A

ID:	0x43380502
Type:	Event
Severity:	Notifications
Message:	DHCP snooping: create entry, *IP-address MAC-address*

	VLAN *ID port-name* lease *lease*.
Description:	After enabling DHCP snooping, the system created an IP-MAC binding, and logged the *IP-address*, *MAC-address*, VLAN *ID*, *port-name* and *lease*.
Solution:	N/A

ID:	0x43380503
Type:	Event
Severity:	Notifications
Message:	DHCP snooping: delete entry, *IP-address MAC-address interface-name port-name.*
Description:	An IP-MAC binding, and the *IP-address*, *MAC-address*, *interface-name* and *port-name* of the binding entry were deleted.
Solution:	N/A

ID:	0x43380504
Type:	Event
Severity:	Notifications
Message:	DHCP snooping: delete entry, *IP-address MAC-address* VLAN *ID port-name.*
Description:	An IP-MAC binding, and the *IP-address*, *MAC-address*, VLAN *ID* and *port-name* of the binding entry were deleted.
Solution:	N/A

ID:	0x43380405
Type:	Event
Severity:	Warnings
Message:	DHCP snooping: drop the *{DHCP-deny-request* | *DHCP-deny-response}* packet from port *port-name* for rate limit.
Description:	DHCP packet rate limit exceeded the threshold. The system dropped the *{DHCP-deny-request* | *DHCP-deny-response}* packets from port *port-name*.
Solution:	N/A

ID:	0x43380406
Type:	Event
Severity:	Warnings
Message:	DHCP snooping: drop the *{DHCP-deny-request* | *DHCP-deny-response}* packet from port *port-name* for validity-check.
Description:	The *{DHCP-deny-request* | *DHCP-deny-response}* packets from port *port-name* failed to pass validity check. The system dropped the packets.
Solution:	N/A

ID:	0x43380307
Type:	Event
Severity:	Error
Message:	DHCP snooping: table is full.
Description:	The DHCP snooping table is full.
Solution:	N/A

DNS

ID:	0x431c0201
Type:	Event
Severity:	Critical
Message:	DNS server is not configured.
Description:	DNS server is not configured.
Solution:	N/A

ID:	0x431c0502
Type:	Event
Severity:	Notifications
Message:	An DNS server *server-IP* is added.
Description:	A DNS server with IP address *server-IP* was added to the system.
Solution:	N/A

ID:	0x431c0503
Type:	Event
Severity:	Notifications
Message:	An DNS server *server-IP* is deleted.
Description:	A DNS server with IP address *server-IP* was deleted from the system.
Solution:	N/A

ID:	0x431c0510
Type:	Event
Severity:	Notifications
Message:	*IPv4 or IPv6* DNS cache table has been cleared.
Description:	*IPv4 or IPv6* DNS cache table has been cleared.
Solution:	N/A

ID:	0x431c0511
Type:	Event
Severity:	Notifications
Message:	*IPv4 or IPv6* DNS cache entry *cache-name* has been cleared.
Description:	*IPv4 or IPv6* DNS cache entry *cache-name* has been cleared.
Solution:	N/A

ID:	0x431c0506
Type:	Event
Severity:	Notifications

Message:	DNS proxy has been enabled on *interface-name* interface.
Description:	DNS proxy has been enabled on interface *interface-name*.
Solution:	N/A

ID:	0x431c0507
Type:	Event
Severity:	Notifications
Message:	DNS proxy has been disabled on *interface-name* interface.
Description:	DNS proxy has been disabled on interface *interface-name*.
Solution:	N/A

ID:	0x431c0508
Type:	Event
Severity:	Notifications
Message:	DNS Proxy server select table entries exceeded max limit.
Description:	Entries in the DNS Proxy server list exceeded the maximum limit.
Solution:	N/A

ID:	0x431c0509
Type:	Event
Severity:	Notifications
Message:	Proxy server select table added with domain *domain-name*, primary-ip *IP-address*, secondary-ip *IP-address.*
Description:	An entry with domain name *domain-name*, primary IP *IP-address* and secondary IP *IP-address* was added to the DNS Proxy server list.
Solution:	N/A

ID:	0x431c050a
Type:	Event
Severity:	Notifications
Message:	Proxy server select table deleted with domain *domain-name*, primary-ip *IP-address*, secondary-ip *IP-address.*
Description:	An entry with domain name *domain-name*, primary IP *IP-address* and secondary IP *IP-address* was deleted from the DNS Proxy server list.
Solution:	N/A

ID:	0x431c060b
Type:	Event

Severity:	Informational
Message:	DNS entries have been refreshed.
Description:	DNS entries have been refreshed.
Solution:	N/A

ID:	0x431c060c
Type:	Event
Severity:	Informational
Message:	Domain *domain-name* match the *blacklist*.
Description:	Requested domain *domain-name* matches to an entry in the *blacklist*.
Solution:	N/A

ID:	0x431c060d
Type:	Event
Severity:	Informational
Message:	Domain *domain-name* not match the *whitelist*.
Description:	Requested domain *domain-name* does not match to any entry in the *whitelist*.
Solution:	N/A

ID:	0x431c6612
Type:	Network
Severity:	Informational
Message:	DNS Response: domain *domain-name*, ttl *ttl-value*, IP address *IPv4-address*.
Description:	DNS Response: domain is *domain-name*, ttl is *ttl-value*, IP address is *IPv4-address*.
Solution:	N/A

DOT1X

ID:	0x43440601
Type:	Event
Severity:	Informational
Message:	User(mac = *user-mac*) authentication success, on interface *interface-name.*
Description:	User authentication succeeded.
Solution:	N/A

ID:	0x43440602
Type:	Event
Severity:	Informational
Message:	User(mac = *user-mac*) authentication failed, on interface *interface-name.*
Description:	User authentication failed.
Solution:	N/A

ID:	0x43440603
Type:	Event
Severity:	Informational
Message:	Interface *interface-name* profile changed, old profile: *old-profile-name*, new profile: *new-profile-name*, port state is unauthorized.
Description:	The binding dot1x profile of interface *interface-name* changed.
Solution:	N/A

ID:	0x43440604
Type:	Event
Severity:	Informational
Message:	Interface *interface-name* link down, port state is unauthorized.
Description:	Interface *interface-name* disconnected. The port state changed to unauthorized.
Solution:	N/A

ID:	0x43440605
Type:	Event
Severity:	Informational
Message:	User (mac = *user-mac*) is offline, on interface *interface-name.*
Description:	The user was offline.
Solution:	N/A

ID:	0x43440406
Type:	Event

Severity:	Warnings
Message:	The maximum number of WLAN station has been reached, on interface *interface-name.*
Description:	The maximum number of WLAN station on interface *interface-name* has been reached.
Solution:	N/A

ID:	0x43440607
Type:	Event
Severity:	Informational
Message:	Station *mac* has associated successfully, on interface *interface-name.*
Description:	Station *mac* on interface *interface-name* has associated successfully.
Solution:	N/A

ID:	0x43440609
Type:	Event
Severity:	Informational
Message:	Station *mac* has disassociated, on interface *interface-name.*
Description:	Station *mac* on interface *interface-name* has disassociated.
Solution:	N/A

ID:	0x4344040b
Type:	Event
Severity:	Warnings
Message:	Station *mac* associated failed, on interface *interface-name.*
Description:	Station *mac* on interface *interface-name* associated failed.
Solution:	N/A

ID:	0x4344060c
Type:	Event
Severity:	Informational
Message:	Station *mac* has been authenticated successfully, on interface *interface-name.*
Description:	Station *mac* on interface *interface-name* has been authenticated successfully.
Solution:	N/A

ID:	0x4344040d
Type:	Event
Severity:	Warnings
Message:	Station *mac* was authenticated failed, on interface *interface-name.*
Description:	Station *mac* on interface *interface-name* was authenticated

failed.

Solution: N/A

HA

ID:	0x46280201
Type:	Event
Severity:	Critical
Message:	The HA configuration is out of synchronization between the local device and the peer device.
Description:	The HA configuration between the local device and peer device was not synchronized.
Solution:	N/A

ID:	0x46280202
Type:	Event
Severity:	Critical
Message:	The local device *device-ID* in the Virtual Security Device group *group-ID* changed state from *old-state* to *new-state*.
Description:	The state of device *device-ID* in HA group *group-ID* changed from *old-state* to *new-state*. The HA states include Standalone, Init, Hello, Master, Backup and Failed.
Solution:	N/A

ID:	0x46280203
Type:	Event
Severity:	Critical
Message:	The HA Link changed from *old link* to *new link*.
Description:	The HA Link changed from *old link* to *new link*.
Solution:	N/A

ID:	0x46280204
Type:	Event
Severity:	Critical
Message:	The HA peer device *device-ID* in the Virtual Security Device group *group-ID* was discovered.
Description:	The HA peer device *device-ID* was discovered in HA group *group-ID.*
Solution:	N/A

ID:	0x46280205
Type:	Event
Severity:	Critical
Message:	The HA peer device *device-ID* in the Virtual Security Device group *group-ID* has left.
Description	The HA peer device *device-ID* has left HA group *group-*

:	*ID.*
Solution:	N/A

ID:	0x4628020f
Type:	Event
Severity:	Critical
Message:	The HA peer device *device-ID* was discovered.
Description:	The HA peer device *device-ID* was discovered.
Solution:	N/A

ID:	0x46280210
Type:	Event
Severity:	Critical
Message:	The HA peer device *device-ID* has left.
Description:	The HA peer device *device-ID* in the HA group has left.
Solution:	N/A

ID:	0x46280206
Type:	Event
Severity:	Critical
Message:	The HA peer device *device-ID* in the Virtual Security Device group *group-ID* changed state from *old-state* to *new-state*.
Description:	The state of HA peer device *device-ID* in the HA group *group-ID* changed from *old-state* to *new-state*. The possible HA states are Standalone, Init, Hello, Master, Backup and Failed.
Solution:	N/A

ID:	0x46280607
Type:	Event
Severity:	Informational
Message:	Device *device-ID* has joined HA cluster *cluster-ID*.
Description:	Device *device-ID* was added to HA cluster *cluster-ID*.
Solution:	N/A

ID:	0x46280608
Type:	Event
Severity:	Informational
Message:	Device *device-ID* has left HA cluster *cluster-ID*.
Description:	Device *device-ID* has left HA cluster *cluster-ID*.
Solution:	N/A

ID:	0x46280609
Type:	Event
Severity:	Informational

Message:	The HA link interface *interface-ID* was added.
Description:	The HA link interface *interface-ID* was added.
Solution:	N/A

ID:	0x4628060a
Type:	Event
Severity:	Informational
Message:	The HA link interface *interface-ID* was removed.
Description:	Interface *interface-ID* of the HA group was removed.
Solution:	N/A

ID:	0x4628060b
Type:	Event
Severity:	Informational
Message:	Virtual Security Device group *group-ID* priority changed from *old-priority* to *new-priority*.
Description:	The priority of HA group *group-ID* changed from *old-priority* to *new-priority*.
Solution:	N/A

ID:	0x4628060c
Type:	Event
Severity:	Informational
Message:	Virtual Security Device group *group-ID* changed to preempt mode.
Description:	The mode of HA device in HA group *group-ID* changed to preempt.
Solution:	N/A

ID:	0x4628060d
Type:	Event
Severity:	Informational
Message:	Virtual Security Device group *group-ID* changed to non-preempt mode.
Description:	The mode of HA device in HA group *group-ID* changed to non-preempt.
Solution:	N/A

ID:	0x4628060e
Type:	Event
Severity:	Informational
Message:	The heartbeat in the Virtual Security Device group *group-ID* changed from *old-value* to *new-value*.
Description:	The heartbeat of HA device in HA group *group-ID*

	changed from *old-value* to *new-value*.
Solution:	N/A

ID:	0x42280501
Type:	Event
Severity:	Notifications
Message:	start configuration out-of-sync checking.
Description:	Configuration synchronization check started.
Solution:	N/A

ID:	0x42280502
Type:	Event
Severity:	Notifications
Message:	configuration out-of-sync checking is finished.
Description:	Configuration synchronization check finished.
Solution:	N/A

ID:	0x42280503
Type:	Event
Severity:	Notifications
Message:	start configuration sync.
Description:	Configuration synchronization between the master device and backup device started.
Solution:	N/A

ID:	0x42280504
Type:	Event
Severity:	Notifications
Message:	configuration sync is finished.
Description:	Configuration synchronization between the master device and backup device finished.
Solution:	N/A

ID:	0x42280305
Type:	Event
Severity:	Errors
Message:	configuration sync failed due to *reason*, please *operation*.
Description:	Configuration synchronization between the master device and backup device failed due to *reason*. Please take *operation*.
Solution:	See the description.

ID:	0x42280506
Type:	Event

Severity:	Notifications
Message:	configuration sync succeeded.
Description:	Configuration synchronization between the master device and backup device succeeded.
Solution:	N/A

ID:	0x431c0413
Type:	Event
Severity:	Warnings
Message:	Proxy server *IP-address* state *state1* changes to *state2*.
Description:	The state of proxy server *IP-address* is changed from *state1* to *state2*.
Solution:	N/A

ID:	0x46b00401
Type:	Event
Severity:	Warnings
Message:	DNS Proxy Rule id *ID*: status of name server (ip *IP-address*, vrouter *vr-name*) changes from *state1* to *state2*.
Description:	DNS Proxy Rule id *ID*: The state of name server (ip *IP-address*, vrouter *vr-name*) changes from *state1* to *state2*.
Solution:	N/A

DP-agent

ID:	0x46600201
Type:	Event
Severity:	Critical
Message:	Dispatch configuration failed in mode：*failed-place*.
Description:	Failed to dispatch the configurations in the *failed-place* mode.
Solution:	N/A

ID:	0x46600202
Type:	Event
Severity:	Critical
Message:	Dispatch configuration failed, message type: message-type.
Description:	Failed to dispatch the configurations. The message type is *message-type*.
Solution:	N/A

DOT1X

ID:	0x43440601
Type:	Event
Severity:	Informational
Message:	User(mac = *user-mac*) authentication success, on interface *interface-name.*
Description:	Successfully authenticated the user.
Solution:	N/A

ID:	0x43440602
Type:	Event
Severity:	Informational
Message:	User(mac = *user-mac*) authentication failed, on interface *interface-name.*
Description:	Failed to authenticate the user.
Solution:	N/A

ID:	0x43440603
Type:	Event
Severity:	Informational
Message:	Interface *interface-name* profile changed, old profile: *old-profile-name*, new profile: *new-profile-name*, port state is unauthorized.
Description:	The dot1x profile bound on the interface was changed.
Solution:	N/A

ID:	0x43440604
Type:	Event
Severity:	Informational
Message:	Interface *interface-name* link down, port state is unauthorized.
Description:	The connection to the port was disconnected. The port status was unauthorized.
Solution:	N/A

ID:	0x43440605
Type:	Event
Severity:	Informational
Message:	User (mac = *user-mac*) is offline, on interface *interface-name.*
Description:	The user was offline.
Solution:	N/A

HA

ID:	0x46280201
Type:	Event
Severity:	Critical
Message:	The HA configuration is out of synchronization between the local device and the peer device.
Description:	The HA configuration between the local device and peer device was not synchronized.
Solution:	N/A

ID:	0x46280202
Type:	Event
Severity:	Critical
Message:	The local device *device-ID* in the Virtual Security Device group *group-ID* changed state from *old-state* to *new-state*.
Description:	The state of device *device-ID* in HA group *group-ID* changed from *old-state* to *new-state*. The HA states include Standalone, Init, Hello, Master, Backup and Failed.
Solution:	N/A

ID:	0x46280203
Type:	Event
Severity:	Critical
Message:	The HA Link changed from *old link* to *new link*.
Description:	The HA Link changed from *old link* to *new link*.
Solution:	N/A

ID:	0x46280204
Type:	Event
Severity:	Critical
Message:	The HA peer device *device-ID* in the Virtual Security Device group *group-ID* was discovered.
Description:	The HA peer device *device-ID* was discovered in HA group *group-ID.*
Solution:	N/A

ID:	0x46280205
Type:	Event
Severity:	Critical
Message:	The HA peer device *device-ID* in the Virtual Security Device group *group-ID* has left.
Description:	The HA peer device *device-ID* left HA group *group-ID.*
Solution:	N/A

ID:	0x4628020f
Type:	Event
Severity:	Critical
Message:	The HA peer device *device-ID* was discovered.
Description:	The HA peer device *device-ID* was discovered.
Solution:	N/A

ID:	0x46280210
Type:	Event
Severity:	Critical
Message:	The HA peer device *device-ID* has left.
Description:	The HA peer device *device-ID* in the HA group has left.
Solution:	N/A

ID:	0x46280206
Type:	Event
Severity:	Critical
Message:	The HA peer device *device-ID* in the Virtual Security Device group *group-ID* changed state from *old-state* to *new-state*.
Description:	The state of HA peer device *device-ID* in the HA group *group-ID* changed from *old-state* to *new-state*. The possible HA states are Standalone, Init, Hello, Master, Backup and Failed.
Solution:	N/A

ID:	0x46280607
Type:	Event
Severity:	Informational
Message:	Device *device-ID* has joined HA cluster *cluster-ID*.
Description:	Device *device-ID* was added to HA cluster *cluster-ID*.
Solution:	N/A

ID:	0x46280608
Type:	Event
Severity:	Informational
Message:	Device *device-ID* has left HA cluster *cluster-ID*.
Description:	Device *device-ID* has left HA cluster *cluster-ID*.
Solution:	N/A

ID:	0x46280609
Type:	Event
Severity:	Informational
Message:	The HA link interface *interface-ID* was added.
Description:	The HA link interface *interface-ID* was added.

Solution:	N/A

ID:	0x4628060a
Type:	Event
Severity:	Informational
Message:	The HA link interface *interface-ID* was removed.
Description:	Interface *interface-ID* of the HA group was removed.
Solution:	N/A

ID:	0x4628060b
Type:	Event
Severity:	Informational
Message:	Virtual Security Device group *group-ID* priority changed from *old-priority* to *new-priority*.
Description:	The priority of HA group *group-ID* changed from *old-priority* to *new-priority*.
Solution:	N/A

ID:	0x4628060c
Type:	Event
Severity:	Informational
Message:	Virtual Security Device group *group-ID* changed to preempt mode.
Description:	The mode of HA device in HA group *group-ID* changed to preempt.
Solution:	N/A

ID:	0x4628060d
Type:	Event
Severity:	Informational
Message:	Virtual Security Device group *group-ID* changed to non-preempt mode.
Description:	The mode of HA device in HA group *group-ID* changed to non-preempt.
Solution:	N/A

ID:	0x4628060e
Type:	Event
Severity:	Informational
Message:	The heartbeat in the Virtual Security Device group *group-ID* changed from *old-value* to *new-value*.
Description:	The heartbeat of HA device in HA group *group-ID* changed from *old-value* to *new-value*.
Solution:	N/A

ID:	0x46280111
Type:	Event
Severity:	Alerts
Message:	HA node has the same value *node-value* as its peer device.
Description:	The HA node has the same value *node-value* as its peer device.
Solution:	N/A

ID:	0x46280212
Type:	Event
Severity:	Critical
Message:	The licenses of the two HA devices are different in *license-name*.
Description:	The licenses of the two HA devices are different.
Solution:	N/A

ID:	0x46280113
Type:	Event
Severity:	Alerts
Message:	The hello interval of peer device *peer-interval* is not the same as local *local-interval*.
Description:	The hello interval of peer device *peer-interval* is not the same as local *local-interval*.
Solution:	N/A

ID:	0x46280214
Type:	Event
Severity:	Critical
Message:	All devices in HA group *group-ID* are running in fault, please check the network connection and hardware state immediately.
Description:	All devices in HA group *group-ID* are running in fault, please check the network connection and hardware state immediately.
Solution:	N/A

ID:	0x46280215
Type:	Event
Severity:	Critical
Message:	The two HA devices have the same link IP address *IP-address*, please correct it.
Description:	The two HA devices have the same link IP address *IP-addres*.
Solution:	N/A

ID:	0x46280116

Type:	Event
Severity:	Alerts
Message:	The work mode of HA peer device(*peer-work mode*) is inconsistent with local(*local-work mode*).
Description:	The work mode of HA peer device(*peer-work mode*) is different with local(*local-work mode*).
Solution:	N/A

ID:	0x422c0501
Type:	Event
Severity:	Notifications
Message:	start configuration out-of-sync checking.
Description:	Configuration synchronization check started.
Solution:	N/A

ID:	0x422c0502
Type:	Event
Severity:	Notifications
Message:	configuration out-of-sync checking is finished.
Description:	Configuration synchronization check finished.
Solution:	N/A

ID:	0x422c0503
Type:	Event
Severity:	Notifications
Message:	start configuration sync.
Description:	Configuration synchronization between the master device and backup device started.
Solution:	N/A

ID:	0x422c0504
Type:	Event
Severity:	Notifications
Message:	configuration sync is finished.
Description:	Configuration synchronization between the master device and backup device finished.
Solution:	N/A

ID:	0x422c0305
Type:	Event
Severity:	Errors
Message:	configuration sync failed due to *reason*, please *operation*.
Description:	Configuration synchronization between the master device and backup device failed due to *reason*. Please take *operation*.

Solution:	See the description.

ID:	0x422c0506
Type:	Event
Severity:	Notifications
Message:	configuration sync succeeded.
Description:	Configuration synchronization between the master device and backup device succeeded.
Solution:	N/A

ID:	0x41340201
Type:	Event
Severity:	Critical
Message:	Batch synchronization of HA group *group_id* is beginning.
Description:	The HA group (*group_id*) began the batch synchronization.
Solution:	N/A

ID:	0x41340202
Type:	Event
Severity:	Critical
Message:	Batch synchronization of HA group *group_id* has completed.
Description:	The HA group (*group_id*) completed the batch synchronization.
Solution:	N/A

ID:	0x41340203
Type:	Event
Severity:	Critical
Message:	Batch synchronization of SSM module (slot *number*) is beginning.
Description:	The SSM module (slot *number*) began the batch synchronization.
Solution:	N/A

ID:	0x41340204
Type:	Event
Severity:	Critical
Message:	Batch synchronization of SSM module (slot *number*) has completed.
Description:	The SSM module (slot *number*) completed the batch synchronization.
Solution:	N/A

ID:	0x41340206
Type:	Event

Severity:	Critical
Message:	Failed to set bypass mode, slot *number*, interface *interface-ID*.
Description:	The bypass mode is set failed on interface of slot (slot *number*).
Solution:	N/A

ID:	0x41340405
Type:	Event
Severity:	Warnings
Message:	HA group *group_id* 's monitor track *track-name* has global attribute, it's recommended to use the track object with local attribute.
Description:	The HA group (*group_id)* 's monitor track *track-name* has global attribute, it's recommended to use the track object with local attribute.
Solution:	N/A

ID:	0x46280217
Type:	Event
Severity:	Critical
Message:	The analysis plane of HA node node-ID changed state from *old_state* to *new_state*.
Description:	The analysis plane of HA node *node-ID* changed state from *old_state* to *new_state*.
Solution:	N/A

ID:	0x46280618
Type:	Event
Severity:	Informational
Message:	The analysis plane of HA node *node-ID* changed priority from *old_priority* to *new_priority*.
Description:	The analysis plane of HA node *node-ID* changed priority from *old_priority* to *new_priority*.
Solution:	N/A

ID:	0x46280619
Type:	Event
Severity:	Informational
Message:	HA node *node-ID* state changed to admin master.
Description:	HA node *node-ID* state is changed to admin master.
Solution:	N/A

ID:	0x4628061a
Type:	Event
Severity:	Informational

Message:	The HA of node *node-ID* has been disabled.
Description:	Disable HA node *node-ID*.
Solution:	N/A

ID:	0x4628061b
Type:	Event
Severity:	Informational
Message:	Peer control plane of HA node *node-ID* left.
Description:	Peer control plane of HA node *node-ID* left.
Solution:	N/A

ID:	0x4628061c
Type:	Event
Severity:	Informational
Message:	Peer control plane of HA node *node-ID* add.
Description:	Add the peer control plane of HA node *node-ID*.
Solution:	N/A

ID:	0x4628061d
Type:	Event
Severity:	Informational
Message:	HA node *node-ID* state changed to none admin master.
Description:	The state of HA node *node-ID* changed to none admin master.
Solution:	N/A

ID:	0x4628011e
Type:	Event
Severity:	Alerts
Message:	HA node *node-ID* failed to sync info to *destination*.
Description:	HA node *node-ID* failed to synchronize information to *destination*.
Solution:	N/A

ID:	0x4628011f
Type:	Event
Severity:	Alerts
Message:	HA node *node-ID* switched over the active node of analysis plane.
Description:	HA node *node-ID* switched over the states of analysis plane actively.
Solution:	N/A

ID:	0x46280220
Type:	Event
Severity:	Critical
Message:	The sending of HA heartbeat packet is abnormally.
Description:	The sending of HA heartbeat packets is abnormal.
Solution:	N/A

ID:	0x46280221
Type:	Event
Severity:	Critical
Message:	The sending of HA heartbeat packet recover to normally.
Description:	The sending of HA heartbeat packets is back to normal.
Solution:	N/A

ID:	0x46280222
Type:	Event
Severity:	Critical
Message:	HA group *group-id* change realtime priority from *old_priority* to *new_ priority.*
Description:	The HA group *group-id* change realtime priority from *old_priority* to *new_ priority*.
Solution:	N/A

ID:	0x46280223
Type:	Event
Severity:	Critical
Message:	HA configuration batch synchronization failed.
Description:	The HA configuration batch synchronization failed.
Solution:	N/A

ID:	0x46280224
Type:	Event
Severity:	Critical
Message:	HA configuration batch synchronization succeeded.
Description:	The HA configuration batch synchronization succeeded.
Solution:	N/A

ID:	0x41900201
Type:	Event
Severity:	Critical
Message:	Twin-mode node *node-ID* changed state from *old status* to *new status.*
Description:	The Twin-mode HA node *node-ID* changed state from *old status* to *new status*.

Solution:	N/A

ID:	0x41900202
Type:	Event
Severity:	Critical
Message:	Twin-mode peer node *node-ID* was discovered.
Description:	The Twin-mode peer node *node-ID* was discovered.
Solution:	N/A

ID:	0x41900203
Type:	Event
Severity:	Critical
Message:	Twin-mode peer node *node-ID* was left.
Description:	The Twin-mode peer node *node-ID* was left.
Solution:	N/A

ID:	0x41900204
Type:	Event
Severity:	Critical
Message:	Twin-mode batch synchronization is beginning.
Description:	The Twin-mode batch synchronization is beginning.
Solution:	N/A

ID:	0x41900205
Type:	Event
Severity:	Critical
Message:	Twin-mode batch synchronization has completed.
Description:	The Twin-mode batch synchronization has completed.
Solution:	N/A

ID:	0x41900206
Type:	Event
Severity:	Critical
Message:	Twin-mode batch synchronization of SSM module (slot *slot-number*) is beginning.
Description:	The Twin-mode batch synchronization of SSM module (slot *slot-number*) is beginning.
Solution:	N/A

ID:	0x41900207
Type:	Event
Severity:	Critical
Message:	Twin-mode batch synchronization of SSM module (slot *slot-number*) has completed.

Description:	The Twin-mode batch synchronization of SSM module (slot *slot-number*) has completed.
Solution:	N/A

ID:	0x41900208
Type:	Event
Severity:	Critical
Message:	The licenses of the two twin-mode node are different in *license-name*.
Description:	The licenses of the two twin-mode node are different.
Solution:	N/A

ID:	0x41900109
Type:	Event
Severity:	Alerts
Message:	The hello interval of twin-mode peer *peer-hello-interval* is not the same as local *local-hello-interval*.
Description:	The hello interval of twin-mode peer *peer-hello-interval* is not the same as local *local-hello-interval*.
Solution:	N/A

ID:	0x4190010a
Type:	Event
Severity:	Alerts
Message:	Twin-mode node has the same value *node-ID* as peer.
Description:	Twin-mode node has the same value *node-ID* as peer.
Solution:	N/A

ID:	0x4190020b
Type:	Event
Severity:	Critical
Message:	Twin-mode batch synchronization is aborted.
Description:	Twin-mode batch synchronization is aborted.
Solution:	N/A

ID:	0x4190010c
Type:	Event
Severity:	Alerts
Message:	The mode of twin-mode peer *peer-mode-name* is not the same as local *local-mode-name.*
Description:	The mode of twin-mode peer is not the same as local.
Solution:	N/A

ID:	0x4190010d

Type:	Event
Severity:	Alerts
Message:	The configuration synchronization mode of twin-mode peer *peer-sync-mode* is not the same as local *local-sync-mode.*
Description:	The configuration synchronization mode of twin-mode peer is not the same as local.
Solution:	N/A

Interface

ID:	0x441c0201
Type:	Event
Severity:	Critical
Message:	Interface module memory allocation failed when *allocate-position*.
Description:	Memory allocation failed at *allocate-position* of the interface module.
Solution:	N/A

ID:	0x441c0602
Type:	Event
Severity:	Informational
Message:	data plane received message *command*.
Description:	Data plane received command *command*.
Solution:	N/A

ID:	0x441c0207
Type:	Event
Severity:	Critical
Message:	The *pointer-name* pointer is NULL at the location of dataplane *position*.
Description:	Pointer *pointer-name* at data plane *position* is NULL.
Solution:	N/A

ID:	0x441c0604
Type:	Event
Severity:	Informational
Message:	Data plane message *message* succeeded.
Description:	Succeeded in processing data plane message *message*.
Solution:	N/A

ID:	0x441c0205
Type:	Event
Severity:	Critical
Message:	Data plane message *message* failed.
Description:	Failed to process data plane message *message*.
Solution:	N/A

ID:	0x441c0206
Type:	Event
Severity:	Critical
Message:	Data plane interface *interface-name* driver failed at

	position.
Description:	Interface *interface-name* driver at data plane *position* failed.
Solution:	N/A

ID:	0x441c0208
Type:	Event
Severity:	Critical
Message:	The communication quality of twin-mode link's member interface *interface-name* is poor.
Description:	The communication quality of twin-mode link's member interface *interface-name* is low.
Solution:	N/A

ID:	0x441c0209
Type:	Event
Severity:	Critical
Message:	The communication quality of HA link's member interface *interface-name* is poor.
Description:	The communication quality of HA link's member interface *interface-name* is low.
Solution:	N/A

ID:	0x4304022b
Type:	Event
Severity:	Critical
Message:	IPC message to dplane failed when configuring interface *interface-name command*.
Description:	Communications between data planes failed when configuring interface *interface-name* by command *command*.
Solution:	N/A

ID:	0x43040202
Type:	Event
Severity:	Critical
Message:	IPC message to routed failed when configuring interface *interface-name command*.
Description:	Communications between routing modules failed when configuring interface *interface-name* by command *command*.
Solution:	N/A

ID:	0x43040203
Type:	Event
Severity:	Critical

Message:	interface module memory allocation failed when *position*.
Description:	Memory allocation failed at *position* of interface module.
Solution:	N/A

ID:	0x43040604
Type:	Event
Severity:	Informational
Message:	configuration command *command* was executed successfully.
Description:	Succeeded in executing configuration command *command.*
Solution:	N/A

ID:	0x43040305
Type:	Event
Severity:	Errors
Message:	Failed to execute configuration command *command*.
Description:	Failed to execute configuration command *command*.
Solution:	N/A

ID:	0x43040306
Type:	Event
Severity:	Errors
Message:	interface *interface-name* {add | leave} from interface failed because of *reason*.
Description:	Failed to add/delete interface *interface-name* due to *reason*.
Solution:	N/A

ID:	0x43040407
Type:	Event
Severity:	Critical/Warnings
Message:	interface *interface-name* turn to {admin down | admin up | physical down | physical up | protocol down | protocol up | link down | link up}
Description:	The status of interface *interface-name* changed. The possible statuses are: physical up, physical down, protocol up, protocol down, admin up, admin down, link up and link down. For physical interfaces, the severity of the log is critical; for logical interfaces, the severity of the log is warnings.
Solution:	N/A

ID:	0x43040208
Type:	Event
Severity:	Critical
Message:	kernel interface *interface-name* performing *operation* failed because of *reason*.

Description:	Failed to perform *operation* on kernel interface *interface-name* due to *reason*.
Solution:	N/A

ID:	0x43040609
Type:	Event
Severity:	Informational
Message:	configuration command *command*.
Description:	Configuration command *command*.
Solution:	N/A

ID:	0x4304060a
Type:	Event
Severity:	Informational
Message:	detected NULL *NULL-pointer-name* pointer at the location of *position*.
Description:	NULL pointer *NULL-pointer-name* at *position*.
Solution:	N/A

ID:	0x4304060b
Type:	Event
Severity:	Informational
Message:	NETD configuration command *command*.
Description:	NETD configuration command *command*.
Solution:	N/A

ID:	0x4304020c
Type:	Event
Severity:	Critical
Message:	IPC message to vpn failed when configure interface *interface-name command*.
Description:	Communications between VPN modules failed when configuring interface *interface-name* by command *command*.
Solution:	N/A

ID:	0x4304020d
Type:	Event
Severity:	Critical
Message:	Set hardware interface *interface-name* command *command* parameter *parameter* failed
Description:	Failed to set parameter *parameter* when configuring interface *interface-name* by command *command*.
Solution:	N/A

ID:	0x4304020e
Type:	Event
Severity:	Critical
Message:	Get hardware interface *interface-name* command *command* failed.
Description:	Failed to configure interface *interface-name* by command *command.*
Solution:	N/A

ID:	0x4304040f
Type:	Event
Severity:	Warnings
Message:	interface *interface-name* track become {successful | failed}.
Description:	The status of tracked interface *interface-name* changed. If the link is connected, the status is successful; otherwise, the status is failed.
Solution:	N/A

ID:	0x43040510
Type:	Event
Severity:	Notifications
Message:	interface *interface-name* schedule become {valid | invalid}.
Description:	The schedule status of interface *interface-name* changed. The possible statuses are valid and invalid.
Solution:	N/A

ID:	0x43040311
Type:	Event
Severity:	Errors
Message:	the learning ip address *IP address* is overlapped with local ip address.
Description:	IP address *IP address* learned from the interface conflicts with a local IP address.
Solution:	Check your network for IP address conflict.

ID:	0x43040212
Type:	Event
Severity:	Critical
Message:	IPC message to DNSD failed when configure interface *interface-name command*.
Description:	Communications between DNS modules failed when configuring interface *interface-name* by command *command*.
Solution:	N/A

ID:	0x43040213

Type:	Event
Severity:	Critical
Message:	IPC message to DHCPD failed when configure interface *interface-name command*.
Description:	Communications between DHCP modules failed when configuring interface *interface-name* by command *command*.
Solution:	N/A

ID:	0x43040214
Type:	Event
Severity:	Critical
Message:	IPC message to PPPoED failed when configure interface *interface-name command*.
Description:	Communications between PPPoE modules failed when configuring interface *interface-name* by command *command*.
Solution:	N/A

ID:	0x43040215
Type:	Event
Severity:	Critical
Message:	interface *interface-name* turn to *stage*.
Description:	The status of interface *interface-name* changed to *stage*.
Solution:	N/A

ID:	0x4304042f
Type:	Event
Severity:	Warnings
Message:	interface *interface-name*'s manage ip address should same subnet as ip address.
Description:	The subnet of interface *interface-name*'s management IP address should be the same as the subnet of local IP address.
Solution:	N/A

ID:	0x43040430
Type:	Event
Severity:	Warnings
Message:	interface *interface-name* 's ip address is the same as manage ip address.
Description:	Interface *interface-name* 's management IP address is the same as the subnet of the IP address.
Solution:	N/A

ID:	0x43040618

Type:	Event
Severity:	Informational
Message:	stp status turn to *command*.
Description:	The status of stp changed to *command*.
Solution:	N/A

ID:	0x43040631
Type:	Event
Severity:	Informational
Message:	adding static fdb entry failed due to the hardware multi hash collision.
Description:	Failed to add static FDB entry due to hardware multi hash collision.
Solution:	N/A

ID:	0x43040232
Type:	Event
Severity:	Critical
Message:	IPC message to mrouted failed when configuring interface *interface-name*' *command*.
Description:	Communications between multicast modules failed when configuring interface *interface-name* by command *command*.
Solution:	N/A

ID:	0x43040433
Type:	Event
Severity:	Warnings
Message:	interface *interface-name*'s ip address is the same as its vsi interface ip or manage ip address.
Description:	Interface *interface-name*'s IP address is the same as its VSI interface’s IP address or other management IP address.
Solution:	N/A

ID:	0x41180501
Type:	Event
Severity:	Notifications
Message:	External bypass device is {absent | present}.
Description:	The status of external bypass device is {absent | present}.
Solution:	N/A

ID:	0x41180502
Type:	Event
Severity:	Notifications
Message:	External bypass device enters into {normal | bypass} mode.

Description:	External bypass device enters {normal | bypass} mode.
Solution:	N/A

ID:	0x41180b03
Type:	Event
Severity:	Errors
Message:	Set external bypass device as {normal | bypass} mode error.
Description:	Error occurred when setting the external bypass device to {normal | bypass} mode.
Solution:	N/A

ID:	0x43040434
Type:	Event
Severity:	Warnings
Message:	track:*track_name* ip/host:*host_name* out_if:*out_interface* src_if: *src_interface* item failed.
Description:	In track object *track_name*, the egress interface of the packet is *out_interface,* and the source interface is src_interface. Track on host *IP address/host name* failed.
Solution:	N/A

ID:	0x43040435
Type:	Event
Severity:	Warnings
Message:	track:*track_name* outgoing interface:*out_interface* traffic-condition item failed.
Description:	In track object *track_name*, traffic-condition item of the egress interface *out_interface* failed.
Solution:	N/A

ID:	0x4304041d
Type:	Event
Severity:	Warnings
Message:	track:*track_name* interface:*interface-name* item failed.
Description:	In track object *track_name*, track on interface *interface-name* failed.
Solution:	N/A

ID:	0x4304041e
Type:	Event
Severity:	Warnings
Message:	Interface *interface-name* ipv6 address *ipv6-address* turn to duplicate.
Description:	The interface IPv6 address status was changed to DUPLICATE.

Solution:	N/A

ID:	0x4304021f
Type:	Event
Severity:	Critical
Message:	Add ipv6 route to system failed,memory is not enough.
Description:	Failed to add IPv6 route in the system due to the lack of the memory.
Solution:	N/A

ID:	0x43040c20
Type:	Event
Severity:	Warnings
Message:	Loopback BIST of interface *interface-name* timed out for *timeout-num* times.
Description:	On the interface *interface-name*, the lookback built-in self test had timeout for *time-out* times.
Solution:	N/A

ID:	0x43040a21
Type:	Event
Severity:	Critical
Message:	Loopback BIST of interface *interface-name* failed. System will reboot!
Description:	On the interface *interface-name*, failed to perform the lookback built-in self test. The system rebooted.
Solution:	N/A

ID:	0x43500501
Type:	Event
Severity:	Notifications
Message:	{Enable | Disable} lacp protocol on interface *aggregate-name*.
Description:	{Enable | Disable} LACP protocol on aggregation group aggregate-name.
Solution:	N/A

ID:	0x43500502
Type:	Event
Severity:	Notifications
Message:	Create aggregation group *aggregate-name*.
Description:	Aggregation group *aggregate-name* was created.
Solution:	N/A

ID:	0x43500503

Type:	Event
Severity:	Notifications
Message:	Destory aggregation group *aggregate-name*.
Description:	Aggregation group *aggregate-name* was destroyed.
Solution:	N/A

ID:	0x43500504
Type:	Event
Severity:	Notifications
Message:	Set parameters of aggregation group *aggregate-name*.
Description:	Set parameters for aggregation group *aggregate-name*.
Solution:	N/A

ID:	0x43500505
Type:	Event
Severity:	Notifications
Message:	Add port *interface-name* to aggregation group *aggregate-name*.
Description:	Interface *interface-name* was added to aggregation group *aggregate-name*.
Solution:	N/A

ID:	0x43500506
Type:	Event
Severity:	Notifications
Message:	Set parameters of port *interface-name*.
Description:	Set parameters for interface *interface-name*.
Solution:	N/A

ID:	0x43500507
Type:	Event
Severity:	Notifications
Message:	Delete port *interface-name* from aggregation group *aggregate-name*.
Description:	Interface *interface-name* was deleted from aggregation group *aggregate-name*.
Solution:	N/A

ID:	0x43500508
Type:	Event
Severity:	Notifications
Message:	Set port *interface-name* active in aggregation group *aggregate-name*.
Description:	The status of interface *interface-name* in aggregation group *aggregate-name* changed to active.

Solution:	N/A

ID:	0x43500509
Type:	Event
Severity:	Notifications
Message:	Set port *interface-name* inactive in aggregation group *aggregate-name*.
Description:	The status of interface *interface-name* in aggregation group *aggregate-name* changed to inactive.
Solution:	N/A

ID:	0x4350050a
Type:	Event
Severity:	Notifications
Message:	Interface *interface-name* receive msg *subtype* from net daemon.
Description:	Interface *interface-name* received message of *subtype* type from net daemon.
Solution:	N/A

ID:	0x43040422
Type:	Event
Severity:	Warnings
Message:	track: *A.B.C.D/hostname* ip/host: *port-number* port *interface-name* out_if: *interface-name* src_if: *item-name* item long-delay
Description:	The delay of item *item-name* in the track is too long. The IP address/hostname of the track is *A.B.C.D/hostname*, port number is *port-number*, source interface is *interface-name*.
Solution:	N/A

ID:	0x43040423
Type:	Event
Severity:	Warnings
Message:	track: *interface-name* interface: *itme-name* item overload
Description:	Item *itme-name* on interface *interface-name* is overload.
Solution:	N/A

ID:	0x43040424
Type:	Event
Severity:	Warnings
Message:	pbr *vrouter-name* matched *ID* nexthop *nexthop* track become {successful | failed}
Description:	The track status of the next hop *nexthop* was changed. This next hop was the one of the rule *ID* of the tracked policy-based route *vrouter-name*.

Solution:	N/A

ID:	0x43040225
Type:	Event
Severity:	Critical
Message:	interface *interface-name* track become {successful | failed}.
Description:	The track status of the tracked interface *interface-name* was changed. If the interface link was connected, the track status was successful; if the interface link was disconnected, the track status was failed.
Solution:	N/A

ID:	0x43040226
Type:	Event
Severity:	Critical
Message:	track:*track_name* ip/host:*host_name* out_if:*out_interface* src_if: *src_interface* item failed.
Description:	In the track object *track_name*, the system detected that the egress interface of the packets was *out_interface* and the source interface was the *src_interface*. Failed to track the destination host (*host_name*).
Solution:	N/A

ID:	0x43040227
Type:	Event
Severity:	Critical
Message:	track:*track_name* interface:*interface-name* item failed.
Description:	In the track object *track_name*, failed to track the interface *interface-name*.
Solution:	N/A

ID:	0x43040228
Type:	Event
Severity:	Critical
Message:	track: *A.B.C.D/hostname* ip/host: *port-number* port *interface-name*
Description:	In the track object, the track item *item-name* delayed for a long time. The information of the track object is shown as below: IP address or the host name: *A.B.C.D/hostname*, port number*: port-number*, egress interface: *interface name*, source interface: *interface-name*.
Solution:	N/A

ID:	0x43040229
Type:	Event
Severity:	Critical

Message:	track: *interface-name* interface: *itme-name* item overload
Description:	On the interface *interface-name*, the track item *item-name* was overloaded.
Solution:	N/A

ID:	0x4304042a
Type:	Event
Severity:	Warnings
Message:	WAN interface *IP-address* is changed to *ip-address*.
Description:	The IP address of the WAN interface was changed to *IP-address*.
Solution:	N/A

ID:	0x4304040f
Type:	Event
Severity:	Warnings
Message:	interface *interface-name* track become *status*.
Description:	Track status of interface *interface-name* became *status*.
Solution:	N/A

License

ID:	0x42200401
Type:	Event
Severity:	Warnings
Message:	check license *license-name*, *result*.
Description:	Checked license *license-name* and logged the *result*. The checked items include legality, version, installation status, applicable platform and expiry.
Solution:	N/A

ID:	0x42200302
Type:	Event
Severity:	Errors
Message:	No platform license found, configuration not permitted.
Description:	No platform license was found. The administrator was not permitted to configure the device.
Solution:	Apply for a platform license.

ID:	0x42200303
Type:	Event
Severity:	Errors
Message:	Trial platform license expired, configuration not permitted.
Description:	Trial platform license expired. Configurations are not permitted on the device unless you have applied for and installed a formal platform license.
Solution:	Apply for a formal platform license.

ID:	0x42200304
Type:	Event
Severity:	Errors
Message:	Trial platform license expires in *X days*.
Description:	Trial platform license expires in *X days*.
Solution:	Apply for a formal platform license.

ID:	0x42200605
Type:	Event
Severity:	Informational
Message:	install license from CLI.
Description:	The administrator installed a license from CLI.
Solution:	N/A

ID:	0x42200606
Type:	Event

Severity:	Informational
Message:	Installing license from USB.
Description:	The administrator installed a license from USB.
Solution:	N/A

ID:	0x4220040b
Type:	Event
Severity:	Warnings
Message:	Uninstalling license *license-name* successfully.
Description:	Successfully uninstalled the license *license-name*.
Solution:	N/A

ID:	0x4220030c
Type:	Event
Severity:	Errors
Message:	Failed to uninstall license *license-name*.
Description:	Failed to uninstall the license *license-name*.
Solution:	N/A

ID:	0x4220030e
Type:	Event
Severity:	Errors
Message:	Trial feature license expired.
Description:	The function license expired.
Solution:	N/A

ID:	0x4220040f
Type:	Event
Severity:	Warnings
Message:	*license-name* license expires in *X* days.
Description:	The license *license-name* will expire in *X* days.
Solution:	N/A

ID:	0x42200110
Type:	Event
Severity:	Alerts
Message:	The *license-name* will be expired at *X* days, and the function will not be available then.Please purchase the formal license or apply for the trial license and install.
Description:	The trial license will expire in *X* days. The corresponding functions cannot function when the trial license expired. Apply for a formal license or a trial license again.
Solution:	N/A

ID:	0x42200411
Type:	Event
Severity:	Warnings
Message:	license *license-name* installation succeeded.
Description:	Successfully installed the license *licens-name*.
Solution:	N/A

ID:	0x42200412
Type:	Event
Severity:	Informational
Message:	license *license-name* signature succeeded.
Description:	The license *license-name* signature was valid.
Solution:	N/A

ID:	0x42200313
Type:	Event
Severity:	Errors
Message:	license *license-name* signature is invalid.
Description:	The license *license-name* signature is invalid.
Solution:	Assure the legality of the license.

ID:	0x42200314
Type:	Event
Severity:	Errors
Message:	license *license-name* installation failed.
Description:	Failed to install the license *license-name*.
Solution:	Migrate to the software version that supports the license.

ID:	0x42200315
Type:	Event
Severity:	Errors
Message:	license *license-name* installation failed due to the platform type error.
Description:	Failed to install the license *license-name* due to platform type error.
Solution:	N/A

ID:	0x42200116
Type:	Event
Severity:	Alerts
Message:	The *license-name* has expired at *date*, and the function cannot work anymore. Please purchase the formal license or apply for the trial license and install.
Description:	The trial license *license-name* has expired at *date*. The corresponding function cannot work anymore. Purchase a

	formal license or apply for a trial license again.
Solution:	N/A

ID:	0x42200417
Type:	Event
Severity:	Alerts
Message:	*license-name* license will be expired in *X* days.
Description:	License *license-name* will be expired in *X* days.
Solution:	N/A

ID:	0x42200418
Type:	Event
Severity:	Information
Message:	Connecting with license server successfully, the sequence number is *sequence-number* the rand number is *rand-number*.
Description:	Successfully connected with the license server. The sequence number is *sequence-number* the rand number is *rand-number*.
Solution:	N/A

ID:	0x42200219
Type:	Event
Severity:	Critical
Message:	Failed to connect with license server.
Description:	Failed to connect with license server.
Solution:	N/A

ID:	0x4220021a
Type:	Event
Severity:	Critical
Message:	Failed to connect with license server for a long time and the system will reboot in a short time.
Description:	Failed to connect with license server for a long time and the system will reboot in a short time.
Solution:	N/A

ID:	0x4220061b
Type:	Event
Severity:	Information
Message:	The system received an instruction of reboot from license server.
Description:	The system received an instruction of reboot from license server.
Solution:	N/A

ID:	0x4220061c
Type:	Event
Severity:	Information
Message:	The system received an instruction of deleting license from license server.
Description:	The system received an instruction of deleting license from license server.
Solution:	N/A

ID:	0x4220061d
Type:	Event
Severity:	Information
Message:	Connect with public license server successfully.
Description:	Connect with public license server successfully.
Solution:	N/A

ID:	0x4220021e
Type:	Event
Severity:	Critical
Message:	Failed to connect with public license server because *reason.*
Description:	Failed to connect with public license server due to *reason*.
Solution:	N/A

NAT

ID:	0x46080201
Type:	Event
Severity:	Warnings
Message:	SNAT rule ID *ID* resource exhausted (proto=*IP-protocol-number*).
Description:	SNAT rule ID *ID* resource exhausted. Logged the SNAT protocol number (*IP-protocol-number*).
Solution:	Expand the address pool referenced by SNAT rules, or restrict the session number for the source address.

ID:	0x4608361f
Type:	Traffic
Severity:	Informational
Message:	SNAT: source IP *original-source-IP*, destination IP *original-destination-IP*, sourcc port *original-source-port*, destination port *original-destination-port*, protocol id {TCP | UDP}, VR *VR-name*, type *type*, trans IP *translated-source-IP*, trans port *translated-source-port*, rule id *ID*.
Description:	SNAT rule *ID* translated a {TCP | UDP} packet. Logged the original source IP, source port, destination IP, destination port, VRouter, type, and the translated source IP, source port.
Solution:	N/A

ID:	0x46083620
Type:	Traffic
Severity:	Informational
Message:	DNAT: source ip *original-source-IP*, destination ip *original-destination-IP*, source port *original-source-port*, destination port *original-destination-port*, protocol id {TCP | UDP}, VR *VR-name*, type *type*, trans IP *translated-destination-IP*, trans port *translated-destination-port*, rule id *ID*.
Description:	DNAT rule *ID* translated a {TCP | UDP} packet. Logged the original source IP, source port, destination IP, destination port, VRouter, type, and the translated destination IP, destination port.
Solution:	N/A

ID:	0x46080404
Type:	Event
Severity:	Warnings
Message:	DNAT server TCP: *server-ip*: *server-port* in *VR-name* ha group: *group-ID* status changed, old status: *status*, new status: *status*.

Description:	In *VR-name*, the status of TCP port *server-port* of DNAT server *server-ip* in HA group *group-ID* changed from *old status* to *new status*.
Solution:	N/A

ID:	0x46080405
Type:	Event
Severity:	Warnings
Message:	DNAT server ICMP: *server-ip* in *VR-name* ha group: *group-ID* status changed, old status: *status*, new status: *status*.
Description:	In *VR-name*, the ICMP status of DNAT server *server-ip* in HA group *group-ID* changed from *old status* to *new status*.
Solution:	N/A

ID:	0x46083621
Type:	Traffic
Severity:	Informational
Message:	SNAT: source IP *original-source-IP*（*AAA-server-name: user-name@host-name*）, destination IP *original-destination-IP*, src port *original-source-port*, destination port *original-destination-port*, protocol id {TCP | UDP}, VR *VR-name*, type *type*, trans IP *translated-source-IP*, trans port *translated-source-port*, rule id *ID*.
Description:	SNAT rule *ID* translated a {TCP | UDP} packet. Logged the original source IP (AAA server name, username, host name), source port, destination IP, destination port, VRouter, type, and the translated source IP, source port.
Solution:	N/A

ID:	0x46083622
Type:	Traffic
Severity:	Informational
Message:	DNAT: source IP *original-source-IP*（*AAA-server-name: user-name@host-name*）, destination IP *original-destination-IP*, src port *original-source-port*, destination port *original-destination-port*, protocol id {TCP | UDP}, VR *VR-name*, type *type*, trans IP *translated-destination-IP*, trans port *translated-destination-port*, rule id *ID*.
Description:	DNAT rule *ID* translated a {TCP | UDP} packet. Logged the original source IP (AAA server name, username, host name), source port, destination IP, destination port, VRouter, type, and the translated destination IP, destination port.
Solution:	N/A

ID:	0x46080409
Type:	Event

Severity:	Warnings
Message:	SNAT rule ID *ID* resource exhausted (protocol=*IP-protocol-number*). Reason: {out of SNAT resource | out of memory}.
Description:	SNAT rule *ID* resource exhausted due to insufficient SNAT resource or memory. Logged the SNAT protocol number (*IP-protocol-number*).
Solution:	For the resource exhaustion due to insufficient SNAT resource, expand the address pool referenced by SNAT rules, or restrict the session number for the source address; for the resource exhaustion due to insufficient memory, reduce the memory used by the system.

ID:	0x46083610
Type:	Traffic
Severity:	Informational
Message:	SNAT: source IP *original-source-IP*（*AAA-server-name: user-name@host-name*）, destination IP *original-destination-IP*, src port *original-source-port*, destination port *original-destination-port*, protocol id {TCP | UDP}, VR *VR-name*, type *type*, trans IP *translated-source-IP*, trans port *translated-source-port*, rule id *ID*.
Description:	(AAA server name, username, host name), source port number, destination IP address, destination port number, VR name and type, the source IP address after translation, and the source port number after translation.
Solution:	N/A

ID:	0x46083611
Type:	Traffic
Severity:	Informational
Message:	DNAT: source IP *original-source-IP*（*AAA-server-name: user-name@host-name*）, destination IP *original-destination-IP*, src port *original-source-port*, destination port *original-destination-port*, protocol id {TCP | UDP}, VR *VR-name*, type *type*, trans IP *translated-destination-IP*, trans port *translated-destination-port*, rule id *ID*.
Description:	(AAA server name, username, host name), source port number, destination IP address, destination port number, VR name and type, the destination IP address after translation, and the destination port number after translation.
Solution:	N/A

ID:	0x46080212
Type:	Event
Severity:	Critical
Message:	SNAT: rule *ID*, address *IP-address*, track failed.
Description:	Track of address *IP-address* in SNAT rule *ID* failed .

Solution:	N/A

ID:	0x46080213
Type:	Event
Severity:	Critical
Message:	SNAT: rule *ID*, address *IP-address*, track succeed.
Description:	Track of address *IP-address* in SNAT rule *ID* failed .
Solution:	N/A

ID:	0x46080214
Type:	Event
Severity:	Critical
Message:	The all address of SNAT rule *ID* were tracked failed.
Description:	Track of all the public addresses in SNAT rule *ID* failed.
Solution:	N/A

ID:	0x46083623
Type:	Traffic
Severity:	Informational
Message:	SNAT: source IP *original-source-IP*（*AAA-server-name: user-name @host-name*）, destination IP *original-destination-IP*, source port *original-source-port*, destination port *original-destination-port*, protocol id {TCP | UDP}, VR *VR-name*, type *type*, trans IP *translated-source-IP*, trans port *translated-source-port*, rule id *ID,*user mac *MAC-address*.
Description:	(AAA server name, username, host name), source port number, destination IP address, destination port number, VR name and type, the source IP address after translation, the source port number and MAC-address after translation.
Solution:	N/A

ID:	0x46083624
Type:	Traffic
Severity:	Informational
Message:	DNAT: source IP *original-source-IP*（*AAA-server-name: user-name@ host-name*）, destination IP *original-destination-IP*, source port *original-source-port*, destination port *original-destination-port*, protocol id {TCP | UDP}, VR *VR-name*, type *type*, trans IP *translated-destination-IP*, trans port *translated-destination-port*, rule id *ID,*user mac *MAC-address*.
Description:	(AAA server name, username, host name), source port number, destination IP address, destination port number, VR name and type, the destination IP address after translation, the destination port number and MAC-address after translation.

Solution:	N/A

ID:	0x46080217
Type:	Event
Severity:	Critical
Message:	The port block of NAT444 rule *rule-id* with protocol *protocol-id* was exhausted for *N* times in the latest *X* seconds.
Description:	In the past period (*X* seconds), the port block of the NAT444 rule *ID* (protocol *protocol-id*) was exhausted *N* times.
Solution:	N/A

ID:	0x46080218
Type:	Event
Severity:	Critical
Message:	The port block of NAT444 rule *rule-id* with translated address *address* and protocol *protocol-id* was exhausted for *N* times in the latest *X* seconds.
Description:	In the past period (*X* seconds), the port block of the NAT444 rule *ID* (protocol *protocol-id*, translated IP addresses *address*) was exhausted *N* times.
Solution:	N/A

ID:	0x46083619
Type:	Traffic
Severity:	Informational
Message:	SNAT: source IP *original-source-IP*（*AAA-server-name: user-name@host-name*）, destination IP *original-destination-IP*, source port *original-source-port*, destination port *original-destination-port*, protocol id {TCP | UDP}, VR *VR-name*, type *type*, translated IP *translated-source-IP*, translated port *translated-source-port*, rule id *ID*.
Description:	(AAA server name, username, host name), source port number, destination IP address, destination port number, VR name and type, the source IP address after translation, and the source port number after translation.
Solution:	N/A

ID:	0x4608361a
Type:	Traffic
Severity:	Informational
Message:	DNAT: source IP *original-source-IP*（*AAA-server-name: user-name@host-name*）, destination IP *original-destination-IP*, source port *original-source-port*, destination port *original-destination-port*, protocol id {TCP | UDP}, VR *VR-name*, type *type*, translated IP *translated-destination-IP*, translated port *translated-*

	destination-port, rule id *ID*.
Description:	(AAA server name, username, host name), source port number, destination IP address, destination port number, VR name and type, the destination IP address after translation, and the destination port number after translation.
Solution:	N/A

ID:	0x4608361b
Type:	Traffic
Severity:	Informational
Message:	SNAT: soure IP *original-source-IP*（*AAA-server-name: user-name host-name*）, destination IP *original-destination-IP*, src port *original-source-port*, destination port *original-destination-port*, protocol id {TCP | UDP}, VR *VR-name*, type *type*, translated IP *translated-source-IP*, translated port *translated-source-port*, rule id *ID*.
Description:	(AAA server name, username, host name), source port number, destination IP address, destination port number, VR name and type, the source IP address after translation, and the source port number after translation.
Solution:	N/A

ID:	0x4608361c
Type:	Traffic
Severity:	Informational
Message:	DNAT: source IP *original-source-IP*（*AAA-server-name: user-name host-name*）, destination IP *original-destination-IP*, source port *original-source-port*, destination port *original-destination-port*, protocol id {TCP | UDP}, VR *VR-name*, type *type*, translated IP *translated-destination-IP*, translated port *translated-destination-port*, rule id *ID*.
Description:	(AAA server name, username, host name), source port number, destination IP address, destination port number, VR name and type, the destination IP address after translation, and the destination port number after translation.
Solution:	N/A

ID:	0x4608021d
Type:	Event
Severity:	Critical
Message:	The port utilization of NAT444 user *user-IP* with translated address *IP-address* and protocol *ID* exceeded the threshold *threshold-value* for *times* times in the latest *X* seconds.
Description:	The port utilization of NAT444 user *user-IP* (translated IP address *IP-address*, protocol number *ID*) exceeded the threshold *threshold-value* for *times* times in the past

	X seconds.
Solution:	N/A

ID:	0x4608021e
Type:	Event
Severity:	Critical
Message:	The port block utilization of NAT444 rule *rule-id* with protocol *ID* exceeded threshold *threshold-value* for *times* times in the latest *X* seconds.
Description:	The port block utilization of NAT444 rule *rule-id* (protocol number *ID*) exceeded the threshold *threshold-value* for *times* times in the past *X* seconds.
Solution:	N/A

ID:	0x465c0501
Type:	Event
Severity:	Notification
Message:	Adjust global resource the first time.
Description:	The SSM (Security Service Module) and SCM (Security Control Module) check the consistency of the SNAT port resource distribution for the first time.
Solution:	N/A

ID:	0x465c0502
Type:	Event
Severity:	Notification
Message:	Adjust global resource the second time.
Description:	The SSM (Security Service Module) and SCM (Security Control Module) check the consistency of the SNAT port resource distribution for the second time.
Solution:	N/A

ID:	0x465c0503
Type:	Event
Severity:	Notification
Message:	Adjust global resource successfully.
Description:	Successfully checked the consistency of the SNAT port resource distribution.
Solution:	N/A

ID:	0x465c0504
Type:	Event
Severity:	Notification
Message:	Failed to adjust global resource, please reboot system.
Description:	Failed to check the consistency of the SNAT port resource distribution. Please reboot the system.

Solution:	N/A

ID:	0x4608362b
Type:	Traffic
Severity:	Informational
Message:	DS LITE session start *protocol original-source-ip original-source-ipv6 translated-source-ip original-source-port translated-source-port destinaiton-ip destinaiton-ip-port.*
Description:	DS LITE session starts. Logged the protocol, original source IPv4 address, original source IPv6 address, translated IPv4 address, original source port, translated port, destination IPv4 address, and destination port.
Solution:	N/A

Load Balancing

ID:	0x467c0601
Type:	Event
Severity:	Information
Message:	Detect *destination-ip*, egress interface *egress-interface*, latency = *latency*ms
Description:	Detect destination ip address via the egress interface *egress-interface.* The latency is *latency*ms.
Solution:	N/A

ID:	0x467c0602
Type:	Event
Severity:	Information
Message:	Detect *destination-ip*, egress interface *egress-interface*, latency<1ms
Description:	Detect destination ip address via the egress interface *egress-interface.* The latency is less than 1ms.
Solution:	N/A

ID:	0x467c0603
Type:	Event
Severity:	Errors
Message:	Detect *destination-ip*, egress interface *egress-interface*, timeout
Description:	Detect destination ip address via the egress interface *egress-interface.* The latency is time out.
Solution:	N/A

ID:	0x46080228
Type:	Event
Severity:	Critical
Message:	The status of DNAT server *server-name* in *VR-name* ha group *group-name* changed from *state1* to *state2.*
Description:	The status of DNAT server *server-name* in *VR-name* ha group *group-name* changed from *status1* to *status2.*
Solution:	N/A

ID:	0x46080229
Type:	Event
Severity:	Critical
Message:	The DNAT server *server-name* was not added because type of rule *rule-id* is different from existed rule.
Description:	The DNAT server *server-name* was not added because type of rule *rule-id* is different from existed rules.

Solution:	N/A

ID:	0x4608022a
Type:	Event
Severity:	Critical
Message:	The DNAT server (*server-name:port*) has reached max reference number, the new rule *rule-id* can not refer it.
Description:	The DNAT server cannot be used by more rules. The new rule *rule-id* cannot use it.
Solution:	N/A

ID:	0x4608022c
Type:	Event
Severity:	Critical
Message:	The rewrite-to address resource of DNS rewrite rule *rule-id* was exhausted.
Description:	The rewrite-to address resource of DNS rewrite rule *rule-id* was exhausted.
Solution:	N/A

ID:	0x46940401
Type:	Event
Severity:	Warnings
Message:	Warning! Interface *interface_name*, the bandiwidth utilization rate *current_rate* has reached the upstream limit *upper_limit*.
Description:	Warning! Interface *interface_name*, the bandiwidth utilization rate *current_rate* has reached the upstream limit *upper_limit*.
Solution:	N/A

ID:	0x46940402
Type:	Event
Severity:	Warnings
Message:	Warning! Interface *interface_name*, the bandiwidth utilization rate *current_rate* has reached the downstream limit *upper_limit*.
Description:	Warning! Interface *interface_name*, the bandiwidth utilization rate *current_rate* has reached the downstream limit *upper_limit*.
Solution:	N/A

ID:	0x46940403
Type:	Event
Severity:	Informational
Message:	LLB rule *rule_name*, id : *rule_id*, interface *interface_name*

	has detected failed.
Description:	Link load balance rule *rule_name*, id : *rule_id*, interface *interface_name* has detected failed.
Solution:	N/A

NTP

ID:	0x43200301
Type:	Event
Severity:	Errors
Message:	Key ID is 0, key entry is ignored.
Description:	When configuring NTP anthentication,if Key ID is 0, key entry is ignored.
Solution:	N/A.

ID:	0x43200302
Type:	Event
Severity:	Errors
Message:	Key id is larger than the maximum *number* reserved for Autokey, key entry *key-id* is ignored.
Description:	When configuring NTP anthentication,if key id is larger than the maximum *number* reserved for Autokey, key entry *key-id* is ignored.
Solution:	N/A.

ID:	0x43200303
Type:	Event
Severity:	Errors
Message:	format/parity error for MD5 key *key-id*, not used.
Description:	The format/parity for MD5 key *key-id* is wrong and not used by system.
Solution:	N/A.

ID:	0x43200304
Type:	Event
Severity:	Errors
Message:	Failed to obtain more memory for receive buffers.
Description:	Failed to obtain more memory for receive buffers.
Solution:	N/A.

ID:	0x43200305
Type:	Event
Severity:	Errors
Message:	no servers can be used, exiting.
Description:	No available NTP server was found.
Solution:	Check if the NTP server is available.

ID:	0x43200306
Type:	Event

Severity:	Errors
Message:	Key or preshare_key of NTP server *ntp-server* error.
Description:	Key or preshare_key of NTP server *ntp-server* error.
Solution:	N/A.

ID:	0x43200307
Type:	Event
Severity:	Errors
Message:	authentication key *key-string* unknown.
Description:	The system can not identify authentication key *key-string*.
Solution:	N/A.

ID:	0x43200308
Type:	Event
Severity:	Errors
Message:	NTP socket error: *reason*.
Description:	NTP failed to receive the response packet after timeout due to *reason*.
Solution:	Check if the connection to the NTP server is normal.

ID:	0x43200509
Type:	Event
Severity:	Notifications
Message:	NTP system call poll error: *reason*.
Description:	NTP failed to receive the return value after calling poll function due to *reason*.
Solution:	N/A.

ID:	0x4320030a
Type:	Event
Severity:	Errors
Message:	no NTP server suitable for synchronization found.
Description:	No suitable NTP server for synchronization was found.
Solution:	Check if the configured NTP server is available.

ID:	0x4320050b
Type:	Event
Severity:	Notifications
Message:	step NTP server *source address* offset *X* sec
Description:	The time of NTP server *source address* offset *X* secs.
Solution:	N/A

ID:	0x4320050c
Type:	Event

Severity:	Notifications
Message:	adjust NTP server *source address* offset *X* sec
Description:	The time of NTP server *source address* was adjusted *X* secs.
Solution:	N/A

ID:	0x4320030d
Type:	Event
Severity:	Errors
Message:	can't find host *host-name*.
Description:	Cannot find host *host-name*.
Solution:	Check if the host name of the configured NTP server is correct.

ID:	0x4320031d
Type:	Event
Severity:	Errors
Message:	NTP cannot find family compatible socket to send NTP packet.
Description:	Failed to send NTP packets.
Solution:	Check if the route to the NTP server is reachable.

ID:	0x43200316
Type:	Event
Severity:	Errors
Message:	NTP send to(*ip-address/host-name*): *reason*.
Description:	Failed to send NTP packets due to reason:*reason*.
Solution:	N/A.

ID:	0x43200317
Type:	Event
Severity:	Errors
Message:	Can't adjust the time of day: *reason*.
Description:	The system can't adjust the time of day due to reason:*reason*.
Solution:	N/A.

ID:	0x43200318
Type:	Event
Severity:	Errors
Message:	adj_systime: *reason*.
Description:	The system failed to adjust the time of day due to reason:*reason*.
Solution:	N/A.

ID:	0x4320031e
Type:	Event
Severity:	Errors
Message:	Failed to update system time: *reason*.
Description:	Failed to update system time due to *reason*.
Solution:	Check if the configuration of NTP maximum adjustment time is correct.

ID:	0x4320021c
Type:	Event
Severity:	Critical
Message:	Adjust system time from *time* to *time*.
Description:	Adjust system time from *time* to *time*.
Solution:	N/A

PKI

ID:	0x49040301
Type:	Event
Severity:	Errors
Message:	error allocating memory for {key pair | PKI trust domain} {*key-pair-name* | *trust-domain-name*}.
Description:	Error occurred when allocating memory for {key pair | PKI trust domain} {*key-pair-name* | *trust-domain-name*}.
Solution:	N/A

ID:	0x49040302
Type:	Event
Severity:	Errors
Message:	{Generate | Delete} key pair *key-pair-name* failed due to *reason*.
Description:	Failed to {generate | delete} key pair *key-pair-name* due to *reason*.
Solution:	N/A

ID:	0x49040603
Type:	Event
Severity:	Informational
Message:	{Generate | Delete} key pair *key-pair-name* successfully.
Description:	Succeeded in {generating | deleting} key pair *key-pair-name*.
Solution:	N/A

ID:	0x49040304
Type:	Event
Severity:	Errors
Message:	Trust domain configuration: Failed to {add | delete} *trust-domain-name* due to *reason*.
Description:	Failed to {add | delete} trust domain *trust-domain-name*.
Solution:	N/A

ID:	0x49040605
Type:	Event
Severity:	Informational
Message:	Trust domain configuration: {add | delete | edit} *trust-domain-name*.
Description:	Succeeded in {adding | deleting | editing} trust domain *trust-domain-name*.
Solution:	N/A

ID:	0x49040306
Type:	Event
Severity:	Errors
Message:	Failed to configure trust domain *trust-domain-name*: Failed to *action PKI-option value* due to *reason*.
Description:	Failed to *action PKI-option value* (including restoring to the default value or modifying the option value) for PKI trust domain *trust-domain-name* due to *reason*.
Solution:	N/A

ID:	0x49040607
Type:	Event
Severity:	Informational
Message:	Configuring trust-domain *trust-domain-name* completely: *action PKI-option value*.
Description:	Succeeded to *action PKI-option value* (including restoring to the default value or modifying the option value) for PKI trust domain *trust-domain-name.*
Solution:	N/A

ID:	0x49040208
Type:	Event
Severity:	Critical
Message:	Trust domain *trust-domain-name* CA certificate not valid yet.
Description:	The CA certificate of PKI trust domain *trust-domain-name* is not valid.
Solution:	N/A

ID:	0x49040209
Type:	Event
Severity:	Critical
Message:	Trust domain *trust-domain-name* CA certificate has expired.
Description:	The CA certificate of PKI trust domain *trust-domain-name* has expired.
Solution:	N/A

ID:	0x4904020a
Type:	Event
Severity:	Critical
Message:	Trust domain *trust-domain-name* certificate has been invalid.
Description:	The certificate of PKI trust domain *trust-domain-name* is not valid.
Solution:	N/A

ID:	0x4904020b
Type:	Event
Severity:	Critical
Message:	Trust domain *trust-domain-name* certificate has expired.
Description:	The certificate of PKI trust domain *trust-domain-name* has expired.
Solution:	N/A

ID:	0x4904040c
Type:	Event
Severity:	Network
Message:	Trust domain *trust-domain-name* CA certificate will expire at *date*.
Description:	The CA certificate of PKI trust domain *trust-domain-name* will expire on *date.*
Solution:	N/A

ID:	0x4904040d
Type:	Event
Severity:	Warnings
Message:	Trust domain *trust-domain-name* certificate will expire at *date*.
Description:	The certificate of PKI trust domain *trust-domain-name* will expire on *date.*
Solution:	N/A

ID:	0x4904060e
Type:	Event
Severity:	Informational
Message:	Import trust domain *domain-name* CA certificate successfully.
Description:	Succeeded in importing the CA certificate of PKI trust domain *domain-name.*
Solution:	N/A

ID:	0x4904060f
Type:	Event
Severity:	Informational
Message:	Import trust domain *domain-name* certificate successfully.
Description:	Succeeded in importing the certificate of PKI trust domain *domain-name.*
Solution:	N/A

ID:	0x49040610
Type:	Event

Severity:	Informational
Message:	trust-domain *domain-name*: refreshing CRL by URL *url* successfully.
Description:	PKI trust domain *domain-name* succeeded in downloading CRL via URL *url*.
Solution:	N/A

ID:	0x49040611
Type:	Event
Severity:	Informational
Message:	trust-domain *domain-name*: refreshing CRL failed.
Description:	PKI trust domain *domain-name* failed to download CRL.
Solution:	N/A

ID:	0x49040612
Type:	Event
Severity:	Informational
Message:	PKI sent OCSP request to check the certificate's (serial number: *serial_number*,trust domain: *domain-name*) status.
Description:	PKI sent OCSP request to check the certificate status (serial number: *serial_number*, trust domain: *domain_name*).
Solution:	N/A

ID:	0x49040613
Type:	Event
Severity:	Informational
Message:	PKI failed to get OCSP response for the cert (serial number: *serial_number*,trust domain: *domain-name*).
Description:	PKI failed to get OCSP response for the cert (serial number: *serial_number*,trust-domain: *domain-name*).
Solution:	N/A

ID:	0x49040614
Type:	Event
Severity:	Informational
Message:	PKI succeeded to get OCSP response for the cert (serial number: *serial_number*,trust domain: *domain-name*).
Description:	PKI successfully received the OCSP response of the certificate (serial number: *serial_number*, trust domain: *domain_name*).
Solution:	N/A

ID:	0x49040615
Type:	Event
Severity:	Informational

Message:	The received OCSP response for the cert (serial number: *serial_number*,trust domain: *domain-name*) is not reliable.
Description:	The received OCSP response of the certificate (serial number: *serial_number*, trust domain: *domain_name*) was not trusted.
Solution:	N/A

ID:	0x49040616
Type:	Event
Severity:	Informational
Message:	The trust-domain *trust-domain-name* has gotten the CA cert successfully.
Description:	The trust-domain *trust-domain-name* obtained the CA certificate successfully.
Solution:	N/A

ID:	0x49040618
Type:	Event
Severity:	Informational
Message:	Failed to get the CA cert of the trust-domain *trust-domain-name.*
Description:	Failed to get the CA certificate of the trust-domain *trust-domain-name.*
Solution:	N/A

ID:	0x49040619
Type:	Event
Severity:	Informational
Message:	Failed to get the local cert of the trust-domain *trust-domain-name.*
Description:	Failed to get the local certificate of the trust-domain *trust-domain-name.*
Solution:	N/A

ID:	0x4904061a
Type:	Event
Severity:	Informational
Message:	The CA certificate of the trust-domain *trust-domain-name* is beyond its expiration date and will be renewed.
Description:	The CA certificate of the trust-domain *trust-domain-name* exceeded its expiration date and will be renewed.
Solution:	N/A

ID:	0x4904061b
Type:	Event
Severity:	Informational

Message:	The local certificate of the trust-domain *trust-domain-name* is beyond its expiration date and will be renewed.
Description:	The local certificate of the trust-domain *trust-domain-name* exceeded its expiration date and will be renewed.
Solution:	N/A

ID:	0x49040615
Type:	Event
Severity:	Informational
Message:	The received OCSP response for the cert (serial number: *serial_number*,trust-domain: *domain-name*) is not reliable.
Description:	The received OCSP response of the certificate (serial number: *serial_number*, trust domain: *domain_name*) was not trusted.
Solution:	N/A

Policy

ID:	0x4424361b
Type:	Traffic
Severity:	Informational
Message:	Packet source IP *source-ip* destination IP *destination-ip* source port *source-port* destination port *destination-port* protocol id *protocol-id* interface *interface-name* type *type* policy id *policy-id* action id *action-id* policy deny.
Description:	Policy rule *policy-id* denied a packet of the specified type.
Solution:	N/A

ID:	0x4424361c
Type:	Traffic
Severity:	Informational
Message:	Packet source IP *source-ip* destination IP *destination-ip* source port *source-port* destination port *destination-port* protocol id *protocol-id* interface *interface-name* type *type* policy id *policy-id* action id *action-id* policy session start.
Description:	Packet matched to policy rule *policy-id*. System started a session to the packet.
Solution:	N/A

ID:	0x4424361d
Type:	Traffic
Severity:	Informational
Message:	Packet source IP *source-ip* destination IP *destination-ip* source port *source-port* destination port *destination-port* protocol id *protocol-id* interface *interface-name* type *type* policy id *policy-id* action id *action-id* APP *app-id* lifetime *life-time* policy session end.
Description:	Session to the packet that matched to policy rule *policy-id* ended.
Solution:	N/A

ID:	0x4424361e
Type:	Traffic
Severity:	Informational
Message:	Packet source IP *source-ip* destination IP *destination-ip* source port *source-port* destination port *destination-port* protocol id *protocol-id* interface *interface-name* type *type* policy id *policy-id* action id *action-id* policy default.
Description:	The packets matched the default action of the policy rule.
Solution:	N/A

ID:	0x4424361f
Type:	Traffic

Severity:	Informational
Message:	Packet source IP *source-ip*（*AAA-server-name:user-name@host-name*）destination IP *destination-ip* source port *source-port* destination port *destination-port* protocol id *protocol-id* interface *interface-name* type *type* policy id *policy-id* action id *action-id* VR *vr-name* policy deny.
Description:	Policy rule *policy-id* denied a packet of the specified type.
Solution:	N/A

ID:	0x44243622
Type:	Traffic
Severity:	Informational
Message:	Packet source IP *source-ip*（*AAA-server-name:user-name@host-name*）destination IP *destination-ip* source port *source-port* destination port *destination-port* protocol id *protocol-id* interface *interface-name* type *type* policy id *policy-id* action id *action-id* VR *vr-name* policy session start.
Description:	Packet matched to policy rule *policy-id*. System started a session to the packet.
Solution:	N/A

ID:	0x44243623
Type:	Traffic
Severity:	Informational
Message:	Packet source IP *source-ip*（*AAA-server-name:user-name@host-name*）destination IP *destination-ip* source port *source-port* destination port *destination-port* protocol id *protocol-id* interface *interface-name* type *type* policy id *policy-id* action id *action-id* VR *vr-name* APP *app-id* lifetime *life-time* policy session end.
Description:	Session to the packet that matched to policy rule *policy-id* ended.
Solution:	N/A

ID:	0x44243620
Type:	Traffic
Severity:	Informational
Message:	Packet source IP *source-ip*（*AAA-server-name:user-name@host-name*）destination IP *destination-ip* source port *source-port* destination port *destination-port* protocol id *protocol-id* interface *interface-name* type *type* policy id *policy-id* action id *action-id* VR *vr-name* policy default.
Description:	The packets matched the default action of the policy rule.
Solution:	N/A

ID:	0x4424360b
Type:	Traffic
Severity:	Informational
Message:	Packet source IP *ipv6-source-ip* destination IP *ipv6-destination-ip* source port *source-port* destination port *destination-port* protocol id *protocol-id* interface *interface-name* type *type* policy id *policy-id* action id *action-id* policy session start.
Description:	(IPv6)Packet matched to policy rule *policy-id*. System started a session to the packet.
Solution:	N/A

ID:	0x4424360c
Type:	Traffic
Severity:	Informational
Message:	Packet source IP *ipv6-source-ip* destination IP *ipv6-destination-ip* source port *source-port* destination port *destination-port* protocol id *protocol-id* interface *interface-name* type *type* policy id *policy-id* action id *action-id* APP *app-id* lifetime *life-time* policy session end.
Description:	(IPv6) Session to the packet that matched to policy rule *policy-id* ended.
Solution:	N/A

ID:	0x4424360d
Type:	Traffic
Severity:	Informational
Message:	Session id *sess-id* APP *app-id* protocol *protocol-id* type *type* policy id *policy-id* action id *action-id* flow source IP *source-ip* source port *source-port* destination IP *destination-ip* destination port *destination-port* source-xlated IP *nat-source-ip* port *nat-source-port* destination translated IP *nat-destination-ip* port *nat-destination-port* VR *vr-name* interface *interface-name* sendpkt *send-pkts* recvpkt *recv-pkts* sendbytes *send-bytes* recvbytes *recv-bytes* start time *start-time* close time *close-time* session closed.
Description:	Session was closed.
Solution:	N/A

ID:	0x44243621
Type:	Traffic
Severity:	Informational
Message:	Session id *sess-id* APP *app-id* protocol *protocol-id* type *type* policy id *policy-id* action id *action-id* flow source IP *source-ip* source port *source-port* destination IP *destination-ip* destination port *destination-port* source-xlated IP *nat-source-ip* port *nat-source-port* destination translated IP *nat-destination-ip* port *nat-destination-port* VR *vr-name* interface *interface-name* sendpkt *send-pkts*

	recvpkt *recv-pkts* sendbytes *send-bytes* recvbytes *recv-bytes* start time *start-time* close time *close-time* session closed reason *reason*.
Description:	Specify the reason that session was closed.
Solution:	N/A

ID:	0x44243613
Type:	Traffic
Severity:	Informational
Message:	Packet source IP *ipv6-source-ip* destination IP *ipv6-destination-ip* source port *source-port* destination port *destination-port* protocol id *protocol-id* interface *interface-name* type *type* policy id *policy-id* action id *action-id* VR *vr-name* policy default.
Description:	(IPv6)The packets matched the default action of the policy rule.
Solution:	N/A

ID:	0x44243614
Type:	Traffic
Severity:	Informational
Message:	Packet source IP *ipv6-source-ip* destination IP *ipv6-destination-ip* source port *source-port* destination port *destination-port* protocol id *protocol-id* interface *interface-name* type *type* policy id *policy-id* action id *action-id* VR *vr-name* policy deny.
Description:	(IPv6) The policy rule *policy-id* denied the specified type of the packets.
Solution:	N/A

ID:	0x44243615
Type:	Traffic
Severity:	Informational
Message:	Packet source IP *ipv6-source-ip* destination IP *ipv6-destination-ip* source port *source-port* destination port *destination-port* protocol id *protocol-id* interface *interface-name* type *type* policy id *policy-id* action id *action-id* VR *vr-name* policy session start.
Description:	(IPv6) The packet matched the policy rule *policy-id*. The system established the session to the packet.
Solution:	N/A

ID:	0x44243616
Type:	Traffic
Severity:	Informational
Message:	Packet source IP *ipv6-source-ip* destination IP *ipv6-destination-ip* port *source-port* destination port *destination-port* protocol id *protocol-id* interface

	interface-name type *type* policy id *policy-id* action id *action-id* VR *vr-name* APP *app-id* lifetime *life-time* policy session end.
Description:	(IPv6) Session to the packet that matched to policy rule *policy-id* ended.
Solution:	N/A

ID:	0x44243617
Type:	Traffic
Severity:	Informational
Message:	Packet source IP *ipv6-source-ip* destination IP *ipv6-destination-ip* port *source-port* destination port *destination-port* protocol id *protocol-id* interface *interface-name* type *type* policy id *policy-id* action id *action-id* VR *vr-name* policy default.
Description:	(IPv6) The packets matched the default action of the policy rule.
Solution:	N/A

ID:	0x44243618
Type:	Traffic
Severity:	Informational
Message:	Session id *sess-id* APP *app-id* protocol *protocol-id* type *type* policy id *policy-id* action id *action-id* flow source IP *ipv6-source-ip* source port *source-port* destination IP *ipv6-destination-ip* destination port *destination-port* source-xlated IP *nat-ipv6-src-ip* port *nat-source-port* destination translated IP *nat-ipv6-dest-ip* port *nat-destination-port* VR *vr-name* interface *interface-name* sendpkt *send-pkts* recvpkt *recv-pkts* sendbytes *send-bytes* recvbytes *recv-bytes* start time *start-time* close time *close-time* session closed.
Description:	(IPv6) Session was closed.
Solution:	N/A

ID:	0x44243619
Type:	Traffic
Severity:	Informational
Message:	Packet source IP *ipv6-source-ip* destination IP *ipv6-destination-ip* source port *source-port* destination port *destination-port* protocol id *protocol-id* interface *interface-name* type *type* policy id *policy-id* action id *action-id* policy deny.
Description:	(IPv6) The policy rule *policy-id* denied the specified type of the packets.
Solution:	N/A

ID:	0x44243624
Type:	Traffic

Severity:	Informational
Message:	Session id *sess-id* APP *app-id* protocol *protocol-id* type *type* policy id *policy-id* action id *action-id* flow source IP *source-ip* source port *source-port* destination IP *destination-ip* destination port *destination-port* source-xlated IP *nat-source-ip* port *nat-source-port* destination translated IP *nat-destination-ip* port *nat-destination-port* VR *vr-name* interface *interface-name* sendpkt *send-pkts* recvpkt *recv-pkts* sendbytes *send-bytes* recvbytes *recv-bytes* start time *start-time* close time *close-time* session closed reason *reason*.
Description:	Specify the reason why the session is closed.
Solution:	N/A

ID:	0x44243626
Type:	Traffic
Severity:	Informational
Message:	Long life time session id *sess-id* APP *app-id* protocol *protocol-id* type *type* policy id *policy-id* action id *action-id* flow source IP *source-ip* source port *source-port* destination IP *destination-ip* destination port *destination-port* source-xlated IP *nat-source-ip* port *nat-source-port* destination translated IP *nat-destination-ip* port *nat-destination-port* VR *vr-name* interface *interface-name* sendpkt *send-pkts* recvpkt *recv-pkts* sendbytes *send-bytes* recvbytes *recv-bytes* start time *start-time* close time *close-time* session closed reason *reason*.
Description:	Specify the reason why the long life time session is closed.
Solution:	N/A

ID:	0x44243629
Type:	Traffic
Severity:	Informational
Message:	Packet source IP *source-ip* (*host-name*: *user-name*@*aaa-server-name*) destination IP *destination-ip* source port *source-port* destination port *destination-port* protocol id *protocol-id* type *type* APP *application-name* in-interface *in-interface-name* source vr *source-vr-name* pbr-policy *pbr-policy-name* pbr id *pbr-rule-id* out-interface *out-interface-name* nexthop *nexthop* action id *action-id* pbr session create.
Description:	Once the PBR rule is matched by traffic, the system will create new PBR session.
Solution:	N/A

ID:	0x4424362a
Type:	Traffic
Severity:	Informational
Message:	Packet source IP *source-ip* (*host-name*: *user-name*@*aaa-*

	server-name) destination IP *destination-ip* source port *source-port* destination port *destination-port* protocol id *protocol-id* type *type* APP *application-name* in-interface *in-interface-name* source vr *source-vr-name* pbr-policy *pbr-policy-name* pbr id *pbr-rule-id* out-interface *out-interface-name* nexthop *nexthop* action id *action-id* pbr session rematch.
Description:	If the application of the traffic is identified to be changed after application layer identification, the system will rematch PBR rule for the traffic and create a new PBR session.
Solution:	N/A

ID:	0x4424362b
Type:	Traffic
Severity:	Informational
Message:	Packet source IP *source-ip* destination IP *destination-ip* source port *source-port* destination port *destination-port* protocol id *protocol-id* type *type* APP *application-name* in-interface *in-interface-name* source vr *source-vr-name* pbr-policy *pbr-policy-name* pbr id *pbr-rule-id* out-interface *out-interface-name* nexthop *nexthop* action id *action-id* pbr session create.
Description:	Once the PBR rule is matched by traffic, the system will create new PBR session.
Solution:	N/A

ID:	0x4424362c
Type:	Traffic
Severity:	Informational
Message:	Packet source IP *source-ip* destination IP *destination-ip* source port *source-port* destination port *destination-port* protocol id *protocol-id* type *type* APP *application-name* in-interface *in-interface-name* source vr *source-vr-name* pbr-policy *pbr-policy-name* pbr id *pbr-rule-id* out-interface *out-interface-name* nexthop *nexthop* action id *action-id* pbr session rematch.
Description:	If the application of the traffic is identified to be changed after application layer identification, the system will rematch PBR rule for the traffic and create a new PBR session.
Solution:	N/A

ID:	0x4424362d
Type:	Traffic
Severity:	Informational
Message:	Packet source IP *source-ip*（*AAA-server-name:user-name@host-name user-mac*）destination IP *destination-ip* source port *source-port* destination port *destination-port* protocol id *protocol-id* interface *interface-name* type *type* policy id *policy-id* action id *action-id* VR *vr-name* policy session start.

Description:	Packet matched to policy rule *policy-id*. System started a session to the packet.
Solution:	N/A

ID:	0x4424362e
Type:	Traffic
Severity:	Informational
Message:	Packet source IP *source-ip*（*AAA-server-name:user-name@host-name user-mac*）destination IP *destination-ip* source port *source-port* destination port *destination-port* protocol id *protocol-id* interface *interface-name* type *type* policy id *policy-id* action id *action-id* VR *vr-name* policy default.
Description:	The packets matched the default action of the policy rule.
Solution:	N/A

ID:	0x4424362f
Type:	Traffic
Severity:	Informational
Message:	Packet source IP *source-ip*（*AAA-server-name:user-name@host-name user-mac*）destination IP *destination-ip* source port *source-port* destination port *destination-port* protocol id *protocol-id* interface *interface-name* type *type* policy id *policy-id* action id *action-id* VR *vr-name* policy deny.
Description:	Policy rule *policy-id* denied a packet of the specified type.
Solution:	N/A

ID:	0x44243630
Type:	Traffic
Severity:	Informational
Message:	Session id *sess-id* APP *app-id* protocol *protocol-id* type *type* policy id *policy-id* action id *action-id* flow source IP *source-ip* (*AAA-server-name:user-name@host-name user-mac*) source port *source-port* destination IP *destination-ip* destination port *destination-port* source-xlated IP *nat-source-ip* port *nat-source-port* destination translated IP *nat-destination-ip* port *nat-destination-port* VR *vr-name* interface *interface-name* sendpkt *send-pkts* recvpkt *recv-pkts* sendbytes *send-bytes* recvbytes *recv-bytes* start time *start-time* close time *close-time* session closed reason *reason*.
Description:	Session was closed.
Solution:	N/A

ID:	0x44243631
Type:	Traffic
Severity:	Informational

Message:	Long life time session id *sess-id* APP *app-id* protocol *protocol-id* type *type* policy id *policy-id* action id *action-id* flow source IP *source-ip* (*AAA-server-name:user-name@host-name user-mac*) source port *source-port* destination IP *destination-ip* destination port *destination-port* source-xlated IP *nat-source-ip* port *nat-source-port* destination translated IP *nat-destination-ip* port *nat-destination-port* VR *vr-name* interface *interface-name* sendpkt *send-pkts* recvpkt *recv-pkts* sendbytes *send-bytes* recvbytes *recv-bytes* start time *start-time* close time *close-time* session closed reason *reason*.
Description:	Specify the reason that session was closed.
Solution:	N/A

ID:	0x4424361a
Type:	Traffic
Severity:	Informational
Message:	session id *session-id* appid *app-id* protocol *protocol* type *log-type* policyid *policy-id* action id *session-action* flow srcip *ipv6-src-ip* srcport *src-port* dstip *ipv6-dst-ip* dstport *dst-port* src-xlated ip *trans-srcip* port *port* dst-xlated ip *trans-dstip* port *port* vr *vr-name* sendpkt *sent-packets* recvpkt *received-packets* sendbytes *sentbytes* recvbytes *receivedbytes* start-time *starttime* close-time *endtime* session closed reason *reason*.
Description:	(IPv6) Session was closed and the reasons were specified.
Solution:	N/A

ID:	0x44240626
Type:	Event
Severity:	Informational
Message:	Policy checking task starts.
Description:	Policy checking task starts.
Solution:	N/A

ID:	0x44240627
Type:	Event
Severity:	Informational
Message:	Policy checking task has been done.
Description:	Policy checking task has completed.
Solution:	N/A

ID:	0x44240628
Type:	Event
Severity:	Informational
Message:	Policy checking task has been stoped.

Description:	Policy checking task has been stoped manually.
Solution:	N/A

ID:	0x44243601
Type:	Traffic
Severity:	Informational
Message:	srcip *source-ip*, srcport *source-port*, dstip *destination-ip*, dstport *destination-port*, protocol *protocol*, interface *interface-name*, policyid *policy-id*, action: policy deny.
Description:	Policy rule *policy-id* denied a packet of the specified type.
Solution:	N/A

ID:	0x44243602
Type:	Traffic
Severity:	Informational
Message:	srcip *source-ip*, srcport *source-port*, dstip *destination-ip*, dstport *destination-port*, protocol *protocol*, interface *interface-name*, policyid *policy-id*, policy session start.
Description:	Packet matched to policy rule *policy-id*. System started a session to the packet.
Solution:	N/A

ID:	0x44243603
Type:	Traffic
Severity:	Informational
Message:	srcip *source-ip*, srcport *source-port*, dstip *destination-ip*, dstport *destination-port*, protocol *protocol*, interface *interface-name*, policyid *policy-id*, policy session end.
Description:	Session to the packet that matched to policy rule *policy-id* ended.
Solution:	N/A

ID:	0x44243604
Type:	Traffic
Severity:	Informational
Message:	srcip *source-ip*, srcport *source-port*, dstip *destination-ip*, dstport *destination-port*, protocol *protocol*, interface *interface-name*, policyid *policy-id*, action: policy default ({deny | permit}).
Description:	Cannot find any matched policy rule.
Solution:	N/A

ID:	0x04095c05
Type:	Traffic
Severity:	Informational

Message:	packet srcip *source-ip* dstip *destination-ip* srcport *source-port* srcport *destination-port* protocolid *protocol-id* type *type* policyid *policy-id* actionid *action-id* to self permit.
Description:	Device permitted the traffic with the protocol ID of *protocol-id*, source IP/source port of *source-ip/ source-port* and destination IP/destination port of *destination-ip/destination-port* to pass through.
Solution:	N/A

ID:	0x04095c06
Type:	Traffic
Severity:	Informational
Message:	packet srcip *source-ip* dstip *destination-ip* srcport *source-port* srcport *destination-port* protocolid *protocol-id* type *type* policyid *policy-id* actionid *action-id* to self permit icmp.
Description:	Device permitted the ICMP traffic with the type of *type*, source IP IP/destination IP of *source-ip/destination-ip* to pass through.
Solution:	N/A

ID:	0x46680501
Type:	Event
Severity:	Notification
Message:	Web Redirect: create IP entry,ip *IP-address* interface *interface-name*.
Description:	IP-interface entry (*IP-address-interface-name*) for Web Redirect was created.
Solution:	N/A

ID:	0x46680502
Type:	Event
Severity:	Notification
Message:	Web Redirect: remove IP entry,ip *IP-address* interface *interface-name*.
Description:	IP-interface entry (*IP-address-interface-name*) for Web Redirect was removed.
Solution:	N/A

ID:	0x4424360e
Type:	Traffic
Severity:	Informational
Message:	NAT444 user alloc port *protocol original_src_ip - translated_src_ip - first_src_port last_src_port*.
Description:	The system allocated a port block based on the NAT444 rule, and logged *protocol*, *original_src_ip*, *translated_src_ip*, *first_src_port* and *last_src_port* of the original packet.

Solution:	N/A

ID:	0x4424360f
Type:	Traffic
Severity:	Informational
Message:	NAT444 user free port *protocol original_src_ip - translated_src_ip - first_src_port last_src_port*.
Description:	The system freed an allocated port block, and logged *protocol*, *original_src_ip*, *translated_src_ip*, *first_src_port* and *last_src_port* of the original packet.
Solution:	N/A

ID:	0x44243410
Type:	Traffic
Severity:	Warning
Message:	NAT444 user exhausted port *protocol original_src_ip - translated_src_ip - first_src_port last_src_port*.
Description:	The port block resources were exhausted. Logged *protocol*, *original_src_ip*, *translated_src_ip*, *first_src_port* and *last_src_port* of the original packet.
Solution:	N/A

ID:	0x44243611
Type:	Traffic
Severity:	Informational
Message:	NAT444 session start *protocol original_src_ip - translated_src_ip - original_src_port translated_src_port - destination_IP destination_port*.
Description:	The system started a NAT 444 session, and logged *protocol*, *original_src_ip*, *translated_src_ip*, *original_src_port, translated_src_port, destination_IP* and *destination_port* of the original packet.
Solution:	N/A

ID:	0x44243612
Type:	Traffic
Severity:	Informational
Message:	NAT444 session end *protocol original_src_ip - translated_src_ip - original_src_port translated_src_port - destination_IP destination_port*.
Description:	The system ended a NAT 444 session, and logged *protocol*, *original_src_ip*, *translated_src_ip*, *original_src_port, translated_src_port, destination_IP* and *destination_port* of the original packet.
Solution:	N/A

ID:	0x44040201

Type:	Event
Severity:	Critical
Message:	Failed to send IPC message to policy data plane.
Description:	Failed to communicate with the process of the policy data plane.
Solution:	N/A

ID:	0x44040202
Type:	Event
Severity:	Critical
Message:	The user *user-name* created a policy (id *policy-ID*).
Description:	The user *user-name* created a policy, and the policy id is *policy-ID*.
Solution:	N/A

ID:	0x44040203
Type:	Event
Severity:	Critical
Message:	The user *user-name* deleted a policy (id *policy-ID*).
Description:	The user *user-name* deleted a policy, and the policy id is *policy-ID*.
Solution:	N/A

ID:	0x44040204
Type:	Event
Severity:	Critical
Message:	The user *user-name* modified a policy (id *policy-ID*), *policy-option* has been *result*.
Description:	The user *user-name* modified a policy, the policy id is *policy-ID and* pointed out that the *policy-option* have been changed to the *results*.
Solution:	N/A

PPPoE

ID:	0x43280201
Type:	Event
Severity:	Critical
Message:	Open socket error: socket *reason* failed.
Description:	Failed to open socket due to *reason*.
Solution:	N/A

ID:	0x43280302
Type:	Event
Severity:	Errors
Message:	PPPoE configuration error: *config-item* failed.
Description:	Failed to configure PPPoE instance parameter *config-item*.
Solution:	Check the PPPoE configuration and modify incorrect configuration.

ID:	0x43280203
Type:	Event
Severity:	Critical
Message:	PPPoE IPC open error: *reason* failed.
Description:	Communication between PPPoE processes failed due to *reason.*
Solution:	N/A

ID:	0x43286204
Type:	Network
Severity:	Critical
Message:	PPP user *use-name* failed to authenticate with peer *reason.*
Description:	PPPoE user *use-name* failed to authenticate with the peer due to *reason.*
Solution:	Check if the username, password and authentication mode is correct.

ID:	0x43286605
Type:	Network
Severity:	Informational
Message:	PPPoE *name* acquired IP address *ip-address* from server.
Description:	PPPoE instance *name* acquired IP address *ip-address* from the server.
Solution:	N/A

ID:	0x43286606
Type:	Network

Severity:	Informational
Message:	PPPoE *name* released IP address to server.
Description:	PPPoE instance *name* released IP address *ip-address* to the server.
Solution:	N/A

ID:	0x4328670e
Type:	Network
Severity:	Debugging
Message:	PPP user *user-name* succeed to authenticate with peer.
Description:	PPPoE user *use-name* succeeded in authenticating with the peer
Solution:	N/A

ID:	0x43286708
Type:	Network
Severity:	Debugging
Message:	PPP user *use-name* turn to LCP up.
Description:	Enabled LCP for PPPoE user *use-name.*
Solution:	N/A

ID:	0x4328670f
Type:	Network
Severity:	Debugging
Message:	PPP user *user-name* turn to LCP down.
Description:	Disabled LCP for PPPoE user *use-name.*
Solution:	N/A

ID:	0x43286710
Type:	Network
Severity:	Debugging
Message:	PPP user *user-name* turn to IPCP up.
Description:	Enabled IPCP for PPPoE user *use-name.*
Solution:	N/A

ID:	0x43286711
Type:	Network
Severity:	Debugging
Message:	PPP user *user-name* turn to IPCP down.
Description:	Disabled IPCP for PPPoE user *use-name.*
Solution:	N/A

ID:	0x43286712
Type:	Network

Severity:	Debugging
Message:	PPP user *use-name* does not get reply from server, LCP down.
Description:	PPPoE user *use-name* failed to get reply from the server. LCP was disabled.
Solution:	N/A

ID:	0x43286713
Type:	Network
Severity:	Debugging
Message:	PPP user *use-name* received termination request from server.
Description:	PPP user *use-name* received termination request from server.
Solution:	N/A

ID:	0x43286714
Type:	Network
Severity:	Debugging
Message:	PPPoE group *group-name* received PADT packet from server.
Description:	PPPoE group *group-name* received PADT packet from server.
Solution:	N/A

ID:	0x4328670d
Type:	Network
Severity:	Debugging
Message:	PPP is not configured with *type* authentication, send NAK.
Description:	PPPoE does not support authentication type of *type*. Sent a NAK packet.
Solution:	N/A

QoS

ID:	0x46300401
Type:	Event
Severity:	Warnings
Message:	WARNING! Max allowed {upstream | downstream} IP for this platform is reached. IP *IP address* in level {1 | 2} target name {*interface-name* | *zone-name*} is not rate limited.
Description:	The number of upstream/downstream IPs reached the maximum threshold. IP address *IP address* that is bound to Level 1/Level 2 of interface *interface-name* or zone *zone-name* is not limited.
Solution:	N/A

ID:	0x46300202
Type:	Event
Severity:	Critical
Message:	WARNING! IP Queue ID *ID* in {上行|下行} is kept when IP *IP address* in level {1 | 2} target name {*interface-name* | *zone-name*} have a zoro session reference counter. Lack of memory.
Description:	Due to insufficient memory, IP queue *ID* with session number of 0 was kept in upstream/downstream. The IP queue's IP address is *IP address*, and is bound to Level 1/Level 2 of {*interface-name* | *zone-name*}.
Solution:	N/A

ID:	0x46300305
Type:	Event
Severity:	Errors
Message:	*file name*! *error*.
Description:	File error.
Solution:	N/A

ID:	0x46300406
Type:	Event
Severity:	Warnings
Message:	WARNING! There is no bandwidth to reserve for *IP address* on target {*interface-name* | *zone-name*} direction {upstream | downstream} level {1|2}, reserve failed.
Description:	Cannot reserve bandwidth for IP address *IP address* that is bound to Level 1/2 of target {*interface-name* | *zone-name*} in upstream/downstream.
Solution:	N/A

ID:	0x46300403
Type:	Event

Severity:	Warnings
Message:	WARNING! Max allowed {upstream | downstream} user for this platform is reached. User *IP-address* in level {1 | 2} target name {*interface-name* | *zone-name*} is not rate limited.
Description:	The number of users in upstream/downstream has reached the maximum limit. The user *IP-address* that is bound to Level1/Level2 of target {*interface-name* | *zone-name*} is not restricted.
Solution:	N/A

ID:	0x46740401
Type:	Event
Severity:	Warnings
Message:	Warning! The maximum number of IP/user (*max-number*) has been reached. IP/user *IP address/username* will not be limited by the per IP/user configuration.
Description:	Since the system reached the maximum number of IP addresses and users *max-number* that are permitted for this platform, IP address or user *IP address/username* will not be controlled by each IP address or each user.
Solution:	N/A

ID:	0x46740402
Type:	Event
Severity:	Warnings
Message:	Warning! The maximum number of IP/user in each pipe (*max-number*) has been reached. In the pipe *pipe-name*, IP/user *IP address/username* will not be limited by the per IP/user configuration.
Description:	Since each pipe reached the maximum number of IP addresses and users *max-number* that are permitted for this platform, IP address or user *IP address/username that enters the pipe* will not be controlled by each IP address or each user.
Solution:	N/A

ID:	0x46301007
Type:	Alarm
Severity:	Emergencies
Message:	Emergency: Failed to initialize %s because of lacking memory.
Description:	Failed to initialize *memory-type* since the lack of memory.
Solution:	N/A

Route

ID:	0x43106604
Type:	Network
Severity:	Informational
Message:	Set the VR *vrouter-name* with the configuration command *command*.
Description:	Set the VRouter *vrouter-name* with configuration command *command*.
Solution:	N/A

ID:	0x43100202
Type:	Event
Severity:	Critical
Message:	Status of neighbor *router-id* on *interface-name* changed from loading to full because the loading was finished.
Description:	Since route information exchange is completed, the neighbor *router-id* status on the interface *interface-name* changed from loading to full.
Solution:	N/A

ID:	0x43100203
Type:	Event
Severity:	Critical
Message:	Status of neighbor *router-id* on *interface-name* changed from full to down because interface was down or detached.
Description:	Since the interface was down or was dissociated, the neighbor *router-id* status on the interface *interface-name* changed from full to down.
Solution:	N/A

ID:	0x43100204
Type:	Event
Severity:	Critical
Message:	Status of neighbor *router-id* on *interface-name* changed from loading to full because the loading was finished in OSPF *process-id*.
Description:	Since route information exchange in OSPF process *process-id* is completed, the neighbor *router-id* status on the interface *interface-name* changed from loading to full
Solution:	N/A

ID:	0x43100205
Type:	Event
Severity:	Critical

Message:	Status of neighbor *router-id* on *interface-name* changed from full to down because interface was down or detached in OSPF *process-id*.
Description:	Since the interface was down or was dissociated in OSPF process *process-id*, the neighbor *router-id* status on the interface *interface-name* changed from full to down.
Solution:	N/A

ID:	0x43086201
Type:	Network
Severity:	Critical
Message:	A new route cannot be added to the device because the maximum number of system route entries *max-limitation* has been exceeded.
Description:	A new route cannot be added to the device because the number of routing entries exceeded the maximum limit *max-limitation*.
Solution:	Check network topology and try to delete some routing entries.

ID:	0x43086402
Type:	Network
Severity:	Warnings
Message:	Error occurred while adding route *route-entry* to virtual router *vrouter-name* route table.
Description:	Error occurred when adding route *route-entry* to the routing table in VRouter *vrouter-name*.
Solution:	The number of routing entries exceeded the maximum limit. Delete some routing entries and re-configure.

ID:	0x43086403
Type:	Network
Severity:	Warnings
Message:	Error occurred while deleting route *route-entry* from virtual router *vrouter-name* route table.
Description:	Error occurred when deleting route *route-entry* from the routing table of VRouter *vrouter-name.*
Solution:	Confirm if the routing entry you want to delete is a static route.

ID:	0x43086614
Type:	Network
Severity:	Informational
Message:	Route in VR *vrouter-name* that has IP address *ip-address* through nexthop *next-hop* with precedence *metric* is created.
Description:	A route was added to the routing table of VRouter *vrouter-name*. Logged detailed information of the entry.

Solution:	N/A

ID:	0x43086615
Type:	Network
Severity:	Informational
Message:	Route in VR *vrouter-name* that has IP address *ip-address* through nexthop *next-hop* with precedence *metric* is deleted.
Description:	A route was deleted from the routing table of VRouter *vrouter-name*. Logged detailed information of the entry.
Solution:	N/A

ID:	0x43086616
Type:	Network
Severity:	Informational
Message:	Route in virtual router *vrouter-name* that has IP address *ip-address* through nexthop *next-hop* is created
Description:	A route was created in the routing table of VRouter *vrouter-name.* Logged detailed information of the entry.
Solution:	N/A

ID:	0x43086617
Type:	Network
Severity:	Informational
Message:	Route in virtual router *vrouter-name* that has IP address *ip-address* through nexthop *next-hop* is deleted.
Description:	A route was deleted from the routing table of VRouter *vrouter-name*. Logged detailed information of the entry.
Solution:	N/A

ID:	0x43086208
Type:	Network
Severity:	Critical
Message:	A new ISP cannot be added to the device because the maximum number of ISP entries *number* has been exceeded.
Description:	The new ISP cannot be added to the device because the number of ISP entries exceeded the maximum number *number.*
Solution:	Check network topology, and try to delete some ISPs.

ID:	0x43086209
Type:	Network
Severity:	Critical
Message:	A new ISP network cannot be added to the device because the maximum number of ISP network entries *number* has

	been exceeded.
Description:	The new ISP subnet cannot be added to the device because the number of ISP subnets exceeded the maximum number *number.*
Solution:	Check network topology, and try to delete some ISP subnets.

ID:	0x4308640a
Type:	Network
Severity:	Warnings
Message:	Error adding ISP *ISP*.
Description:	Error occurred when adding ISP *ISP* to the system.
Solution:	The number of ISP entries exceeded the maximum limit. Delete some ISP entries and re-configure.

ID:	0x4308640b
Type:	Network
Severity:	Warnings
Message:	Error deleting ISP ISP.
Description:	Error occurred when deleting ISP *ISP* from the system.
Solution:	N/A

ID:	0x4308640c
Type:	Network
Severity:	Warnings
Message:	Error occurred while adding subnet *subnet-entry* to ISP *ISP.*
Description:	Error occurred when adding subnet *subnet-entry* to ISP *ISP.*
Solution:	The number of ISP subnets exceeded the maximum limit. Delete some ISP subnets and re-configure.

ID:	0x4308640d
Type:	Network
Severity:	Warnings
Message:	Error occurred while deleting subnet *subnet-entry* (from ISP *ISP*).
Description:	Error occurred when deleting subnet *subnet-entry* from ISP *ISP.*
Solution:	Confirm if the address of the ISP subnet you want to delete is correct.

ID:	0x4308660e
Type:	Network
Severity:	Informational
Message:	ISP *ISP* created.
Description:	ISP *ISP* was created.

Solution:	N/A

ID:	0x4308660f
Type:	Network
Severity:	Informational
Message:	ISP *ISP* deleted
Description:	ISP *ISP* was deleted.
Solution:	N/A

ID:	0x43086610
Type:	Network
Severity:	Informational
Message:	Subnet *subnet-entry* in ISP *ISP* created.
Description:	Subnet *subnet-entry* was created in ISP *ISP*.
Solution:	N/A

ID:	0x43086611
Type:	Network
Severity:	Informational
Message:	Subnet *subnet-entry* in ISP *ISP* deleted.
Description:	Subnet *subnet-entry* was deleted from ISP *ISP*.
Solution:	N/A

ID:	0x43086412
Type:	Network
Severity:	Warnings
Message:	The maximum number of route entries of this device *max-limitation* has been exceeded.
Description:	The number of routing entries in this device exceeded the maximum limit *max-limitation*.
Solution:	Check network topology, and try to delete some routing entries.

ID:	0x43086418
Type:	Network
Severity:	Warnings
Message:	The maximum number of route entries of this VR *max-limitation* has been exceeded.
Description:	The number of routing entries in this VRouter exceeded the maximum limit *max-limitation*.
Solution:	Check network topology, and try to delete some routing entries.

ID:	0x430c6201
Type:	Network

Severity:	Critical
Message:	Virtual router *vrouter-name* that received an update packet flood from neighbor *ip-address* on interface *interface-name* dropped packet.
Description:	The RIP instance in VRouter *vrouter-name* dropped update packets received from neighbor *ip-address* on interface *interface-name.*
Solution:	Set a larger update interval for sending RIP route.

ID:	0x430c6202
Type:	Network
Severity:	Critical
Message:	System wide RIP route limit exceeded, RIP route dropped.
Description:	The number of RIP routes exceeded the maximum limit. The system dropped new RIP routes.
Solution:	Delete some RIP routes in the system.

ID:	0x430c6203
Type:	Network
Severity:	Critical
Message:	*number* RIP routes dropped from last system wide RIP route limit exceed.
Description:	After exceeding the maximum RIP route limit, *number* RIP routes were dropped.
Solution:	Delete some RIP routes in the system.

ID:	0x430c6204
Type:	Network
Severity:	Critical
Message:	RIP database size limit exceeded for *vrouter-name*, RIP route dropped.
Description:	The RIP database of VRouter was full. RIP instance dropped RIP route.
Solution:	Restart RIP instance.

ID:	0x430c6205
Type:	Network
Severity:	Critical
Message:	*number* RIP routes dropped from last system wide RIP route limit exceed.
Description:	After exceeding the maximum RIP route limit, *number* RIP routes were dropped.
Solution:	Delete some RIP routes in the system.

ID:	0x430c6306
Type:	Network

Severity:	Errors
Message:	Set virtual router *vrouter-name* with the configuration command *command* failed.
Description:	Failed to set VRouter *vrouter-name* by command *command*.
Solution:	Check if the number of VRouter has reached the maximum limit.

ID:	0x430c6307
Type:	Network
Severity:	Errors
Message:	RIP in virtual router *vrouter-name* joining multicast failed.
Description:	RIP in VRouter *vrouter-name* failed to join multicast.
Solution:	Check if RIP is enabled on the interface.

ID:	0x430c6308
Type:	Network
Severity:	Errors
Message:	RIP in virtual router *vrouter-name* leaving multicast failed.
Description:	RIP in VRouter *vrouter-name* failed to leave multicast.
Solution:	Check if RIP is disabled on the interface.

ID:	0x430c6609
Type:	Network
Severity:	Informational
Message:	RIP instance in virtual router *vrouter-name* was created.
Description:	RIP instance was created in VRouter *vrouter-name.*
Solution:	N/A

ID:	0x430c660a
Type:	Network
Severity:	Informational
Message:	RIP instance in virtual router *vrouter-name* was removed.
Description:	RIP instance was deleted in VRouter *vrouter-name.*
Solution:	N/A

ID:	0x430c660b
Type:	Network
Severity:	Informational
Message:	Set virtual router *vrouter-name* with the configuration command *command*.
Description:	Set VRouter *vrouter-name* by command *command*.
Solution:	N/A

ID:	0x430c660c

Type:	Network
Severity:	Informational
Message:	RIP neighbor *ip-address* in virtual router *vrouter-name* added.
Description:	RIP neighbor *ip-address* was added to RIP instance in VRouter *vrouter-name*.
Solution:	N/A

ID:	0x430c660d
Type:	Network
Severity:	Informational
Message:	RIP neighbor *ip-address* in virtual router *vrouter-name* removed.
Description:	RIP neighbor *ip-address* was deleted from RIP instance in VRouter *vrouter-name*.
Solution:	N/A

ID:	0x430c660e
Type:	Network
Severity:	Informational
Message:	RIP network *ip-address* in virtual router *vrouter-name* added.
Description:	RIP network *ip-address* was added to RIP instance in VRouter *vrouter-name*.
Solution:	N/A

ID:	0x430c660f
Type:	Network
Severity:	Informational
Message:	RIP network *IP-address* in virtual router *vrouter-name* removed.
Description:	RIP network *ip-address* was deleted from RIP instance in VRouter *vrouter-name*.
Solution:	N/A

ID:	0x430c6610
Type:	Network
Severity:	Informational
Message:	RIP in virtual router *vrouter-name* joined multicast.
Description:	RIP instance in VRouter *vrouter-name* joined multicast.
Solution:	N/A

ID:	0x430c6611
Type:	Network
Severity:	Informational

Message:	RIP in virtual router *vrouter-name* leaved multicast.
Description:	RIP instance in VRouter *vrouter-name* left multicast.
Solution:	N/A

ID:	0x430c6612
Type:	Network
Severity:	Informational
Message:	RIP in virtual router *vrouter-name* on interface *interface-name* up.
Description:	RIP instance in VRouter *vrouter-name* was enabled on interface *interface-name.*
Solution:	N/A

ID:	0x430c6613
Type:	Network
Severity:	Informational
Message:	RIP in virtual router *vrouter-name* on interface *interface-name* down.
Description:	RIP instance in VRouter *vrouter-name* was disabled on interface *interface-name.*
Solution:	N/A

ID:	0x430c6614
Type:	Network
Severity:	Informational
Message:	RIP in virtual router *vrouter-name* on interface *interface-name* added.
Description:	RIP instance in VRouter *vrouter-name* was added to interface *interface-name*.
Solution:	N/A

ID:	0x430c6615
Type:	Network
Severity:	Informational
Message:	RIP in virtual router *vrouter-name* on interface *interface-name* deleted.
Description:	RIP instance in VRouter *vrouter-name* was deleted from interface *interface-name.*
.Solution:	N/A

ID:	0x432c6601
Type:	Network
Severity:	Informational
Message:	Create pbr-policy *policy-name*.
Description:	Policy-based route *policy-name* was created in the system.

Solution:	N/A

ID:	0x432c6302
Type:	Network
Severity:	Errors
Message:	Failed to create pbr-policy *policy-name*.
Description:	Failed to create policy-based route *policy-name.*
Solution:	N/A

ID:	0x432c6603
Type:	Network
Severity:	Informational
Message:	Delete pbr-policy *policy-name*.
Description:	Policy-based route *policy-name* was deleted from the system.
Solution:	N/A

ID:	0x432c6304
Type:	Network
Severity:	Critical
Message:	Failed to delete pbr-policy *policy-name*.
Description:	Failed to delete policy-based route *policy-name* from the system.
Solution:	Check if the policy-based route you want to delete is bound to any interface, zone or VRouter.

ID:	0x432c6605
Type:	Network
Severity:	Informational
Message:	match id *ID* was added to pbr-policy *policy-name*.
Description:	PBR rule *ID* was added to policy-based route *policy-name.*
Solution:	N/A

ID:	0x432c6306
Type:	Network
Severity:	Critical
Message:	Failed to add match id *ID* to pbr-policy *policy-name*.
Description:	Failed to add PBR rule *ID* to policy-based route *policy-name.*
Solution:	The number of PBR rules exceeded the maximum limit. Delete some PBR rules and re-configure.

ID:	0x432c6607
Type:	Network
Severity:	Informational

Message:	match id *ID* was deleted from pbr-policy *policy-name*.
Description:	PBR rule *ID* was deleted from policy-based route *policy-name.*
Solution:	N/A

ID:	0x432c6608
Type:	Network
Severity:	Informational
Message:	match id *ID* in pbr-policy *policy-name* push to d-plane.
Description:	PBR rule *ID* in policy-based route *policy-name* was distributed to data plane.
Solution:	N/A

ID:	0x432c6609
Type:	Network
Severity:	Informational
Message:	match id *ID* in pbr-policy *policy-name* withdraw from d-plane.
Description:	PBR rule *ID* in policy-based route *policy-name* was deleted from data plane.
Solution:	N/A

ID:	0x432c660a
Type:	Network
Severity:	Informational
Message:	Modify match id *ID* in pbr-policy *policy-name* and push it to d-plane.
Description:	PBR rule *ID* in policy-based route *policy-name* was modified and distributed to data plane.
Solution:	N/A

ID:	0x432c660b
Type:	Network
Severity:	Informational
Message:	Cleaned up pbr-policy *policy-name* in d-plane.
Description:	Policy-based route *policy-name* was deleted from data plane.
Solution:	N/A

ID:	0x432c660c
Type:	Network
Severity:	Informational
Message:	Moved match *ID* to top in pbr-policy *policy-name*.
Description:	PBR rule *ID* in policy-based route *policy-name* was moved to the top.

Solution:	N/A

ID:	0x432c660e
Type:	Network
Severity:	Informational
Message:	Moved match id *ID* to new position *position* in pbr-policy *policy-name*.
Description:	PBR rule *ID* in policy-based route *policy-name* was moved to new position *position.*
Solution:	N/A

ID:	0x432c660f
Type:	Network
Severity:	Informational
Message:	Bound pbr-policy *policy-name* to interface *interface-name*.
Description:	Policy-based route *policy-name* was bound to interface *interface-name*.
Solution:	N/A

ID:	0x432c6610
Type:	Network
Severity:	Informational
Message:	Bound pbr-policy *policy-name* to zone *zone-name*.
Description:	Policy-based route *policy-name* was bound to zone *zone-name*.
Solution:	N/A

ID:	0x432c6611
Type:	Network
Severity:	Informational
Message:	Bound pbr-policy *policy-name* to virtual router *VR-name*.
Description:	Policy-based route *policy-name* was bound to VRouter *VR-name*.
Solution:	N/A

ID:	0x432c6312
Type:	Network
Severity:	Errors
Message:	Failed to bind pbr-policy *policy-name* to interface *interface-name*.
Description:	Failed to bind policy-based route *policy-name* to interface *interface-name*.
Solution:	Check if the interface is bound with other policy-based route.

ID:	0x432c6313
Type:	Network
Severity:	Errors
Message:	Failed to bind pbr-policy *policy-name* to zone *zone-name*.
Description:	Failed to bind policy-based route *policy-name* to zone *zone-name*.
Solution:	Check if the zone is bound with other policy-based route.

ID:	0x432c6314
Type:	Network
Severity:	Errors
Message:	Failed to bind pbr-policy *policy-name* to virtual router *VR-name*.
Description:	Failed to bind policy-based route *policy-name* to VRouter *VR-name*.
Solution:	Check if the VRouter is bound with other policy-based route.

ID:	0x432c6615
Type:	Network
Severity:	Informational
Message:	Unbound pbr-policy *policy-name* to interface *interface-name*.
Description:	Policy-based route *policy-name* was unbound from interface *interface-name*.
Solution:	N/A

ID:	0x432c6616
Type:	Network
Severity:	Informational
Message:	Unbound pbr-policy *policy-name* to zone *zone-name*.
Description:	Policy-based route *policy-name* was unbound from zone *zone-name*.
Solution:	N/A

ID:	0x432c6617
Type:	Network
Severity:	Informational
Message:	Unbound pbr-policy *policy-name* to virtual router *VR-name*.
Description:	Policy-based route *policy-name* was unbound from VRouter *VR-name*.
Solution:	N/A

ID:	0x432c6318
Type:	Network
Severity:	Errors

Message:	Failded to unbind pbr-policy *policy-name* to interface *interface-name*.
Description:	Failed to unbind policy-based route *policy-name* from interface *interface-name*.
Solution:	Check the binding relationship between the interface and policy-based route.

ID:	0x432c6319
Type:	Network
Severity:	Errors
Message:	Failded to unbind pbr-policy *policy-name* to zone *zone-name*.
Description:	Failed to unbind policy-based route *policy-name* from zone *zone-name*.
Solution:	Check the binding relationship between the zone and policy-based route.

ID:	0x432c631a
Type:	Network
Severity:	Errors
Message:	Failded to unbind pbr-policy *policy-name* to virtual router *VR-name*.
Description:	Failed to unbind policy-based route *policy-name* from VRouter *VR-name*.
Solution:	Check the binding relationship between the VRouter and policy-based route.

ID:	0x432c661b
Type:	Network
Severity:	Informational
Message:	pbr-policy *policy-name* match id *ID* received message about interface *interface-name*'s physical link up
Description:	PBR rule *ID* in policy-based route *policy-name* received a message from interface *interface-name*, informing the physical link of the interface is connected.
Solution:	N/A

ID:	0x432c661c
Type:	Network
Severity:	Informational
Message:	pbr-policy *policy-name* match id *ID* received message about interface *interface-name*'s physical link down.
Description:	PBR rule *ID* in policy-based route *policy-name* received a message from interface *interface-name*, informing the physical link of the interface is disconnected.
Solution:	N/A

ID:	0x432c661d
Type:	Network
Severity:	Informational
Message:	br-policy *policy-name* match id *ID* received message about interface *interface-name*'s protocol up.
Description:	PBR rule *ID* in policy-based route *policy-name* received a message from interface *interface-name*, informing the protocol of the interface is enabled.
Solution:	N/A

ID:	0x432c661e
Type:	Network
Severity:	Informational
Message:	pbr-policy *policy-name* match id *ID* received message about interface *interface-name*'s protocol down.
Description:	PBR rule *ID* in policy-based route *policy-name* received a message from interface *interface-name*, informing the protocol of the interface is disabled.
Solution:	N/A

ID:	0x43406601
Type:	Network
Severity:	Informational
Message:	Enable policy based route lookup.
Description:	Policy-based route lookup was enabled.
Solution:	N/A

ID:	0x43406602
Type:	Network
Severity:	Informational
Message:	Enable source ingress interface based route lookup.
Description:	Source interface based route lookup was enabled.
Solution:	N/A

ID:	0x43406603
Type:	Network
Severity:	Informational
Message:	Enable source based route lookup.
Description:	Source based route lookup was enabled.
Solution:	N/A

ID:	0x43406604
Type:	Network
Severity:	Informational
Message:	Disable policy based route lookup.

Description:	Policy-based route lookup was disabled.
Solution:	N/A

ID:	0x43406605
Type:	Network
Severity:	Informational
Message:	Disable source ingress interface based route lookup.
Description:	Source interface based route lookup was disabled.
Solution:	N/A

ID:	0x43406606
Type:	Network
Severity:	Informational
Message:	Disable source based route lookup.
Description:	Source based route lookup was disabled.
Solution:	N/A

ID:	0x43406607
Type:	Network
Severity:	Informational
Message:	Create virtual router *VR-name*.
Description:	VRouter *VR-name* was created.
Solution:	N/A

ID:	0x43406608
Type:	Network
Severity:	Informational
Message:	Delete virtual router *VR-name*.
Description:	VRouter *VR-name* was deleted.
Solution:	N/A

ID:	0x43406609
Type:	Network
Severity:	Informational
Message:	Enable destination ingress interface based route lookup.
Description:	Enable route lookup for destatination interface.
Solution:	N/A

ID:	0x4340660a
Type:	Network
Severity:	Informational
Message:	Disable destination ingress interface based route lookup.
Description:	Disable route lookup for destination interface.

Solution:	N/A

ID:	0x43146201
Type:	Network
Severity:	Critical
Message:	BGP instance limit exceeded for VRouter *vrouter-name*, create BGP instance failed.
Description:	The number of BGP instances in VRouter *vrouter-name* exceeded the maximum limit. Failed to create the BGP instance.
Solution:	Try to delete some BGP instances from the system.

ID:	0x43146202
Type:	Network
Severity:	Critical
Message:	BGP route limit exceeded for VRouter *vroute-name*, BGP route dropped.
Description:	The number of BGP routes in VRouter *vrouter-name* exceeded the maximum limit. The BGP route was dropped.
Solution:	Try to delete some BGP routes from the system.

ID:	0x43146203
Type:	Network
Severity:	Critical
Message:	BGP peer limit exceeded for VRouter *vrouter-name*, create BGP peer failed.
Description:	The number of BGP peers in VRouter *vrouter-name* exceeded the maximum limit. Failed to create the BGP peer.
Solution:	Try to delete some BGP peers from the system.

ID:	0x43146241
Type:	Network
Severity:	Critical
Message:	BGP instance limit exceeded for VR *vrouter_name* and failed to create BGP instance.
Description:	In the VRouter (*vrouter name*), the BGP instances have exceeded the maximum number. The BGP instance failed to be created.
Solution:	Decrease the number of BGP instances for the system.

ID:	0x43146243
Type:	Network
Severity:	Critical
Message:	BGP peer limit exceeded for VR *vrouter_name* and failed to create BGP peer.

Description:	VRouter (*vrouter name*), the BGP peers have exceeded the maximum number. BGP peer failed to be created.
Solution:	Decrease the number of BGP peers for the system.

ID:	0x43146604
Type:	Network
Severity:	Informational
Message:	BGP instance in virtual router *vrouter-name* was created.
Description:	BGP instance was created in VRouter *vrouter-name.*
Solution:	N/A

ID:	0x43146605
Type:	Network
Severity:	Informational
Message:	BGP instance in virtual router *vrouter-name* was removed.
Description:	BGP instance was deleted from VRouter *vrouter-name.*
Solution:	N/A

ID:	0x43146606
Type:	Network
Severity:	Informational
Message:	BGP neighbor *ip-address* remote-as *number* in virtual router *vrouter name* added.
Description:	BGP neighbor *IP-address* was added to Autonomous System *number* in VRouter *vrouter name.*
Solution:	N/A

ID:	0x43146607
Type:	Network
Severity:	Informational
Message:	BGP neighbor *ip-address* in virtual router *vrouter-name* removed.
Description:	BGP neighbor *IP-address* was deleted from VRouter *vrouter name.*
Solution:	N/A

ID:	0x43146608
Type:	Network
Severity:	Informational
Message:	BGP network *ip-address* in virtual router *vrouter-name* added.
Description:	BGP network *ip-address* was added to BGP instance in VRouter *vrouter-name.*
Solution:	N/A

ID:	0x43146609
Type:	Network
Severity:	Informational
Message:	BGP network *ip-address* in virtual router *vrouter-name* removed.
Description:	BGP network *ip-address* was deleted from BGP instance in VRouter *vrouter-name.*
Solution:	N/A

ID:	0x4314660a
Type:	Network
Severity:	Informational
Message:	Set BGP router-id *router-id* in virtual router *vrouter-name*.
Description:	Set BGP Router ID *router-id* in VRouter *vrouter-name*.
Solution:	N/A

ID:	0x4314660b
Type:	Network
Severity:	Informational
Message:	Unset BGP router-id in virtual router *vrouter-name*.
Description:	Unset BGP Router ID *router-id* in VRouter *vrouter-name*.
Solution:	N/A

ID:	0x4314660c
Type:	Network
Severity:	Informational
Message:	Set BGP timers *keepalive holddown* in virtual router *vrouter-name*.
Description:	Set keepalive time *keepalive* and holddown time *holddown* for BGP timer in VRouter *vrouter-name*.
Solution:	N/A

ID:	0x4314660d
Type:	Network
Severity:	Informational
Message:	Unset BGP timers in virtual router *vrouter-name*.
Description:	Unset BGP timer in VRouter *vrouter-name*.
Solution:	N/A

ID:	0x4314660e
Type:	Network
Severity:	Informational
Message:	Set BGP distance *ebgp-distance ibgp-distance local-distance* in virtual router *vrouter-name*.

Description:	Set BGP distance in VRouter *vrouter-name*, including EBGP route management distance *ebgp-distance*, IBGP route management distance *ibgp-distance* and local route management distance *local-distance.*
Solution:	N/A

ID:	0x4314660f
Type:	Network
Severity:	Informational
Message:	Unset BGP distance in virtual router *vrouter-name*.
Description:	Unset BGP management distance in VRouter *vrouter-name*.
Solution:	N/A

ID:	0x43146610
Type:	Network
Severity:	Informational
Message:	Set BGP aggregate *aggregate-address* in virtual router *vrouter-name*.
Description:	Set BGP aggregate address *aggregate-address* in VRouter *vrouter-name*.
Solution:	N/A

ID:	0x43146611
Type:	Network
Severity:	Informational
Message:	Unset BGP aggregate *aggregate-address* in virtual router *vrouter-name*.
Description:	Unset BGP aggregate address *aggregate-address* in VRouter *vrouter-name*.
Solution:	N/A

ID:	0x43146612
Type:	Network
Severity:	Informational
Message:	Set BGP redistribute *protocol-type* in virtual router *vrouter-name*.
Description:	Set BGP redistribute *protocol-type* in VRouter *vrouter-name*.
Solution:	N/A

ID:	0x43146613
Type:	Network
Severity:	Informational
Message:	Unset BGP redistribute *protocol-type* in virtual router *vrouter-name*.
Description:	Unset BGP redistribute *protocol-type* in VRouter *vrouter-name*.

Solution:	N/A

ID:	0x43146614
Type:	Network
Severity:	Informational
Message:	Set BGP redistribute *protocol-type* metric *value* in virtual router *vrouter-name*.
Description:	Set metric value *value* for BGP redistribute *protocol-type* in VRouter *vrouter-name*.
Solution:	N/A

ID:	0x43146615
Type:	Network
Severity:	Informational
Message:	Unset BGP redistribute *protocol-type* metric *value* in virtual router *vrouter-name*.
Description:	Unset metric value *value* for BGP redistribute *protocol-type* in VRouter *vrouter-name*.
Solution:	N/A

ID:	0x43146616
Type:	Network
Severity:	Informational
Message:	Create BGP neighbor *peer-group-name* peer-group in virtual router *vrouter-name*.
Description:	BGP peer group *peer-group-name* was created in VRouter *vrouter-name*.
Solution:	N/A

ID:	0x43146617
Type:	Network
Severity:	Informational
Message:	Delete BGP neighbor *peer-group-name* peer-group in virtual router *vrouter-name*.
Description:	BGP peer group *peer-group-name* was deleted from VRouter *vrouter-name*.
Solution:	N/A

ID:	0x43146618
Type:	Network
Severity:	Informational
Message:	Bind BGP neighbor *ip-address* peer-group *peer-group-name* in virtual router *vrouter-name*.
Description:	BGP neighbor *ip-address* in VRouter *vrouter-name* was bound to peer group *peer-group-name*.
Solution:	N/A

ID:	0x43146619
Type:	Network
Severity:	Informational
Message:	Unbind BGP neighbor *ip-address* peer-group *peer-group-name* in virtual router *vrouter-name*.
Description:	BGP neighbor *ip-address* in VRouter *vrouter-name* was unbound from peer group *peer-group-name*.
Solution:	N/A

ID:	0x4314661c
Type:	Network
Severity:	Informational
Message:	Set BGP neighbor *ip-address* activate in virtual router *vrouter-name.*
Description:	BGP neighbor *ip-address* in VRouter *vrouter-name* was activated*.*
Solution:	N/A

ID:	0x4314661d
Type:	Network
Severity:	Informational
Message:	Unset BGP neighbor *ip-address* activate in virtual router *vrouter-name.*
Description:	BGP neighbor *ip-address* in VRouter *vrouter-name* was deactivated*.*
Solution:	N/A

ID:	0x4314661e
Type:	Network
Severity:	Informational
Message:	Set BGP neighbor *ip-address* description *description* in virtual router *vrouter-name.*
Description:	Set description *description* for BGP neighbor *ip-address* in VRouter *vrouter-name.*
Solution:	N/A

ID:	0x4314661f
Type:	Network
Severity:	Informational
Message:	Unset BGP neighbor *ip-address* description *description* in virtual router *vrouter-name.*
Description:	Unset description *description* for BGP neighbor *ip-address* in VRouter *vrouter-name.*
Solution:	N/A

ID:	0x43146620
Type:	Network
Severity:	Informational
Message:	Set BGP neighbor *ip-address* default-originate in virtual router *vrouter-name.*
Description:	Enabled information originate for BGP neighbor *IP-address* in VRouter *vrouter-name.*
Solution:	N/A

ID:	0x43146621
Type:	Network
Severity:	Informational
Message:	Unset BGP neighbor *ip-address* default-originate in virtual router *vrouter-name.*
Description:	Disabled information originate for BGP neighbor *IP-address* in VRouter *vrouter-name.*
Solution:	N/A

ID:	0x43146622
Type:	Network
Severity:	Informational
Message:	Set BGP neighbor *ip-address* timers *keepalive holddown* in virtual router *vrouter-name*.
Description:	Set keepalive time *keepalive* and holddown time *holddown* for BGP timer of BGP neighbor *IP-address* in VRouter *vrouter-name*.
Solution:	N/A

ID:	0x43146623
Type:	Network
Severity:	Informational
Message:	Unset BGP neighbor *ip-address* timers in virtual router *vrouter-name*.
Description:	Unset BGP timer for BGP neighbor *IP-address* in VRouter *vrouter-name*.
Solution:	N/A

ID:	0x43146624
Type:	Network
Severity:	Informational
Message:	Set BGP neighbor *ip-address* shutdown in virtual router *vrouter-name*.
Description:	BGP neighbor *ip-address* in VRouter *vrouter-name* was disabled.
Solution:	N/A

ID:	0x43146625
Type:	Network
Severity:	Informational
Message:	Unset BGP neighbor *ip-address* shutdown in virtual router *vrouter-name*.
Description:	BGP neighbor *ip-address* in VRouter *vrouter-name* was enabled.
Solution:	N/A

ID:	0x43146626
Type:	Network
Severity:	Informational
Message:	Set BGP neighbor *ip-address* next-hop-self in virtual router *vrouter-name*.
Description:	Set next-hop-self for BGP neighbor *ip-address* in VRouter *vrouter-name.*
Solution:	N/A

ID:	0x43146627
Type:	Network
Severity:	Informational
Message:	Unset BGP neighbor *ip-address* next-hop-self in virtual router *vrouter-name*.
Description:	Unset next-hop-self for BGP neighbor *ip-address* in VRouter *vrouter-name.*
Solution:	N/A

ID:	0x43146628
Type:	Network
Severity:	Informational
Message:	Set BGP neighbor *ip-address* update-source *interface-name* in virtual router *vrouter-name*.
Description:	Set update-source interface *interface-name* for BGP neighbor *ip-address* in VRouter *vrouter-name.*
Solution:	N/A

ID:	0x43146629
Type:	Network
Severity:	Informational
Message:	Unset BGP neighbor *ip-address* update-source in virtual router *vrouter-name*.
Description:	Unset update-source interface for BGP neighbor *ip-address* in VRouter *vrouter-name.*
Solution:	N/A

ID:	0x4314662a

Type:	Network
Severity:	Informational
Message:	Set BGP default-metric *value* in virtual router *vrouter-name*.
Description:	Set default BGP metric value *value* in VRouter *vrouter-name*.
Solution:	N/A

ID:	0x4314662b
Type:	Network
Severity:	Informational
Message:	Unset BGP default-metric *value* in virtual router *vrouter-name*.
Description:	Unset default BGP metric value *value* in VRouter *vrouter-name*.
Solution:	N/A

ID:	0x4314662c
Type:	Network
Severity:	Informational
Message:	%%NOTIFICATION: *direction* neighbor *ip-address* code (*code* - *message*), subcode (*code* - *message*), *number* bytes *content* in virtual router *vrouter-name*.
Description:	Notification of an event, including the direction of BGP neighbor, code, sub-code and byte.
Solution:	N/A

ID:	0x4314662d
Type:	Network
Severity:	Informational
Message:	%%ADJCHANGE: neighbor *ip-address* Down *reason* in virtual router *vrouter-name*.
Description:	Neighbor *ip-address* in VRouter *vrouter-name* was unavailable due to *reason*.
Solution:	N/A

ID:	0x4314662e
Type:	Network
Severity:	Informational
Message:	%%ADJCHANGE: neighbor *ip-address* Up in virtual router *vrouter-name*.
Description:	Neighbor *ip-address* in VRouter *vrouter-name* was available.
Solution:	N/A

ID:	0x4314622f
Type:	Network

Severity:	Critical
Message:	BGP peer group limit exceeded for VRouter *vrouter-name*, create BGP peer group failed.
Description:	The number of BGP peer groups in VRouter vrouter-name exceeded the maximum limit. Failed to create the BGP peer group.
Solution:	The number of BGP peer groups exceeded the maximum limit. Delete some BGP peer groups and re-configure.

ID:	0x431c060e
Type:	Event
Severity:	Informational
Message:	SmartDNS: link(isp-network/interface) *isp_name*/*if_name*, *src_ip* -> *dst_domain*, response *response*.
Description:	SmartDNS resolved domain name *dst_domain* based on source IP's (*src_ip*) corresponding ISP static address (*isp_name*) or interface proximity address (*if_name*), and returned response *response*.
Solution:	N/A

ID:	0x431c060f
Type:	Event
Severity:	Informational
Message:	SmartDNS: Unknown link, *src_ip* -> *dst_domain*, response default: *response*.
Description:	SmartDNS failed to determine the link for the requests originating from source IP *src_ip*, resolved *dst_domain* to the default value and returned response *response*.
Solution:	N/A

ID:	0x4314663a
Type:	Network
Severity:	Informational
Message:	Set ebgp-multihop ttl *ttl* for BGP neighbor {*peer-IP-address* | *peer-group-name*} in virtual router *vrouter-name.*
Description:	In virtual router *vrouter-name,* EBGP multihop for BGP neighbor {*peer-IP-address* | *peer-group-name*} was set to *ttl*.
Solution:	N/A

ID:	0x4314663b
Type:	Network
Severity:	Informational
Message:	Unset ebgp-multihop ttl for BGP neighbor {*peer-IP-address* | *peer-group-name*} in virtual router *vrouter-name.*

Description:	In virtual router *vrouter-name,* EBGP multihop for BGP neighbor {*peer-IP-address* | *peer-group-name*} was unset.
Solution:	N/A

ID:	0x43146630
Type:	Network
Severity:	Informational
Message:	Set BGP redistribute *protocol* and route-map *rmap_name* in virtual router *vrouter-name*.
Description:	The system set the BGP redistribute *protocol-type* and used the route map *rmap_name* to filter the route information.
Solution:	N/A

ID:	0x43146631
Type:	Network
Severity:	Informational
Message:	Set metric *value* for BGP redistribute *protocol* and route-map *rmap_name* in virtual router *vrouter-name*.
Description:	The system set the metric value *value* of the BGP redistribute *protocol-type*, and used the route map *rmap_name* to filter the route information.
Solution:	N/A

ID:	0x43146632
Type:	Network
Severity:	Informational
Message:	Set route-map *rmap_name* for BGP neighbor {*peer-IP-address* | *peer-group-name*} in *direction* in virtual router *vrouter-name*.
Description:	The system used the route map *rmap_name* to filter the route information that was introduced/issued by the BGP neighbor {*peer-IP-address* | *peer-group-name*}. If the route information was introduced, the direction is *in*; if the route information was issued, the direction is *out*.
Solution:	N/A

ID:	0x43146633
Type:	Network
Severity:	Informational
Message:	Unset route-map for BGP neighbor {*peer-IP-address* | *peer-group-name*} in virtual router *vrouter-name*.
Description:	The system cancelled the route map settings for the BGP neighbor {*peer-IP-address* | *peer-group-name*}
Solution:	N/A

ID:	0x43146634

Type:	Network
Severity:	Informational
Message:	Set advertised standard community for BGP neighbor {*peer-IP-address* | *peer-group-name*} in virtual router *vrouter-name.*
Description:	The system set the advertised standard community attribute of the BGP neighbor {*peer-IP-address*|*peer-group-name*}.
Solution:	N/A

ID:	0x43146635
Type:	Network
Severity:	Informational
Message:	Set advertised extended community for BGP neighbor {*peer-IP-address* | *peer-group-name*} in virtual router *vrouter-name.*
Description:	The system set the advertised extension community attribute of the BGP neighbor {*peer-IP-address*|*peer-group-name*}.
Solution:	N/A

ID:	0x43146636
Type:	Network
Severity:	Informational
Message:	Set advertised standard and extended community for BGP neighbor {*peer-IP-address* | *peer-group-name*} in virtual router *vrouter-name.*
Description:	The system set the advertised extension community attribute and the advertised standard community attribute of the BGP neighbor {*peer-IP-address*|*peer-group-name*}.
Solution:	N/A

ID:	0x43146637
Type:	Network
Severity:	Informational
Message:	Unset advertised community for BGP neighbor {*peer-IP-address* | *peer-group-name*} in virtual router *vrouter-name.*
Description:	The system cancelled the advertised standard community attribute of the BGP neighbor {*peer-IP-address*|*peer-group-name*}.
Solution:	N/A

ID:	0x43146638
Type:	Network
Severity:	Informational
Message:	Set filter-list *list_name* in *direction* for BGP neighbor {*peer-IP-address* | *peer-group-name*} in virtual router

	vrouter-name.
Description:	The system used the filter list *list name* to filter the route information that was introduced/issued by the BGP neighbor {*peer-IP-address* | *peer-group-name*}. If the route information was introduced, the direction is *in*; if the route information was issued, the direction is *out*.
Solution:	N/A

ID:	0x43146639
Type:	Network
Severity:	Informational
Message:	Unset filter-list for BGP neighbor {*peer-IP-address* | *peer-group-name*} in virtual router *vrouter-name*.
Description:	The system cancelled the filter list settings for the BGP neighbor {*peer-IP-address* | *peer-group-name*}.
Solution:	N/A

ID:	0x4314663c
Type:	Network
Severity:	Informational
Message:	BGP instance *as-number* in VR *vrouter-name* is created.
Description:	Successfully created a new BGP autonomous system *as-number* in the virtual router *vrouter-name*.
Solution:	N/A

ID:	0x4314663d
Type:	Network
Severity:	Informational
Message:	BGP peer group *peer-group-name* of AS *as-number* specified in VR *vrouter-name*.
Description:	In the virtual router *vrouter-name*, the system added a BGP neighbor for the autonomous system *as-number.*
Solution:	N/A

ID:	0x4314663e
Type:	Network
Severity:	Informational
Message:	Set BGP local router-id *router-id* in virtual router *vrouter-name*.
Description:	In the virtual router *vrouter-name*, the system set the BGP router ID *router-id*.
Solution:	N/A

ID:	0x4314663f
Type:	Network
Severity:	Informational

Message:	Unset BGP local router-id in virtual router *vrouter-name.*
Description:	The system cancelled the local ID of the BGP router *router-id*.
Solution:	N/A

ID:	0x43146640
Type:	Network
Severity:	Informational
Message:	BFD is only supported for single hop neighbors. {*peer-IP-address* | *peer-group-name*} is not single hop neighbor*.*
Description:	BFD only supports the neighbors within single hop.{*peer-IP-address* | *peer-group-name*} is not a neighbor within single hop.
Solution:	N/A

ID:	0x467c0601
Type:	Event
Severity:	Informational
Message:	Detect *destination-IP* via interface *out-interface*, latency = *delay-times*ms.
Description:	The out interface *out-interface* detected the *destination-IP and* latency = *delay-times*ms.
Solution:	N/A

ID:	0x467c0602
Type:	Event
Severity:	Informational
Message:	Detect *destination-IP* via interface *out-interface*, latency < 1ms.
Description:	The out interface *out-interface* detected the *destination-IP and* latency < *delay-times*ms.
Solution:	N/A

ID:	0x467c0603
Type:	Event
Severity:	Informational
Message:	Detect *destination-IP* via interface *out-interface*, timeout.
Description:	The out interface *out-interface* detected the *destination-IP and* timeout.
Solution:	N/A

ID:	0x43146644
Type:	Network
Severity:	Informational

Message:	BGP neighbor *neighbor* remote AS *remote_as* in VR *vrouter_name* added.
Description:	In the VRouter (*vrouter name*), add BGP neighbor to remote AS.
Solution:	N/A

ID:	0x43146645
Type:	Network
Severity:	Informational
Message:	Delete BGP neighbor *peer-group* peer group in VR *vrouter_name.*
Description:	In the VRouter (*vrouter name*), delete BGP neighbor from peer group.
Solution:	N/A

ID:	0x43146646
Type:	Network
Severity:	Informational
Message:	Unbind BGP neighbor *neighbor* peer group *peer_group* in VR *vrouter_name.*
Description:	In the VRouter (*vrouter name*), unbind BGP neighbor from peer group.
Solution:	N/A

ID:	0x43146647
Type:	Network
Severity:	Informational
Message:	Set BGP neighbor *neighbor* default originate in VR *vrouter_name*.
Description:	In the VRouter (*vrouter name*), configure the default routing for BGP neighbor.
Solution:	N/A

ID:	0x43146648
Type:	Network
Severity:	Informational
Message:	Unset BGP neighbor *neighbor* default originate in VR *vrouter_name*.
Description:	In the VRouter (*vrouter name*), unset the default originate routing of BGP neighbor.
Solution:	N/A

ID:	0x43146649
Type:	Network
Severity:	Informational
Message:	Set BGP default metric *default_metric* in VR *vrouter_name*.
Description:	In the VRouter (*vrouter name*), configure the default mertric for BGP route.
Solution:	N/A

ID:	0x43146618
Type:	Network
Severity:	Informational
Message:	BGP peer *neighbor* is bound to the peer group *peer_group* in VR *vrouter_name*.
Description:	In the VRouter (*vrouter name*), BGP peer is bound to the peer group.
Solution:	N/A

ID:	0x43706201
Type:	Network
Severity:	Critical
Message:	RIPng database size limit exceeded for *vrouter-name*, RIPng route dropped.
Description:	In virtual router *vrouter-name*, since the RIPng database size has exceeded the limit, the RIPng instance drops the RIPng route.
Solution:	N/A

ID:	0x43706302
Type:	Network
Severity:	Errors
Message:	RIPng in virtual router *vrouter-name* joining multicast failed.
Description:	Failed to add the RIPng instance in the virtual router *vrouter-name* to the multicast.
Solution:	N/A

ID:	0x43706303
Type:	Network
Severity:	Errors
Message:	RIPng in virtual router *vrouter-name* leaving multicast failed.
Description:	Failed to make the RIPng instance in virtual router *vrouter-name* leave the multicast.
Solution:	N/A

ID:	0x43706604
Type:	Network
Severity:	Informational
Message:	RIPng instance in virtual router *vrouter-name* was created.
Description:	Create a RIP instance in virtual router *vrouter-name*.
Solution:	N/A

ID:	0x43706605
Type:	Network
Severity:	Informational
Message:	RIPng instance in virtual router *vrouter-name* was removed.
Description:	Delete the RIP instance in virtual router *vrouter-name*.
Solution:	N/A

ID:	0x43706606
Type:	Network
Severity:	Informational
Message:	Set virtual router *vrouter-name* with the configuration command *command*.
Description:	Use the configuration command *command* to set the virtual router *vrouter-name*.
Solution:	N/A

ID:	0x43706607
Type:	Network
Severity:	Informational
Message:	RIPng in virtual router *vrouter-name* joined multicast.
Description:	Add the RIPng instance in the virtual router *vrouter-name* to the multicast.
Solution:	N/A

ID:	0x43706608
Type:	Network
Severity:	Informational
Message:	RIPng in virtual router *vrouter-name* leaved multicast.
Description:	Make the RIPng instance in virtual router *vrouter-name* leave the multicast.
Solution:	N/A

ID:	0x43746601
Type:	Network
Severity:	Informational
Message:	OSPFv3 set the VR *vrouter-name* with the configuration

	command *command*
Description:	Use the configuration command *command* to set the virtual router *vrouter-name*.
Solution:	N/A

ID:	0x43740202
Type:	Event
Severity:	Critical
Message:	Status of OSPFv3 neighbor *router ID* on *interface-name* changed from loading to full because the loading was finished.
Description:	Since the routing information has exchanged, the status of the neighbor router *router ID* has changed from loading to full on the interface *interface-name*.
Solution:	N/A

ID:	0x43740203
Type:	Event
Severity:	Critical
Message:	Status of OSPFv3 neighbor *router-id* on *interface-name* changed from full to down because interface was down or detached.
Description:	Since the interface was closed or detached, the status of the neighbor router *router ID* has changed from full to down on the interface *interface-name*.
Solution:	N/A

ID:	0x4314664a
Type:	Network
Severity:	Informational
Message:	Unset BGP default metric in VR *vrouter_name*.
Description:	In the VRouter (vrouter name), cancel BGP default metric.
Solution:	N/A

ID:	0x4314664b
Type:	Network
Severity:	Informational
Message:	NOTIFICATION: *direction* neighbor *neighbor* code (*code-code_message*), sub-code (*subcode - subcode_message*), *notify_len* bytes *notify_data* in VR *vrouter_name*.
Description:	
Solution:	????????

ID:	0x4314664c
Type:	Network
Severity:	Informational

Message:	Failed to actively open BGP connection, update-source is not available.
Description:	Failed to activate the IPv6 BGP connection. The update-source is not available.
Solution:	N/A

ID:	0x4314664d
Type:	Network
Severity:	Informational
Message:	Set BGP redistribute *IPv6/IPv4 unicast address type* route from *protocol-type* in virtual router *vrouter-name*.
Description:	In virtual router *vrouter-name*, StoneOS redistributes the *IPv6/IPv4 unicast address type* route from the protocol *protocol-type*.
Solution:	N/A

ID:	0x4314664e
Type:	Network
Severity:	Informational
Message:	Set BGP redistribute *IPv6/IPv4 unicast address type* route from protocol-type metric *value* in virtual router *vrouter-name.*
Description:	In virtual router *vrouter-name*, StoneOS redistributes the *IPv6/IPv4 unicast address type* route from the protocol *protocol-type* and sets the metric value *value* for the redistributed route.
Solution:	N/A

ID:	0x4314664f
Type:	Network
Severity:	Informational
Message:	Unset BGP redistribute *IPv6/IPv4 unicast address type* route from *protocol-type* in virtual router *vrouter-name*.
Description:	In virtual router *vrouter-name*, StoneOS cancel the *IPv6/IPv4 unicast address type* route redistributed from the protocol *protocol-type*.
Solution:	N/A

ID:	0x43146650
Type:	Network
Severity:	Informational
Message:	Set BGP neighbor *IP-address* activate *IPv6/IPv4 unicast address type* in virtual router *vrouter-name*.
Description:	In virtual router *vrouter-name*, activate the BGP neighbor *ip-address*.
Solution:	N/A

ID:	0x43146651
Type:	Network
Severity:	Informational
Message:	Unset BGP neighbor *IP-address* activate *IPv6/IPv4 unicast address type* in virtual router *vrouter-name*.
Description:	In virtual router *vrouter-name*, deactivate the BGP neighbor *ip-address*.
Solution:	N/A

ID:	0x43146652
Type:	Network
Severity:	Informational
Message:	Create *IPv6/IPv4 unicast address type* address family in virtual router *vrouter-name*.
Description:	In virtual router *vrouter-name*, create a *IPv6/IPv4 unicast address type* address family.
Solution:	N/A

ID:	0x43146653
Type:	Network
Severity:	Informational
Message:	Delete *IPv6/IPv4 unicast address type* address family in virtual router *vrouter-name*.
Description:	In virtual router *vrouter-name*, delete a *IPv6/IPv4 unicast address type* address family.
Solution:	N/A

ID:	0x43146654
Type:	Network
Severity:	Informational
Message:	Set BGP neighbor *IP-address* default-originate on *IPv6/IPv4 unicast address type* route in virtual router *vrouter-name*.
Description:	In virtual router *vrouter-name*, set the BGP neighbor *IP-address* to send the default route of *IPv6/IPv4 unicast address type*.
Solution:	N/A

ID:	0x43146655
Type:	Network
Severity:	Informational
Message:	Unset BGP neighbor *IP-address* default-originate on *IPv6/IPv4 unicast address type* route in virtual router *vrouter-name*.
Description:	In virtual router *vrouter-name*, set the BGP neighbor *IP-address* to not send the default route of *IPv6/IPv4 unicast address type*.

Solution:	N/A

ID:	0x43146656
Type:	Network
Severity:	Informational
Message:	Set BGP neighbor *IP-address IPv6/IPv4 unicast address type* next-hop-self in virtual router *vrouter-name*.
Description:	In virtual router *vrouter-name*, set the next-hop-self address of BGP neighbor *IP-address* as *IPv6/IPv4 unicast address type*.
Solution:	N/A

ID:	0x43146657
Type:	Network
Severity:	Informational
Message:	Unset BGP neighbor *IP-address IPv6/IPv4 unicast address type* next-hop-self in virtual router *vrouter-name*.
Description:	In virtual router *vrouter-name*, unset the next-hop-self address of BGP neighbor *IP-address* as *IPv6/IPv4 unicast address type*.
Solution:	N/A

ID:	0x43146658
Type:	Network
Severity:	Informational
Message:	Set advertised standard community for *IPv6/IPv4 unicast address type* route to BGP neighbor *IP-address* in virtual router *vrouter-name*.
Description:	In virtual router *vrouter-name*, set to send the standard community path attributes for *IPv6/IPv4 unicast address type* route to the BGP neighbor *IP-address*.
Solution:	N/A

ID:	0x43146659
Type:	Network
Severity:	Informational
Message:	Set advertised extended community for *IPv6/IPv4 unicast address type* route to BGP neighbor *IP-address* in virtual router *vrouter-name*.
Description:	In virtual router *vrouter-name*, set to send the extended community path attributes for *IPv6/IPv4 unicast address type* route to the BGP neighbor *IP-address*.
Solution:	N/A

ID:	0x4314665a
Type:	Network
Severity:	Informational

Message:	Set advertised standard and extended community for *IPv6/IPv4 unicast address type* route to BGP neighbor *IP-address* in virtual router *vrouter-name*.
Description:	In virtual router *vrouter-name*, set to send the standard and extended community path attributes for *IPv6/IPv4 unicast address type* route to the BGP neighbor *IP-address*.
Solution:	N/A

ID:	0x4314665b
Type:	Network
Severity:	Informational
Message:	Unset advertised community for *IPv6/IPv4 unicast address type* route to BGP neighbor *IP-address* in virtual router *vrouter-name.*
Description:	In virtual router *vrouter-name*, set to not send the standard community path attributes for *IPv6/IPv4 unicast address type* route to the BGP neighbor *IP-address*.
Solution:	N/A

ID:	0x4314665c
Type:	Network
Severity:	Informational
Message:	Set BGP *IPv6/IPv4 unicast address type* distance *ebgp-distance ibgp-distance local-distance* in virtual router *vrouter-name*.
Description:	In virtual router *vrouter-name*, set the administrative distance for the *IPv6/IPv4 unicast address type* route, including the EBGP administrative distance (*ebgp-distance*), IBGP administrative distance (*ibgp-distance*), and local route administrative distance (local-distance).
Solution:	N/A

ID:	0x4314665d
Type:	Network
Severity:	Informational
Message:	Unset BGP *IPv6/IPv4 unicast address type* distance in virtual router *vrouter-name*.
Description:	In virtual router *vrouter-name*, set the administrative distance for the *IPv6/IPv4 unicast address type* route as the default value.
Solution:	N/A

ID:	0x4314665e
Type:	Network
Severity:	Informational
Message:	Set BGP neighbor *IP-address IPv6/IPv4 unicast address type* maximum-prefix *value optional* in virtual router

	vrouter-name.
Description:	Set the maximum prefix numbers *value* of *IPv6/IPv4 unicast address type* that can be received from the BGP neighbor *IP-address*. Other options are *optional*.
Solution:	N/A

ID:	0x4314665f
Type:	Network
Severity:	Informational
Message:	Unset BGP neighbor *IP-address IPv6/IPv4 unicast address type* maximum-prefix *value optional* in virtual router *vrouter-name*.
Description:	Unset the maximum prefix numbers *value* of *IPv6/IPv4 unicast address type* that can be received from the BGP neighbor *IP-address*. Other options are *optional*.
Solution:	N/A

ID:	0x43146660
Type:	Network
Severity:	Informational
Message:	MAXPFX: No. of *IPv6/IPv4 unicast address type* prefix received from *neighbor IP-address* reaches *prefix length*, max *length* in virtual router *vrouter-name*.
Description:	In virtual router *vrouter-name*, the prefix length of *IPv6/IPv4 unicast address type* received from the neighbor *IP-address* reaches *value*. The maximum prefix length is *value*.
Solution:	N/A

ID:	0x43146661
Type:	Network
Severity:	Informational
Message:	MAXPFX: No. of *IPv6/IPv4 unicast address type* prefix received from *neighbor IP-address* exceed limit *max length* in virtual router *vrouter-name*.
Description:	In virtual router *vrouter-name*, the prefix length of *IPv6/IPv4 unicast address type* received from the neighbor *IP-address* reaches *value*, and this value exceeds the maximum prefix length
Solution:	N/A

ID:	0x43146662
Type:	Network
Severity:	Informational
Message:	Set BGP default information originate in VR *vrouter-name*.
Description:	Set BGP default information originate in VRouter *vrouter-name*.

Solution:	N/A

ID:	0x43146663
Type:	Network
Severity:	Informational
Message:	Unset BGP default information originate in VR *vrouter-name*.
Description:	Unset BGP default information originate in VRouter *vrouter-name*.
Solution:	N/A

ID:	0x43786601
Type:	Network
Severity:	Informational
Message:	ISIS set the VR *vrouter-name* with the configuration command *command*
Description:	Use the command *command* to configure the VR *vrouter-name* for IS-IS.
Solution:	N/A

ID:	0x43780202
Type:	Event
Severity:	Critical
Message:	ISIS: adjacency to *neighbor* (*interface_name*) changed from *status* to *status.*
Description:	In IS-IS, the adjacency to the *neighbor* (*interface-name*) changed from *status* to *status*.
Solution:	N/A

ID:	0x43780303
Type:	Event
Severity:	Errors
Message:	ISIS: Duplicate system ID detected from *neighbor* (*interface-name*).
Description:	In IS-IS, detect a duplicate system ID from *neighbor* (*interface-name*).
Solution:	N/A

ID:	0x43780304
Type:	Event
Severity:	Errors
Message:	ISIS: Possible duplicate system ID *system-ID* detected.
Description:	In IS-IS, there might be a duplicate system ID *system-id*.
Solution:	N/A

RSTP

ID:	0x433c0504
Type:	Event
Severity:	Notifications
Message:	This stp bridge becomes root bridge: *bridge-id*.
Description:	STP bridge *bridge-id* became the root bridge.
Solution:	N/A

ID:	0x433c0502
Type:	Event
Severity:	Notifications
Message:	The interface *interface-name* becomes root port, root bridge is *bridge-id*.
Description:	The interface *interface-name* became the root port of root bridge *bridge-id.*
Solution:	N/A

ID:	0x433c0505
Type:	Event
Severity:	Notifications
Message:	The STP state of interface *interface-name* becomes *state*.
Description:	The interface *interface-name* entered the STP state *state*.
Solution:	N/A

Service/Application

ID:	0x44200601
Type:	Event
Severity:	Informational
Message:	Service *service-name* {add | delete}.
Description:	Service *service-name* was added to/delete from the system.
Solution:	N/A

ID:	0x44200602
Type:	Event
Severity:	Informational
Message:	Service group *service-group-name* {add | delete}.
Description:	Service group *service-group-name* was added to/deleted from the system.
Solution:	N/A

ID:	0x49080201
Type:	Event
Severity:	Critical
Message:	User defined *protocol-type* app signature memory usage beyond the limit.
Description:	User defined *protocol-type* app signature memory usage beyond the limit.
Solution:	N/A

ID:	0x44200602
Type:	Event
Severity:	Critical
Message:	Error allocating memory for user defined *protocol-type* app signature.
Description:	Error occurs when allocating memory for user defined *protocol-type* app signature.
Solution:	N/A

System Management

ID:	0x420c0a01
Type:	Event
Severity:	Critical
Message:	System reboot by *admin-name* via {Console | Telnet | SSH | HTTP | HTTPS}.
Description:	The device was rebooted by administrator *admin-name* via {Console | Telnet | SSH | HTTP | HTTPS}.
Solution:	N/A

ID:	0x420c0a02
Type:	Event
Severity:	Critical
Message:	System shutdown by *admin-name* via {Console | Telnet | SSH | HTTP | HTTPS}.
Description:	The device was shutdown by administrator *admin-name* via {Console | Telnet | SSH | HTTP | HTTPS}.
Solution:	N/A

ID:	0x420c040b
Type:	Event
Severity:	Warnings
Message:	Admin user *admin-name* logined through {Console | Telnet | SSH | HTTP | HTTPS}, the client IP is *IP address*.
Description:	The administrator *admin-name* whose IP address was *IP address* logged into the device via {Console | Telnet | SSH | HTTP | HTTPS}.
Solution:	N/A

ID:	0x420c0403
Type:	Event
Severity:	Warnings
Message:	Admin user *admin-name* failed to login through {Console | Telnet | SSH | HTTP | HTTPS}, and the client IP is *IP address*.
Description:	The administrator *admin-name* whose IP address was *IP address* failed to log into the device via {Console | Telnet | SSH | HTTP | HTTPS}.
Solution:	Check if the login attempt was an attack. If it was an attack, delete the login IP address from trusted host list.

ID:	0x42400506
Type:	Event
Severity:	Notifications
Message:	WebService client number exceeds max *max_num*.

Description:	The number of WebService clients exceeded the maximum values *max_num.*
Solution:	N/A

ID:	0x420c0404
Type:	Event
Severity:	Warnings
Message:	Deny request method, *request method*, URI *URI*, from *IP address*.
Description:	The HTTP request for URI *URI* using the method *request method* from the IP address *IP address* was denied.
Solution:	Check if the request was an attack. If it was an attack, delete the login IP address from trusted host list.

ID:	0x42400507
Type:	Event
Severity:	Notifications
Message:	Successfully connected to cloud server *server-name*.
Description:	The system connected to cloud server *server-name* successfully.
Solution:	N/A

ID:	0x42400508
Type:	Event
Severity:	Notifications
Message:	Connection lost from cloud server *server-name*.
Description:	The system lost connection to cloud server *server-name*.
Solution:	N/A

ID:	0x42400a09
Type:	Event
Severity:	Critical
Message:	Failed to bind webservice listen socket(port:999), *reason*.
Description:	The administrator failed to bind webservice listen socket with port 9999 due to the reason *reason*.
Solution:	N/A

ID:	0x420c0705
Type:	Event
Severity:	Debugging
Message:	Try to read POST data *number* times, failed.
Description:	The system failed to read POST data for *number* times.
Solution:	N/A

ID:	0x420c0706
Type:	Event
Severity:	Debugging
Message:	SSL try to write data *number* times failed, total written *number bytes*, errno *error-number*.
Description:	SSL has failed for *number times* times in writing data of total *number bytes*. The error ID is *error-number*.
Solution:	Check the network connection.

ID:	0x420c0407
Type:	Event
Severity:	Warnings
Message:	HTTP port is changed to *port-number*.
Description:	The HTTP port of the device changed to port *port-number*.
Solution:	N/A

ID:	0x420c0408
Type:	Event
Severity:	Warnings
Message:	HTTPS port is changed to *port-number*.
Description:	The HTTP port of the device changed to port *port-number*.
Solution:	N/A

ID:	0x420c0409
Type:	Event
Severity:	Warnings
Message:	HTTPS trust domain is changed to *trust-domain-name.*
Description:	The HTTPS trust domain changed to *trust-domain-name*.
Solution:	N/A

ID:	0x420c040c
Type:	Security
Severity:	Warnings
Message:	Connection number from *IP address* is beyond the limitation, close it.
Description:	Connections from IP address *IP address* exceeded the maximum connection limit, so the connections were closed.
Solution:	Check if the connection was an attack. If it was an attack, delete the login IP address from trusted host list.

ID:	0x420c040a
Type:	Event
Severity:	Warnings
Message:	Admin user *admin-name* logout through {Console | Telnet | SSH | HTTP | HTTPS}, the IP is *IP address*

Description:	The administrator *admin-name* logout through {Console | Telnet | SSH | HTTP | HTTPS} the IP is *IP address*.
Solution:	N/A

ID:	0x420c040f
Type:	Event
Severity:	Warnings
Message:	Admin user *admin-name* login through {Console | Telnet | SSH | HTTP | HTTPS}, from *source-ip-add:port* to *destination-ip-add:port*(*protocol*)
Description:	The administrator *admin-name* logged in through {Console | Telnet | SSH | HTTP | HTTPS} from *source-ip-add:port* to *destination-ip-add:port* (*protocol*).
Solution:	N/A

ID:	0x420c0410
Type:	Event
Severity:	Warnings
Message:	Admin user *admin-name* failed to logined through {Console | Telnet | SSH | HTTP | HTTPS}, from *source-ip-add:port* to *destination-ip-add:port*(*protocol*)
Description:	The administrator *admin-name* failed to logined through {Console | Telnet | SSH | HTTP | HTTPS} from *source-ip-add:port* to *destination-ip-add:port* (*protocol*).
Solution:	N/A

ID:	0x42340401
Type:	Event
Severity:	Warnings
Message:	Admin user *admin-name* cleared *log-type* log.
Description:	The administrator *admin-name* deleted a log type *log-type* from the system.
Solution:	Consult the administrator.

ID:	0x42340402
Type:	Event
Severity:	Warnings
Message:	USB disk usage is larger than 75 percent. Archive older log files to free more space.
Description:	The USB disk usage was larger than 75 percent of the storage space. Archive the previous log files to free more spaces.
Solution:	N/A

ID:	0x42340403
Type:	Event

Severity:	Warnings
Message:	USB disk usage is larger than 90 percent. Archive older log files to free more space.
Description:	The USB disk usage was larger than 90 percent of the storage space. Archive the previous log files to free more spaces.
Solution:	N/A

ID:	0x42340604
Type:	Event
Severity:	Information
Message:	System has started to track syslog server *server-name* using track object *track_name.*
Description:	The system started to track the syslog server *server-name* by using the track object *track name*.
Solution:	N/A

ID:	0x42340605
Type:	Event
Severity:	Information
Message:	System stopped tracking syslog server *server-name* using track object *track_name.*
Description:	The system stopped to track the syslog server *server-name*. The track object is *track name*.
Solution:	N/A

ID:	0x42340606
Type:	Event
Severity:	Information
Message:	The syslog server has been tracked successfully.
Description:	The syslog server was tracked successfully.
Solution:	N/A

ID:	0x42340407
Type:	Event
Severity:	Warnings
Message:	Failed to track the syslog server.
Description:	Failed to track the syslog server.
Solution:	N/A

ID:	0x42340408
Type:	Event
Severity:	Warnings
Message:	Amount of *log-type* log exceeds 90 percent of threshold.
Description:	Amount of log exceeds 90 percent of threshold..

Solution:	N/A

ID:	0x421c0401
Type:	Event
Severity:	Warnings
Message:	Admin-user *admin name* logined through {Console | Telnet | SSH | HTTP | HTTPS}, and the IP is *IP address*.
Description:	An administrator *admin name* whose IP address is *IP address* logged into the device via {Console | Telnet | SSH | HTTP | HTTPS}.
Solution:	Check the ID of the administrator.

ID:	0x421c0402
Type:	Event
Severity:	Warnings
Message:	Admin user *admin-name* attempted to login through {Console | Telnet | SSH | HTTP | HTTPS} failed, and the IP is *IP address*.
Description:	An administrator *admin name* whose IP address is *IP address* failed to log into the device via {Console | Telnet | SSH | HTTP | HTTPS}.
Solution:	Check if the attempt was an attack. If it was an attack, delete the login IP address from trusted host list.

ID:	0x421c0403
Type:	Event
Severity:	Warnings
Message:	Admin user *admin name* logouted through {Console | Telnet | SSH | HTTP | HTTPS}, and the IP is *IP address*.
Description:	The administrator *admin name* whose IP address is *IP address* logged out from the device via {Console | Telnet | SSH | HTTP | HTTPS}.
Solution:	N/A

ID:	0x421c0c04
Type:	Event
Severity:	Warnings
Message:	Admin user *admin-name* logined SCM-20(slot *slot-number*).
Description:	The administrator *admi- name* logged into SCM-20 (slot *slot-number*).
Solution:	N/A

ID:	0x421c0c05
Type:	Event
Severity:	Warnings

Message:	Admin user *admin-name* logged out SCM-20(slot *slot-number*).
Description:	The administrator *admin-name* logged out SCM-20 (slot *slot-number*)
Solution:	N/A

ID:	0x421c0406
Type:	Event
Severity:	Warnings
Message:	Slave CPU(slot *slot-number*) send slave 'login' info to Master CPU(slot *slot-number*).
Description:	The slave CPU (slot *slot-number*) sent slave "login" information to the master CPU (slot *slot-number*).
Solution:	N/A

ID:	0x421c0407
Type:	Event
Severity:	Warnings
Message:	Admin user *admin-name* logined through {Console | Telnet | SSH | HTTP | HTTPS}, from *source-ip-add:port* to *destination-ip-add:port*(*protocol*)
Description:	The administrator *admin-name* logged in through {Console | Telnet | SSH | HTTP | HTTPS} from *source-ip-add:port* to *destination-ip-add:port* (*protocol*).
Solution:	N/A

ID:	0x421c0408
Type:	Event
Severity:	Warnings
Message:	Admin user *admin-name* logined through {Console | Telnet | SSH | HTTP | HTTPS} failed, from *source-ip-add:port* to *destination-ip-add:port*(*protocol*)
Description:	The administrator *admin-name* failed to log in through {Console | Telnet | SSH | HTTP | HTTPS} from *source-ip-add:port* to *destination-ip-add:port* (*protocol*).
Solution:	N/A

ID:	0x42140301
Type:	Event
Severity:	Errors
Message:	save configuration file to *destination* failed due to *reason*.
Description:	The administrator failed to save system configuration file to the *destination* due to *reason*.
Solution:	Try again.

ID:	0x42140602
Type:	Event

Severity:	Informational
Message:	Save configuration file successful by *destination*.
Description:	The administrator saved configuration file to *destination*.
Solution:	N/A

ID:	0x42142604
Type:	Configuration
Severity:	Informational
Message:	\"*Admin-name*\" @ {CLI | WebUI | SNMP | … }, *entity-name-and-value,* {add | set | delete | unset | move | …} *operation-object*.
Description:	The administrator {add | set | delete | unset | move | …} *operation-object* of the *entity-name-and-value* data type via {CLI | WebUI | SNMP | …}.
Solution:	N/A

ID:	0x42140e05
Type:	Event
Severity:	Informational
Message:	Remove *VSYS-name*'s configuration *configuration* by *admin-name*.
Description:	The administrator *admin-name* removed the configuration *configuration* of VSYS *VSYS-name*.
Solution:	N/A

ID:	0x42140e06
Type:	Event
Severity:	Informational
Message:	Rollback *VSYS-name* 's configuration with *configuration* by *admin-name*.
Description:	The administrator *admin-name* rolled back the configuration of VSYS *VSYS-name* to *configuration*.
Solution:	N/A

ID:	0x42140e07
Type:	Event
Severity:	Informational
Message:	Import *VSYS-name* 's configuration by *admin-name*.
Description:	The administrator *admin-name* imported the configuration of VSYS *VSYS-name.*
Solution:	N/A

ID:	0x42152609
Type:	Operate
Severity:	Informational

Message:	Operation log: user *user-name* : command *command line.*
Description:	The user *user-name* executed command *command line.*
Solution:	N/A

ID:	0x42142608
Type:	Configuration
Severity:	Informational
Message:	\"*user-name*\"@*type*, \"{*debug*| *undebug*} module-name\" slot *slot-number* vsys: *VSYS-name*.
Description:	In the VSYS *VSYS-name*, the user *user-name* enabled/disabled the debug mode of the module module-name installed in the slot *slot-number.*
Solution:	N/A

ID:	0x410c0201
Type:	Event
Severity:	Critical
Message:	Process *process-name* missed heartbeat.
Description:	The process *process-name* had no heartbeat.
Solution:	The device can reboot itself when this happens if it is already in the auto-reboot mode.

ID:	0x410c0d02
Type:	Event
Severity:	Notifications
Message:	Flow *flow-name* is busy.
Description:	Flow *flow-name* is busy.
Solution:	The device can reboot itself when this happens if it is already in the auto-reboot mood.

ID:	0x410c0a03
Type:	Event
Severity:	Critical
Message:	System enters auto recovery, device reset.
Description:	The system began to reset the device (restore to the factory settings).
Solution:	N/A

ID:	0x413c0a01
Type:	Event
Severity:	Critical
Message:	*User-name* upgraded the firmware *firmware-name* via {WebUI | Telnet | SSH | Console}.
Description:	*User-name* upgraded the firmware *firmware-name* via {WebUI | Telnet | SSH | Console}.

Solution:	N/A

ID:	0x413c0a02
Type:	Event
Severity:	Critical
Message:	*User-name* upgraded the firmware *firmware-name* via {WebUI | Telnet | SSH | Console} failed.
Description:	*User-name* failed to upgraded the firmware *firmware-name* via {WebUI | Telnet | SSH | Console}.
Solution:	N/A

ID:	0x413c0a03
Type:	Event
Severity:	Critical
Message:	*User-name* switched the firmware *firmware-name* as active firmware via {WebUI | Telnet | SSH | Console}.
Description:	*User-name* switched the firmware *firmware-name* as active firmware via {WebUI | Telnet | SSH | Console}.
Solution:	N/A

ID:	0x410c0a04
Type:	Event
Severity:	Critical
Message:	*User-name* switched the firmware *firmware-name* as active firmware via {WebUI | Telnet | SSH | Console} failed.
Description:	*User-name* failed to switch the firmware *firmware-name* as active firmware via {WebUI | Telnet | SSH | Console}.
Solution:	N/A

ID:	0x410c0205
Type:	Event
Severity:	Critical
Message:	Sending technical support email successfully.
Description:	Succeeded in sending a technical support email.
Solution:	N/A

ID:	0x410c0206
Type:	Event
Severity:	Critical
Message:	Failed to send technical support email.
Description:	Failed to send a technical support email.
Solution:	N/A

ID:	0x410c0a07

Type:	Event
Severity:	Critical
Message:	The device has been reset by hardware watchdog last time.
Description:	The device was reset by the hardware watchdog.
Solution:	N/A

ID:	0x410c0a08
Type:	Event
Severity:	Critical
Message:	Hardware watchdog of *module-name* (description) is timeout.
Description:	The hardware watchdog of the module *module-name* (*description*) had timeout.
Solution:	N/A

ID:	0x410c0a09
Type:	Event
Severity:	Critical
Message:	*module-name* (*moudule-position)* switched over it's role voluntarily as the system is abnormal.
Description:	Due to system exceptions, the module *module-name* located at the *module-position* switched its role voluntarily.
Solution:	N/A

ID:	0x410c0a0a
Type:	Event
Severity:	Critical
Message:	*module-name* (*moudule-position)* has switched to master.
Description:	The module *module-name* located at the *module-position* successfully switched itself to the master SCM.
Solution:	N/A

ID:	0x410c0a0b
Type:	Event
Severity:	Critical
Message:	*cpu-position* has switched to master.
Description:	The CPU located at the *module-position* successfully switched itself to the master SCM.
Solution:	N/A

ID:	0x410c0a0c
Type:	Event
Severity:	Critical
Message:	Hardware watchdog of *module-name* is timeout.
Description:	The hardware watchdog of the module *module-name* had

	timeout.
Solution:	N/A

ID:	0x410c050d
Type:	Event
Severity:	Notifications
Message:	Memory of *module-name* keeps increasing.
Description:	The memory utilization of module *module-name* kept increasing.
Solution:	N/A

ID:	0x410c050e
Type:	Event
Severity:	Notifications
Message:	Memory of *module-name* is *number,* exceed threshold *threshold*.
Description:	The memory utilization of module *module-name* exceeded the threshold *threshold*.
Solution:	N/A

ID:	0x410c050f
Type:	Event
Severity:	Notifications
Message:	Memory of *module-name* allocation burst.
Description:	The memory allocation of the module *module-name* increased sharply.
Solution:	N/A

ID:	0x410c0210
Type:	Event
Severity:	Critical
Message:	Failed to push tar-file to ftp server.
Description:	Failed to upload the compressed file to the server.
Solution:	N/A

ID:	0x410c0211
Type:	Event
Severity:	Critical
Message:	APM missed heartbeat for *value* seconds, reboot sub card.
Description:	The application process module missed the heartbeat for *value* second. The subcard rebooted.
Solution:	N/A

ID:	0x410c0212

Type:	Event
Severity:	Critical
Message:	APM missed heartbeat for *value* seconds, but not reboot sub card.
Description:	The application process module missed the heartbeat for *value* seconds. The subcard did not reboot.
Solution:	N/A

ID:	0x410c0213
Type:	Event
Severity:	Critical
Message:	APM has not been online for *value* seconds, reboot APM.
Description:	The application process module was offline for *value* seconds and rebooted.
Solution:	N/A

ID:	0x410c0214
Type:	Event
Severity:	Critical
Message:	APM has not been online for *value* seconds, did not reboot APM.
Description:	The application process module was offline for *value* seconds and did not reboot.
Solution:	N/A

ID:	0x410c0215
Type:	Event
Severity:	Critical
Message:	A timeout occurred while waiting for APM online, did not reboot system.
Description:	A time out occurred while waiting for the APM to be online. The system did not reboot.
Solution:	N/A

ID:	0x410c0216
Type:	Event
Severity:	Critical
Message:	A timeout occurred while waiting for APM online, reboot system.
Description:	A time out occurred while waiting for the APM to be online. The system rebooted.
Solution:	N/A

ID:	0x410c0217
Type:	Event

Severity:	Critical
Message:	Failed to sync the firmware between APM and BFM.
Description:	Failed to synchronize the firmware version of the APM and the BFM.
Solution:	N/A

ID:	0x410c0a18
Type:	Event
Severity:	Critical
Message:	APM has been reset by hardware.
Description:	The APM will be rebooted by hardware.
Solution:	N/A

ID:	0x410c0219
Type:	Event
Severity:	Critical
Message:	APM missed heartbeat for *X* seconds, reboot APM.
Description:	The APM missed heartbeat for *X* seconds. The APM rebooted.
Solution:	N/A

ID:	0x410c021a
Type:	Event
Severity:	Critical
Message:	APM missed heartbeat for X seconds, did not reboot APM.
Description:	The APM missed heartbeat for *X* seconds. The APM did not reboot.
Solution:	N/A

ID:	0x410c021b
Type:	Event
Severity:	Critical
Message:	APM missed heartbeat for X seconds, reboot system.
Description:	APM missed heartbeat for X seconds. The system rebooted.
Solution:	N/A

ID:	0x410c021c
Type:	Event
Severity:	Critical
Message:	System has started up.
Description:	The system has started.
Solution:	N/A

ID:	0x42240407
Type:	Event
Severity:	Warnings
Message:	TELNET server port is changed to *port-number*.
Description:	The Telnet server port changed to port *port-number*.
Solution:	N/A

ID:	0x42240408
Type:	Event
Severity:	Warnings
Message:	A telnet connection attemption from *IP-address* is failed.
Description:	A Telnet connection from IP address IP address to the device failed.
Solution:	Check if the attempt was an attack. If it was an attack, delete the IP address from trusted host list.

ID:	0x42080a01
Type:	Event
Severity:	Critical
Message:	System reboot by *admin-name* via {WebUI | Telnet | SSH | Console }.
Description:	The administrator *admin-name* rebooted the device via {WebUI | Telnet | SSH | Console}.
Solution:	N/A

ID:	0x42082601
Type:	Configuration
Severity:	Informational
Message:	Admin *admin-name* executed *command line*.
Description:	The administrator *admin-user* executed the command *command line*.
Solution:	N/A

ID:	0x42080a02
Type:	Event
Severity:	Critical
Message:	Subcard *subcard-name* reboot by *admin-name* via {WebUI | Telnet | SSH | Console}.
Description:	The administrator *admin-name* rebooted the subcard-*name* via {WebUI | Telnet | SSH | Console}.
Solution:	N/A

ID:	0x42080a03
Type:	Event
Severity:	Critical
Message:	Sub card *subcard-name* is failed to reboot by *admin-name*

	via {WebUI | Telnet | SSH | Console}.
Description:	The administrator *admin-name* failed to reboot the subcard-*name* via {WebUI | Telnet | SSH | Console}.
Solution:	N/A

ID:	0x42080a04
Type:	Event
Severity:	Critical
Message:	*Subcard-name* reboot by *admin-name* via {WebUI | Telnet | SSH | Console}.
Description:	The administrator *admin-name* rebooted the *subcard-name* via {WebUI | Telnet | SSH | Console}.
Solution:	N/A

ID:	0x42080a05
Type:	Event
Severity:	Critical
Message:	*Subcard-name* reboot by *admin-name* via {WebUI | Telnet | SSH | Console} failed.
Description:	The administrator *admin-name* failed to reboot the *subcard-name* via {WebUI | Telnet | SSH | Console}.
Solution:	N/A

ID:	0x42080a06
Type:	Event
Severity:	Critical
Message:	Sub card *Subcard-name* reboot by *admin-name* via {WebUI | Telnet | SSH | Console}.
Description:	The administrator *admin-name* rebooted the *subcard-name* via {WebUI | Telnet | SSH | Console}.
Solution:	N/A

ID:	0x42080a07
Type:	Event
Severity:	Critical
Message:	*admin-name* restored the device to default settings via {WebUI | Telnet | SSH | Console}.
Description:	The administrator *admin-name* restored the device to default settings via {WebUI | Telnet | SSH | Console}.
Solution:	N/A

ID:	0x42080a08
Type:	Event
Severity:	Critical
Message:	*admin-name* rolled the system configuration back via {WebUI | Telnet | SSH | Console}.

Description:	The administrator *admin-name* rolled the system configuration back via {WebUI | Telnet | SSH | Console}.
Solution:	N/A

ID:	0x42080a09
Type:	Event
Severity:	Critical
Message:	*admin-name* failed to reboot the system via {WebUI | Telnet | SSH | Console}.
Description:	The administrator *admin-name* failed to reboot the system via {WebUI | Telnet | SSH | Console}.
Solution:	N/A

ID:	0x42080a0a
Type:	Event
Severity:	Critical
Message:	The command *command* has been executed successfully.
Description:	The command *command* has been executed successfully.
Solution:	N/A

ID:	0x42080a0b
Type:	Event
Severity:	Critical
Message:	Failed to execute the command *command*.
Description:	Failed to execute the command *command*.
Solution:	N/A

ID:	0x42080a0c
Type:	Event
Severity:	Critical
Message:	*admin-name* shut down the device via {WebUI | Telnet | SSH | Console}.
Description:	The administrator *admin-name* shut down the device via {WebUI | Telnet | SSH | Console}.
Solution:	N/A

ID:	0x42080a0d
Type:	Event
Severity:	Critical
Message:	*admin-name* save system configuration via {WebUI | Telnet | SSH | Console}.
Description:	The administrator *admin-name* saved system configuration via {WebUI | Telnet | SSH | Console}.
Solution:	N/A

ID:	0x42080a0e
Type:	Event
Severity:	Critical
Message:	Database data *operation status*.
Description:	The *operation* status of database data is *status*.
Solution:	N/A

ID:	0x42080a0f
Type:	Event
Severity:	Critical
Message:	Database data package size *size* byte.
Description:	Database data package size is *size* bytes.
Solution:	N/A

ID:	0x42080a10
Type:	Event
Severity:	Critical
Message:	Database data *operation* failed.
Description:	Database data *operation* failed.
Solution:	N/A

ID:	0x42280401
Type:	Event
Severity:	Warnings
Message:	SSH server port is changed to *port-number*.
Description:	SSH server port changed to port *port-number*.
Solution:	N/A

ID:	0x41100201
Type:	Event
Severity:	Critical
Message:	Fan on the board has stopped!
Description:	The fan stopped.
Solution:	Shut down the device and troubleshoot the problem.

ID:	0x41100202
Type:	Event
Severity:	Critical
Message:	Temperature has reached CRITICAL of 90(C)!
Description:	The chassis reached a critical temperature of 90℃.
Solution:	Shut down the device.

ID:	0x41100603
Type:	Event
Severity:	Informational
Message:	{USB0 | USB1} has been {inserted | removed | admin down}.
Description:	A USB disk was inserted/removed/shut down.
Solution:	N/A

ID:	0x41100604
Type:	Event
Severity:	Informational
Message:	The utilization of core *X* was over 80 in last one minute!
Description:	CPU core *X* utilization exceeded 80% in the past one minute.
Solution:	N/A

ID:	0x41140601
Type:	Event
Severity:	Informational
Message:	*job-name* updates signature successfully.
Description:	*job-name* succeeded in updating signature.
Solution:	N/A

ID:	0x41140602
Type:	Event
Severity:	Informational
Message:	*job-name* updates signature failed.
Description:	*job-name* failed to update signature.
Solution:	N/A

ID:	0x41140203
Type:	Event
Severity:	Critical
Message:	*job-name* loads signature failed after updating, original version *old-version*, updated version *new-version*.
Description:	Failed to update the signature database from old version *old-version* to new version *new-version*.
Solution:	N/A

ID:	0x41140504
Type:	Event
Severity:	Notification
Message:	job-*name* rolls back signature to version *old-version*

	successfully.
Description:	The signature database rolled back to old version *old-version*.
Solution:	N/A

ID:	0x41140205
Type:	Event
Severity:	Critical
Message:	*job*-name rolls back signature to version *old-version* failed.
Description:	The signature database failed to roll back to old version *old-version*.
Solution:	N/A

ID:	0x41140206
Type:	Event
Severity:	Critical
Message:	Succeed to reboot SSM(slot *slot-X*) after upgrading signature.
Description:	Successfully upgraded the signature database. The SSM in the slot *slot-X* rebooted.
Solution:	N/A

ID:	0x41140207
Type:	Event
Severity:	Critical
Message:	APP signature reload (slot *slot-X*) failed.
Description:	The SSM in the slot *slot-X* cannot load the application signature database.
Solution:	N/A

ID:	0x41100205
Type:	Event
Severity:	Critical
Message:	*fur*-name was inserted into *slot-X*.
Description:	Expansion card *fur-name* was inserted into slot *slot-X*.
Solution:	N/A

ID:	0x41100206
Type:	Event
Severity:	Critical
Message:	*fur-name* was removed from *slot-X*.
Description:	Expansion card *fur-name* was removed from slot *slot-X*.
Solution:	N/A

ID:	0x41100207
Type:	Event
Severity:	Critical
Message:	*fur-name* (*slot-X*) enter online state.
Description:	The state of expansion card *fur-name* in slot *slot-X* changed to online.
Solution:	N/A

ID:	0x41100208
Type:	Event
Severity:	Critical
Message:	fur-*name* (*slot-X*) leave online state.
Description:	The state of expansion card *fur-name* in slot *slot-X* changed to offline.
Solution:	N/A

ID:	0x41100209
Type:	Event
Severity:	Critical
Message:	slot-*X* don't support *fru-name*.
Description:	slot-*X* does not support expansion card *fru-name*.
Solution:	N/A

ID:	0x4110020a
Type:	Event
Severity:	Critical
Message:	*storage-name* has illegal filesystem type, which will be formatted automatically one minute later.
Description:	The storage device *storage-name* would be formatted one minute later.
Solution:	N/A

ID:	0x4110020b
Type:	Event
Severity:	Critical
Message:	*storage-name* has been formatted automatically.
Description:	The storage device *storage-name* has been formatted successfully.
Solution:	N/A

ID:	0x4110120c
Type:	Event
Severity:	Critical
Message:	In the past *N* seconds, *monitor object*'s utilization exceeded threshold *threshold-value%*, and this happended *X* times.

Description:	In the past *N* seconds, the utilization of the monitor object *monitor object* has exceeded the threshold value *threshold-value%* for X times.
Solution:	N/A

ID:	0x4110120d
Type:	Event
Severity:	Critical
Message:	In the past *N* seconds, *monitor object*'s average utilization is *current-value%* and exceeded threshold: *threshold-value%*.
Description:	In the past *N* seconds, the utilization of the monitor object *monitor object* was *current-value%* which exceeded the threshold value *threshold-value%*.
Solution:	N/A

ID:	0x4110022d
Type:	Event
Severity:	Critical
Message:	Writing protect is enabled and failed to mount *storage-device-name*.
Description:	Writing protect was enabled. Failed to mount storage device *storage-device-name*.
Solution:	N/A

ID:	0x41100a0f
Type:	Event
Severity:	Critical
Message:	fru-*name* was rebooted from *slot-X* automatically.
Description:	Expansion card *fru-name* in *slot-X* was rebooted automatically.
Solution:	N/A

ID:	0x41100210
Type:	Event
Severity:	Critical
Message:	Temperature(*tem-value*) of *fru-name* in slot *slot-X* has reach CRITICAL of *X* (C)!
Description:	Danger! Temperature (*tem-value*) of expansion card *fru-name* in slot *slot-X* reached the threshold of *X* ℃.
Solution:	N/A

ID:	0x41100211
Type:	Event
Severity:	Critical
Message:	One power module is not enough to supply *X* sub cards, power down all sub cards!

Description:	Danger! One power module is not enough to supply *X* subcards. Power off extra subcards.
Solution:	N/A

ID:	0x41100412
Type:	Event
Severity:	Warnings
Message:	IOM-2SM- in slot *slot-X* switch to *mode* mode, because *reason*.
Description:	IOM-2SM- in slot *slot-X* switched to *mode* mode due to *reason*.
Solution:	N/A

ID:	0x41100613
Type:	Event
Severity:	Informational
Message:	*fru-name* (*slot-X*) becomes *state* state.
Description:	The state of expansion card *fru-name* in *slot-X* became *state.*
Solution:	N/A

ID:	0x41100c14
Type:	Event
Severity:	Warnings
Message:	SCM on slot *slot-X* start.....
Description:	CPU log on slot *slot-X* started.
Solution:	N/A

ID:	0x41100a15
Type:	Event
Severity:	Critical
Message:	Slave CPU (slot *slot-X*) switch to Master and rewrite log.
Description:	Slave CPU in slot *slot-X* switched to Master CPU and re-wrote log.
Solution:	N/A

ID:	0x41100a16
Type:	Event
Severity:	Critical
Message:	The minimum chassis temperature (T1) is over *X* (C).
Description:	The minimum chassis temperature (T1) is over *X* ℃.
Solution:	N/A

ID:	0x41100a17

Type:	Event
Severity:	Critical
Message:	The maximum chassis temperature(T1) is over *X* (C).
Description:	The maximum chassis temperature(T1) is over *X* ℃.
Solution:	N/A

ID:	0x41100a18
Type:	Event
Severity:	Critical
Message:	Power supply error: *power-name* power off, absent, or power fan error.
Description:	Power supply error, possibly due to *power-name* power off, absent, or power fan error.
Solution:	N/A

ID:	0x41100a19
Type:	Event
Severity:	Critical
Message:	Power supply good: *power-name* present and power good.
Description:	power-*name* is present and power supply is normal.
Solution:	N/A

ID:	0x41100a1a
Type:	Event
Severity:	Critical
Message:	Fan is running.
Description:	Fan is running normally.
Solution:	N/A

ID:	0x41100a1b
Type:	Event
Severity:	Critical
Message:	Fan is absent.
Description:	Fan is absent.
Solution:	N/A

ID:	0x41100a1c
Type:	Event
Severity:	Critical
Message:	One of Fans failed.
Description:	One of fans failed.
Solution:	N/A

ID:	0x41100a1d

Type:	Event
Severity:	Critical
Message:	At least two fans stop running.
Description:	At least two fans stopped.
Solution:	N/A

ID:	0x4110021e
Type:	Event
Severity:	Critical
Message:	In the past *N* seconds, *board-type* slot *slot-number monitor object*'s utilization exceeded threshold *threshold-value%*, and this happended *X* times.
Description:	In the past *N* seconds, the utilization of the *board-type* slot *slot-number* monitored object *monitor object* exceeded the threshold *threshold-value* for *X* times.
Solution:	N/A

ID:	0x4110021f
Type:	Event
Severity:	Critical
Message:	In the past *N* seconds, *board-type* slot *slot-number monitor object*'s average utilization is *current-value%* and exceeded threshold: *threshold-value%*.
Description:	In the past *N* seconds, the average utilization of the *board-type* slot *slot-number* monitored object *monitor object* was *current-value%* and exceeded the threshold *threshold-value%*.
Solution:	N/A

ID:	0x41100220
Type:	Event
Severity:	Critical
Message:	Fan of *fru-name* (*slot-X*) failed.
Description:	Fan of expansion module *fru-name* (*slot-X*) stopped working.
Solution:	N/A

ID:	0x41100a21
Type:	Event
Severity:	Critical
Message:	The Firewall board's voltage(*voltage-value*) is out of range of [*min*, *max*].
Description:	The voltage *voltage-value* of the firewall was outside the reasonable range. The reasonable range is *min* to *max*.
Solution:	N/A

ID:	0x41100222
Type:	Event
Severity:	Critical
Message:	Temperature(*tem-name*, *tem-value*) has reach ALARM of *X*(C)!
Description:	The temperature (temperature test location *tem-name*, *tem-value*) reached *X* degrees centigrade.
Solution:	N/A

ID:	0x41100223
Type:	Event
Severity:	Critical
Message:	Temperature(*tem-name*, *tem-value*) has reach CRITICAL of *X*(C)!
Description:	The temperature (temperature test location *tem-name*, *tem-value*) reached *X* degrees centigrade.
Solution:	N/A

ID:	0x41100424
Type:	Event
Severity:	Warnings
Message:	IOM-2MM- in slot *slot-X* switch to *mode* mode, because *reason*.
Description:	Due to the reason *reason*, IOM-2MM- in the slot *slot-X* switched to the work mode *mode*.
Solution:	N/A

ID:	0x41100a25
Type:	Event
Severity:	Critical
Message:	The device was turned off due to the temperature (*tem-name*, *tem-value*) had exceeded the threshold X degrees centigrade.
Description:	The device shut down since the temperature (temperature test location *tem-name*, *tem-value*) exceeded *X* degrees centigrade.
Solution:	N/A

ID:	0x41100a26
Type:	Event
Severity:	Critical
Message:	Power button is pressed, the machine will power down.
Description:	The power button was pressed. The device will shut down.
Solution:	N/A

ID:	0x41100a27

Type:	Event
Severity:	Critical
Message:	Clear button is pressed, the machine will power down.
Description:	The clear button was pressed. The device will shut down.
Solution:	N/A

ID:	0x41100a28
Type:	Event
Severity:	Critical
Message:	Fan is absent over 30 seconds, the machine will power down.
Description:	The fan did not function normally over 30 seconds. The device will shut down.
Solution:	N/A

ID:	0x41100c29
Type:	Event
Severity:	Warnings
Message:	User \"*user-name*\" upgraded CPLD successfully.
Description:	Successfully upgraded the CPLD by user *user-name*.
Solution:	N/A

ID:	0x41100c2a
Type:	Event
Severity:	Warnings
Message:	User \" *user-name*\" failed to upgrade CPLD due to *reason*.
Description:	Failed to upgrade CPLD by user *user-name* due to the reason *reason*.
Solution:	N/A

ID:	0x4110022b
Type:	Event
Severity:	Critical
Message:	Alarm! Out of flash memory low. Total size: *total size*; free size: *free size*; used size: *used size*.
Description:	Due to the lack of the Flash space, the system notified the following information: the total size of the Flash space: *total size*, the free size of the Flash space: *free size*, the used size of the Flash space: *used size*.
Solution:	N/A

ID:	0x4110022c
Type:	Event
Severity:	Critical

Message:	Alarm! Out of memory, *memory-size* memory has been used.
Description:	Due to the lack of the memory, the system notified the used size of the memory *memory-size*.
Solution:	N/A

ID:	0x41100236
Type:	Event
Severity:	Critical
Message:	In the past *N* seconds, *board-type* slot *slot-number* CPU *index monitor object*'s utilization exceeded threshold *threshold-value%*, and this happended *X* times.
Description:	In the past *N* seconds,the utilization of *board-type* slot *slot-number* CPU *index monitor object* exceeded threshold *threshold-value%*, and this happended *X* times.
Solution:	N/A

ID:	0x41100237
Type:	Event
Severity:	Critical
Message:	In the past *N* seconds, *board-type* slot *slot-number* CPU *index monitor object*'s average utilization is *current-value* and exceeded threshold *threshold-value%*.
Description:	In the past *N* seconds,the average utilization of *board-type* slot *slot-number* CPU *index monitor object* is *current-value* and exceeded threshold *threshold-value%*.
Solution:	N/A

ID:	0x41100238
Type:	Event
Severity:	Critical
Message:	The application module status: *status*.
Description:	The application module status is *status*.
Solution:	N/A

ID:	0x41100439
Type:	Event
Severity:	Warnings
Message:	*board-type* in slot *slot-number* pair *N* switch to *mode* mode, because *reason*.
Description:	*board-type* in slot *slot-number* pair *N* switch to *mode* mode, because *reason*.
Solution:	N/A

ID:	0x4110062e
Type:	Event

Severity:	Informational
Message:	Enable PoE function of interface *interface-name*.
Description:	PoE function of interface *interface-name* is enabled.
Solution:	N/A

ID:	0x4110062f
Type:	Event
Severity:	Informational
Message:	Disable PoE function of interface *interface-name*.
Description:	PoE function of interface *interface-name* is disabled.
Solution:	N/A

ID:	0x41100630
Type:	Event
Severity:	Informational
Message:	Enable DC disconnect sensing on PoE interface *interface-name*.
Description:	DC disconnect sensing on PoE interface *interface-name* is enabled.
Solution:	N/A

ID:	0x41100631
Type:	Event
Severity:	Informational
Message:	Disable DC disconnect sensing on PoE interface *interface-name*.
Description:	DC disconnect sensing on PoE interface *interface-name* is disabled.
Solution:	N/A

ID:	0x41100632
Type:	Event
Severity:	Informational
Message:	Enable AC disconnect sensing on PoE interface *interface-name*.
Description:	AC disconnect sensing on PoE interface *interface-name* is enabled.
Solution:	N/A

ID:	0x41100633
Type:	Event
Severity:	Informational
Message:	Disable AC disconnect sensing on PoE interface *interface-name*.
Description:	AC disconnect sensing on PoE interface *interface-name* is

	disabled.
Solution:	N/A

ID:	0x41100634
Type:	Event
Severity:	Informational
Message:	Set max power of PoE interface *interface-name* to be *power-value* W.
Description:	Set max power of PoE interface *interface-name* to be *power-value* W.
Solution:	N/A

ID:	0x41100635
Type:	Event
Severity:	Informational
Message:	Set max power of PoE interface *interface-name* to default.
Description:	Set max power of PoE interface *interface-name* to default.
Solution:	N/A

ID:	0x46540201
Type:	Event
Severity:	Critical
Message:	Warning, system is out of memory!
Description:	Insufficient system memory.
Solution:	N/A

ID:	0x46480201
Type:	Event
Severity:	Critical
Message:	Out of memory! Stats set *ID* had failed to allocate new entry *X* times in *N* seconds.
Description:	Failed to allocate new entries *X* times in *N* seconds for stat-set *ID* due to insufficient system memory.
Solution:	N/A

ID:	0x41100225
Type:	Event
Severity:	Critical
Message:	Alarm! Flash memory low. Total size: *total size*; free size: *free size*; used size: *used size*.
Description:	Due to the lack of the Flash space, the system notified the following information: the total size of the Flash space: *total size*, the free size of the Flash space: *free size*, the used size

	of the Flash space: *used size*.
Solution:	N/A

ID:	0x41100226
Type:	Event
Severity:	Critical
Message:	Alarm! Memory low, *memory* memory has been used.
Description:	Due to the lack of the memory, the system notified the used size *memory*.
Solution:	N/A

ID:	0x42040401
Type:	Event
Severity:	Critical
Message:	Hostname is changed to *hostname*.
Description:	The host name changed to *hostname*.
Solution:	N/A

ID:	0x41240201
Type:	Event
Severity:	Critical
Message:	VSYS(*VSYS-name*) CPU is busy, reach the max value *value*.
Description:	The CPU of the VSYS *VSYS-name* was busy and its utilization reached the predefined value *value*.
Solution:	N/A

ID:	0x41200201
Type:	Event
Severity:	Critical
Message:	In-service-upgrade is started by *user-name* via *access-interface*, old version is *version-number*, new version is *version-number*.
Description:	The user *user-name* performed the in-service software upgrade via WebUI or CLI (*access method*). The old version number is *version-number* and the new version number is *version-number*.
Solution:	N/A

ID:	0x41200202
Type:	Event
Severity:	Critical
Message:	In-service-upgrade is finished successfully.
Description:	Successfully performed the in-service software upgrade.
Solution:	N/A

ID:	0x41200203
Type:	Event
Severity:	Critical
Message:	In-service-upgrade is stopped for errors.
Description:	The operation of in-service software upgrade stopped due to an error.
Solution:	N/A

ID:	0x41200204
Type:	Event
Severity:	Critical
Message:	Graceful-shutdown of slot *number* module *type* is started by *user-name* via *access-interface*.
Description:	The user *user-name* executed the graceful shutdown for the module *type* in the slot *number* via interface *access-interface*.
Solution:	N/A

ID:	0x41200205
Type:	Event
Severity:	Critical
Message:	Graceful-shutdown of slot *number* module *type* is finished successfully.
Description:	Successfully completed the graceful shutdown for the module *type* in the slot *number*.
Solution:	N/A

ID:	0x41200206
Type:	Event
Severity:	Critical
Message:	Graceful-shutdown of slot *number* module *type* is stopped for errors.
Description:	The system encountered an error when executing the graceful shutdown for the module *type* in the slot *number*. The operation stopped.
Solution:	N/A

ID:	0x41200607
Type:	Event
Severity:	Information
Message:	Slot *numbe*r module *type* is rebooted for in-service-upgrade.
Description:	Due to the in-service software upgrade, the module *type* in the slot *number* rebooted.
Solution:	N/A

ID:	0x42240401

Type:	Event
Severity:	Warnings
Message:	SSH server port is changed to *port-number*.
Description:	The port of the SSH service changed to *port-number*.
Solution:	N/A

ID:	0x41100201
Type:	Event
Severity:	Critical
Message:	Fan on the board has stopped!
Description:	The fan in the device stopped.
Solution:	Shut down the device and deal with the problem.

ID:	0x41100202
Type:	Event
Severity:	Critical
Message:	Temperature has reached CRITICAL of 90(C)!
Description:	The temperature in the chassis reached 90 degrees centigrade.
Solution:	Shut down the device.

ID:	0x41100603
Type:	Event
Severity:	Informational
Message:	{USB0 | USB1} has been {inserted | removed | admin down}.
Description:	The USB disk was inserted into the USB interface, or the USB disk was removed from the USB interface, or the USB interface was closed by the command of admin down.
Solution:	N/A

ID:	0x41100604
Type:	Event
Severity:	Alerts
Message:	The utilization of core *X* was over 80 in last one minute!
Description:	The utilization of core *X* exceeded 80% in the last one minute.
Solution:	N/A

ID:	0x423c0201
Type:	Event
Severity:	Critical
Message:	SSM HA switch from *CPU1* to *CPU2*.
Description:	The SSMs located at the *CPU1* and CPU2 had a HA switch. The module in *CPU2* took charge of all businesses.

Solution:	N/A

ID:	0x423c0202
Type:	Event
Severity:	Critical
Message:	SSM HA is not available for *CPU* for no peer SSM available.
Description:	Since there was no SSM to be paired with, the SSM in *CPU* cannot enable the SSM HA function.
Solution:	Install even numbers of SSMs.

ID:	0x423c0503
Type:	Event
Severity:	Notifications
Message:	*CPU1* and *CPU2* create SSM HA pair.
Description:	The SSMs in *CPU1 and CPU2* were paired.
Solution:	N/A

ID:	0x423c0504
Type:	Event
Severity:	Notifications
Message:	SSM HA real time sync is started between *CPU1* and *CPU2*.
Description:	SSMs in *CPU1* and *CPU2* started SSM HA real-time synchronization.
Solution:	N/A

ID:	0x423c0505
Type:	Event
Severity:	Notifications
Message:	SSM HA pair between *CPU1* and *CPU2* is destroyed.
Description:	The pair of SSMs in *CPU1* and *CPU2* was deleted.
Solution:	N/A

ID:	0x412c0a01
Type:	Event
Severity:	Critical
Message:	Failed to restore the device to default settings.
Description:	Failed to restore the default settings to the device.
Solution:	N/A

ID:	0x412c0a02
Type:	Event
Severity:	Critical
Message:	Failed to roll the system configuration back.
Description:	Failed to execute the rollback for the backup configurations.

Solution:	N/A

ID:	0x412c0a03
Type:	Event
Severity:	Critical
Message:	The APM configuration is automatically adjusted according to the platform type of the BFM.
Description:	The APM configuration is automatically adjusted according to the platform type of the BFM.
Solution:	N/A

ID:	0x412c0a04
Type:	Event
Severity:	Critical
Message:	The \"*capacity*\" of the platform does not match with the platform capacity configuration. This may influence the performance of the firewall.
Description:	The \"*capacity*\" of the platform does not match with the platform capacity configuration. This may influence the performance of the firewall.
Solution:	N/A

ID:	0x42500201
Type:	Event
Severity:	Critical
Message:	The IP *IP-address* has failed *times* times to login through {WebUI | Telnet | SSH | Console} and will be locked for *minutes* minutes.
Description:	The IP *IP-address* has failed *times* times to login through {WebUI | Telnet | SSH | Console} and will be locked for *minutes* minutes.
Solution:	N/A

ID:	0x41380201
Type:	Event
Severity:	Critical
Message:	The network connection with APM has been interrupted.
Description:	The connection with APM has been interrupted.
Solution:	N/A

ID:	0x42380407
Type:	Event
Severity:	Warnings
Message:	FTP server port is changed to *port-number*.
Description:	The FTP server port changed to port *port-number*.
Solution:	N/A

ID:	0x42380408
Type:	Event
Severity:	Warnings
Message:	FTP user *user-name* login.
Description:	The FTP user *user-name* succeeded in logging in.
Solution:	N/A

ID:	0x42380409
Type:	Event
Severity:	Warnings
Message:	FTP user *user-name* login failed.
Description:	The FTP user *user-name* failed to log in.
Solution:	N/A

ID:	0x4238040a
Type:	Event
Severity:	Warnings
Message:	FTP user *user-name* download file *file-name*.
Description:	The FTP user *user-name* download file which name is *file-name*.
Solution:	N/A

ID:	0x4238040b
Type:	Event
Severity:	Warnings
Message:	FTP user *user-name* quit.
Description:	The FTP user *username* logged out.
Solution:	N/A

ID:	0x4238040c
Type:	Event
Severity:	Warnings
Message:	Add FTP user *user-name*.
Description:	Add the FTP user whose name is *username*.
Solution:	N/A

ID:	0x4238040d
Type:	Event
Severity:	Warnings
Message:	Detele FTP user *user-name*.
Description:	Delete the FTP user whose name is *username*.
Solution:	N/A

ID:	0x4238040e
Type:	Event

Severity:	Warnings
Message:	FTP user *user-name* password change.
Description:	The password of FTP user *username* is changed.
Solution:	N/A

ID:	0x4a040c01
Type:	Event
Severity:	Warnings
Message:	*upgrade-time* user *user-name* upgrade *image-name* success .
Description:	In *upgrade-time* the user *user-name* upgrade *image-name* successfully.
Solution:	N/A

ID:	0x4a040c02
Type:	Event
Severity:	Warnings
Message:	*upgrade-time* user *user-name* upgrade *image-name* failed for *reason.*
Description:	In *upgrade-time* the user *user-name* failed to upgrade *image-name* and the reason is *reason*.
Solution:	N/A

ID:	0x4a040c03
Type:	Event
Severity:	Warnings
Message:	transfer- *time* user *user-name* transfer version version-*name* success.
Description:	In transfer -*time* the user *user-name* transfer version version-*name* successfully.
Solution:	N/A

ID:	0x4a040c04
Type:	Event
Severity:	Warnings
Message:	transfer- *time* user *user-name* transfer version version-*name* failed for *reason.*
Description:	In transfer- *time* the user *user-name* failed to transfer version version-*name* and the reason is *reason*.
Solution:	N/A

ID:	0x4a040c05
Type:	Event
Severity:	Warnings
Message:	*time* user *user-name* upgrade the same image.

Description:	In *time* the user *user-name* upgrade the same image.
Solution:	N/A

ID:	0x4a040c06
Type:	Event
Severity:	Warnings
Message:	*time* user *user-name* cancel the same image.
Description:	In *time* the user *user-name* cancel the same image.
Solution:	N/A

ID:	0x4a040c07
Type:	Event
Severity:	Warnings
Message:	application module reboot failure.
Description:	Failed to reboot the application module.
Solution:	N/A

ID:	0x46a00101
Type:	Event
Severity:	Alerts
Message:	arp mib query table reach the capacity value: *capacity-value.*
Description:	The ARP table information of SNMP server has reached the capacity value: *capacity-value*.
Solution:	N/A

VPN

ID:	0x45140601
Type:	Event
Severity:	Informational
Message:	SCVPN *tunnel-name* started.
Description:	SCVPN *tunnel-name* was enabled.
Solution:	N/A

ID:	0x45140602
Type:	Event
Severity:	Informational
Message:	SCVPN *tunnel-name* stopped.
Description:	SCVPN *tunnel-name* was disabled.
Solution:	N/A

ID:	0x45140603
Type:	Event
Severity:	Informational
Message:	User *user-name* on SCVPN *instance-name* logs on from *ip-address* (client), allocated IP *ip-address*, SPI *SPI*.
Description:	The user *user-name* whose IP address is *IP-address* logged into SCVPN using SCVPN client and was assigned with the IP address *IP-address* and SPI *SPI*.
Solution:	N/A

ID:	0x4514061f
Type:	Event
Severity:	Informational
Message:	User *user-name* on SCVPN *instance-name* logs on from *ip-address* (client), logs on failed, user name or passwd error.
Description:	Due to username/password error, user *user-name* whose IP address is *IP-address* failed to log into the SCVPN *instance-name* by the SCVPN client.
Solution:	N/A

ID:	0x45140605
Type:	Event
Severity:	Informational
Message:	User *user-name* on SCVPN *instance-name* logs on from *ip-address* (client), logs on failed.
Description:	User *user-name* whose IP address is *ip-address* failed to logged into SCVPN *instance-name* by the SCVPN client.
Solution:	N/A

ID:	0x45140606
Type:	Event
Severity:	Informational
Message:	User *user-name* on SCVPN *instance-name* is kicked out by administrator, allocated IP *ip-address*, SPI *SPI.*
Description:	User *user-name* who logged into SCVPN *instance-name* was kicked out by the administrator. Logged the user's IP address *ip-address* and SPI *SPI*.
Solution:	N/A

ID:	0x45140607
Type:	Event
Severity:	Informational
Message:	User *user-name* on SCVPN *instance-name* logs out (client), allocated IP *ip-address*, SPI *SPI*.
Description:	User *user-name* of SCVPN client logged out from SCVPN *instance-name*. Logged the user's IP address *ip-address* and SPI *SPI*.
Solution:	N/A

ID:	0x45140608
Type:	Event
Severity:	Informational
Message:	User *user-name* on SCVPN *instance-name* disconnect due to connection timeout, allocated IP *ip-address*, SPI *SPI*.
Description:	User *user-name* was disconnected from SCVPN *instance-name* due to connection timeout. Logged the user's IP address *ip-address* and SPI *SPI*.
Solution:	N/A

ID:	0x45140609
Type:	Event
Severity:	Informational
Message:	User *user-name* on SCVPN *instance-name* disconnect due to idle timeout, allocated IP *ip-address*, SPI *SPI*.
Description:	As the user *user-name* has been idle for the specified idle time, it was automatically disconnected from SCVPN *instance-name*. Logged the user's IP address *ip-address* and SPI *SPI*.
Solution:	N/A

ID:	0x4514060a
Type:	Event
Severity:	Informational
Message:	User *user-name* on SCVPN *instance-name* logs on from *ip-address* (web).
Description:	SCVPN user *user-name* whose IP address was *ip-address*

	logged into SCVPN *instance-name* via Web.
Solution:	N/A

ID:	0x45140620
Type:	Event
Severity:	Informational
Message:	User *user-name* on SCVPN *instance-name* logs on from *ip-address* (web), logs on failed, user name or passwd error.
Description:	Due to username/password error, SCVPN user *user-name* whose IP address was *ip-address* failed to log into SCVPN *instance-name* via Web.
Solution:	Check username/password and try again.

ID:	0x4514060c
Type:	Event
Severity:	Informational
Message:	User *user-name* on SCVPN *instance-name* logs on from *ip-address* (web), logs on failed.
Description:	SCVPN user *user-name* whose IP address was *ip-address* failed to log into SCVPN *instance-name* via Web.
Solution:	N/A

ID:	0x4514060d
Type:	Event
Severity:	Informational
Message:	User *user-name* on SCVPN *instance-name* logs out (web).
Description:	SCVPN user *user-name* whose IP address was *ip-address* logged out from SCVPN *instance-name* via Web.
Solution:	N/A

ID:	0x45140321
Type:	Event
Severity:	Errors
Message:	Error: *error-message*, may be socket aready closed.
Description:	An error occurred possibly because the socket was closed.
Solution:	N/A

ID:	0x45140322
Type:	Event
Severity:	Errors
Message:	SCVPN *instance-name* start error, may be the https-port is in use.
Description:	SCVPN *instance-name* failed to start possibly because its HTTPS port was being used by other applications.
Solution:	Change HTTPS port number.

ID:	0x45140610
Type:	Event
Severity:	Informational
Message:	SCVPN *instance-name* start hardware binding check.
Description:	SCVPN *instance-name* started hardware binding check.
Solution:	N/A

ID:	0x45140611
Type:	Event
Severity:	Informational
Message:	SCVPN *instance-name* stop hardware binding check.
Description:	SCVPN *instance-name* stopped hardware binding check.
Solution:	N/A

ID:	0x45140612
Type:	Event
Severity:	Informational
Message:	SCVPN *instance-name* add hardware binding user *user-name* host *host-id* reason *reason*.
Description:	A binding entry was added to SCVPN *instance-name*. Logged the binding entry's user (*user-name*), host (*host-id*), and adding method (*reason*).
Solution:	N/A

ID:	0x45140613
Type:	Event
Severity:	Informational
Message:	SCVPN *instance-name* remove hardware binding user *user-name* host *host-id*.
Description:	A binding entry was deleted from SCVPN *instance-name*. Logged the binding entry's user (*user-name*) and host (*host-id*).
Solution:	N/A

ID:	0x45140614
Type:	Event
Severity:	Informational
Message:	SCVPN *instance-name* hardware binding check user *user-name* host *host-id* failed.
Description:	SCVPN *instance-name* checked its bindings with SCVPN client hosts and logged all users (*user-name*)/hosts (*host-id*) which didn't pass the check.
Solution:	N/A

ID:	0x45140615
Type:	Event
Severity:	Informational
Message:	SCVPN *instance-name* hardware binding check user *user-name* host *host-id* successful.
Description:	SCVPN *instance-name* checked its bindings with SCVPN client hosts and logged all users (*user-name*)/hosts (*host-id*) which passed the check.
Solution:	N/A

ID:	0x45140616
Type:	Event
Severity:	Informational
Message:	SCVPN *instance-name* host check, user *user-name* security check successful.
Description:	SCVPN *instance-name* performed host check for SCVPN client hosts and logged all users (*user-name*)/hosts (*host-id*) which passed the check.
Solution:	N/A

ID:	0x45140417
Type:	Event
Severity:	Warnings
Message:	SCVPN *instance-name* host check, user *user-name* security check failed.
Description:	SCVPN *instance-name* performed host check for SCVPN client hosts and listed all users (*user-name*)/hosts (*host-id*) which didn’t pass the check.
Solution:	N/A

ID:	0x45140618
Type:	Event
Severity:	Informational
Message:	SCVPN *instance-name* exceed max connect limit.
Description:	SCVPN instance-name exceeded the maximum concurrent connection limit.
Solution:	N/A

ID:	0x45140423
Type:	Event
Severity:	Warnings
Message:	SCVPN *instance-name* exceed max user number limit.
Description:	SCVPN *instance-name* exceeded the maximum user number limit.
Solution:	N/A

ID:	0x45140624
Type:	Event
Severity:	Informational
Message:	SCVPN *instance-name action* client host cache clear when scvpn client disconnect.
Description:	SCVPN *instance-name action* client host cache clear when scvpn client disconnect.
Solution:	N/A

ID:	0x45140625
Type:	Event
Severity:	Error
Message:	SCVPN *tunnel* login failed, possible reason is that the SCVPN-online-user-number has reached *capacity*.
Description:	SCVPN *tunnel* login failed, possible reason is that the SCVPN-online-user-number has reached *capacity*.
Solution:	N/A

ID:	0x4514061a
Type:	Event
Severity:	Informational
Message:	SCVPN *instance-name* disconnect client *ip-address* when receive from client.
Description:	SCVPN *instance-name* disconnected from client *ip-address* when it received messages from the client.
Solution:	N/A

ID:	0x4514061b
Type:	Event
Severity:	Informational
Message:	SCVPN *instance-name* disconnect client *ip-address* when send to client.
Description:	SCVPN *instance-name* disconnected from client *ip-address* when it sent messages to the client.
Solution:	N/A

ID:	0x4514041c
Type:	Event
Severity:	Warnings
Message:	SCVPN *instance-name* client *ip-address* log on failed.
Description:	Client *ip-address* failed to log into SCVPN *instance-name*.
Solution:	N/A

ID:	0x4514061d
Type:	Event

Severity:	Informational
Message:	SCVPN *instance-name method IP address* user *username* sms auth success.
Description:	Successfully authenticated the user *username* through SMS. The SCVPN information is as follows: *instance-name, method,* and *IP address.*
Solution:	N/A

ID:	0x4514041e
Type:	Event
Severity:	Warnings
Message:	SCVPN *instance-name method IP address* user *username* sms auth failed, reason *reason*.
Description:	Failed to authenticate the user *username* through SMS due to *reason*. The SCVPN information is as follows: *instance-name*, *method*, and *IP address*.
Solution:	N/A

ID:	0x45080601
Type:	Event
Severity:	Informational
Message:	initiate new phase 1 negotiation: *source-address : source-port-destination-address destination-port*.
Description:	The device initiated Phase 1 negotiation from this end (*source-address: source-port*) to the peer (*destination-address destination-port*).
Solution:	N/A

ID:	0x45080602
Type:	Event
Severity:	Informational
Message:	ISAKMP-SA established, *source-address - destination-address* cookies: *Cookies.*
Description:	ISAKMP-SA has been established. Logged the local address *source-address*, the peer address *destination-address* and negotiation cookies *Cookies.*
Solution:	N/A

ID:	0x45080603
Type:	Event
Severity:	Informational
Message:	responded new phase 1 negotiation: *source-address : source-port - destination-address : destination-port.*
Description:	Phase 1 negotiation was responded. Logged the local address *source-address* and the peer address *destination-address.*

Solution:	N/A

ID:	0x45080604
Type:	Event
Severity:	Informational
Message:	initiate new phase 2 negotiation: *source-address : source-port - destination-address : destination-port.*
Description:	The device initiated Phase 2 negotiation from this end (*source-address: source-port*) to the peer (*destination-address destination-port*).
Solution:	N/A

ID:	0x45080605
Type:	Event
Severity:	Informational
Message:	responded new phase 2 negotiation: *source-address : source-port - destination-address : destination-port.*
Description:	Phase 2 negotiation was responded. Logged the local address *source-address* and the peer address *destination-address.*
Solution:	N/A

ID:	0x4508063a
Type:	Event
Severity:	Informational
Message:	Phase 2 ISAKMP SA has established *source-address : source-port – destination-address: destination-port*, ISAKMP SA index= *index.*
Description:	Phase 2 negotiation has been established. Logged the local address *source-address*, the peer address *destination-address* and negotiation ISAKMP SA index *index.*
Solution:	N/A

ID:	0x45080607
Type:	Event
Severity:	Informational
Message:	Purge ISAKMP-SA, cookies=*cookies*.
Description:	ISAKMP-SA was cleared. Logged ISAKMP SA Cookies *cookies*.
Solution:	N/A

ID:	0x4508063b
Type:	Event
Severity:	Informational
Message:	Purge IPsec-SA, proto_id=*ID*, spi=0x*SPI*08x.
Description:	IPsec-SA was cleared. Logged IPsec-SA SA protocol ID *ID*

	and SPI 0x*SPI*08x.
Solution:	N/A

ID:	0x4508063c
Type:	Event
Severity:	Informational
Message:	ISAKMP-SA expired, *source-address : source-port - destination-address : destination-port,* cookies: *Cookies.*
Description:	ISAKMP-SA has expired. Logged the local address/port *source-address: source-port*, the peer address/port *destination-address: destination-port* and cookies *Cookies.*
Solution:	N/A

ID:	0x4508063d
Type:	Event
Severity:	Informational
Message:	Phase2 ISAKMP-SA has expired, *source-address - destination-address.*
Description:	Phase 2 ISAKMP-SA has expired. Logged the local address *source-address* and peer address *destination-address.*
Solution:	N/A

ID:	0x4508030b
Type:	Event
Severity:	Errors
Message:	phase1 negotiation failed due to time up. *Index.*
Description:	Phase 1 negotiation failed due to timeout. The Phase 1 SA index is *Index*.
Solution:	The reasons for this P1 failure can be unmatched ID, pre-shared key, proposal or authentication certificate. Check these settings.

ID:	0x4508030c
Type:	Event
Severity:	Errors
Message:	Phase2 negotiation failed due to time up. *Index.*
Description:	Phase 2 negotiation failed due to timeout. The Phase 1 SA index is *Index*.
Solution:	The reasons for this P2 failure can be unmatched ID or proposal. Check these settings.

ID:	0x4508060d
Type:	Event
Severity:	Informational
Message:	Peer trying to connect dial-up VPN, IP= *IP address:port*, id: *ID*

Description:	The remote peer tried to connect to dial-up VPN. Logged the dial-up IP address *IP address:port* and ID *ID*.
Solution:	N/A

ID:	0x4508060e
Type:	Event
Severity:	Informational
Message:	IPSec SA *ID* idle timeout, IP= *IP address*, spi: *SPI*08x.
Description:	IPSec SA was disconnected due to idle timeout. The peer IP address is *IP address* and SPI is *SPI*08x.
Solution:	N/A

ID:	0x4508060f
Type:	Event
Severity:	Informational
Message:	Get configuration through PnPVPN, configurations are: *configuration information*..
Description:	The configurations *configuration information* were obtained through PnPVPN.
Solution:	N/A

ID:	0x45086610
Type:	Network
Severity:	Informational
Message:	Failed to get ISAKMP peer, source address =*source-address*, destination address =*destination-address*, id=*ID.*
Description:	The system did not find the gateway that matches the source IP address *source-address*, destination IP address *destination-address,* and the ID *ID*.
Solution:	N/A

ID:	0x45086611
Type:	Network
Severity:	Informational
Message:	Phase1(main mode/initiator): ISAKMP peer *ISKAMP-peer* send the first message.
Description:	In the phase 1 (main mode/initiator), the ISKAMP gateway *ISAKMP-peer* sent the first packet.
Solution:	N/A

ID:	0x45086612
Type:	Network
Severity:	Informational
Message:	Phase1(main mode/responder): ISAKMP peer *ISKAMP-peer* received the first message.
Description:	In the phase 1 (main mode/responder), the ISKAMP

	gateway *ISAKMP-peer* received the first packet.
Solution:	N/A

ID:	0x45086613
Type:	Network
Severity:	Informational
Message:	Phase1(main mode/initiator): ISAKMP peer *ISKAMP-peer* send the second message.
Description:	In the phase 1 (main mode/initiator), the ISKAMP gateway *ISAKMP-peer* sent the second packet.
Solution:	N/A

ID:	0x45086614
Type:	Network
Severity:	Informational
Message:	Phase1(main mode/responder): ISAKMP peer *ISKAMP-peer* received the second message.
Description:	In the phase 1 (main mode/responder), the ISKAMP gateway *ISAKMP-peer* received the second packet.
Solution:	N/A

ID:	0x45086615
Type:	Network
Severity:	Informational
Message:	Phase1(main mode/initiator): ISAKMP peer *ISKAMP-peer* send the third message.
Description:	In the phase 1 (main mode/initiator), the ISKAMP gateway *ISAKMP-peer* sent the third packet.
Solution:	N/A

ID:	0x45086616
Type:	Network
Severity:	Informational
Message:	Phase1(main mode/responder): ISAKMP peer *ISKAMP-peer* received the third message.
Description:	In the phase 1 (main mode/responder), the ISKAMP gateway *ISAKMP-peer* received the third packet.
Solution:	N/A

ID:	0x45086617
Type:	Network
Severity:	Informational
Message:	Phase1(main mode/initiator): ISAKMP peer *ISKAMP-peer* send the fourth message.
Description:	In the phase 1 (main mode/initiator), the ISKAMP gateway *ISAKMP-peer* sent the fourth packet.

Solution:	N/A

ID:	0x45086618
Type:	Network
Severity:	Informational
Message:	Phase1(main mode/responder): ISAKMP peer *ISKAMP-peer* received the fourth message.
Description:	In the phase 1 (main mode/responder), the ISKAMP gateway *ISAKMP-peer* received the fourth packet.
Solution:	N/A

ID:	0x45086619
Type:	Network
Severity:	Informational
Message:	Phase1(main mode/initiator): ISAKMP peer *ISKAMP-peer* send the fifth message.
Description:	In the phase 1 (main mode/initiator), the ISKAMP gateway *ISAKMP-peer* sent the fifth packet.
Solution:	N/A

ID:	0x4508661a
Type:	Network
Severity:	Informational
Message:	Phase1(main mode/responder): ISAKMP peer *ISKAMP-peer* received the fifth message.
Description:	In the phase 1 (main mode/responder), the ISKAMP gateway *ISAKMP-peer* received the fifth packet.
Solution:	N/A

ID:	0x4508661b
Type:	Network
Severity:	Informational
Message:	Phase1(main mode/initiator): ISAKMP peer *ISKAMP-peer* send the sixth message.
Description:	In the phase 1 (main mode/initiator), the ISKAMP gateway *ISAKMP-peer* sent the sixth packet.
Solution:	N/A

ID:	0x4508661c
Type:	Network
Severity:	Informational
Message:	Phase1(main mode/responder): ISAKMP peer *ISKAMP-peer* received the sixth message.
Description:	In the phase 1 (main mode/responder), the ISKAMP gateway *ISAKMP-peer* received the sixth packet.
Solution:	N/A

ID:	0x4508661d
Type:	Network
Severity:	Informational
Message:	Phase1: ISAKMP peer *ISKAMP-peer* get invalid ID.
Description:	In the phase 1, the ISKAMP gateway *ISKAMP-peer* failed check the ID.
Solution:	N/A

ID:	0x4508661e
Type:	Network
Severity:	Informational
Message:	Phase1: ISAKMP peer *ISKAMP-peer* check proposal failed.
Description:	In the phase 1, the ISKAMP gateway *ISKAMP-peer* failed to check the proposal.
Solution:	N/A

ID:	0x4508661f
Type:	Network
Severity:	Informational
Message:	Phase1(aggressive mode/initiator): ISAKMP peer *ISKAMP-peer* sent the first message.
Description:	In the phase 1 (aggressive mode/initiator), the ISKAMP gateway *ISAKMP-peer* sent the first packet.
Solution:	N/A

ID:	0x45086620
Type:	Network
Severity:	Informational
Message:	Phase1(aggressive mode/responder): ISAKMP peer *ISKAMP-peer* received the first message.
Description:	In the phase 1 (aggressive mode/responder), the ISKAMP gateway *ISAKMP-peer* received the first packet.
Solution:	N/A

ID:	0x45086621
Type:	Network
Severity:	Informational
Message:	Phase1(aggressive mode/initiator): ISAKMP peer *ISKAMP-peer* sent the second message.
Description:	In the phase 1 (aggressive mode/initiator), the ISKAMP gateway *ISAKMP-peer* sent the second packet.
Solution:	N/A

ID:	0x45086622

Type:	Network
Severity:	Informational
Message:	Phase1(aggressive mode/responder): ISAKMP peer *ISKAMP-peer* received the second message.
Description:	In the phase 1 (aggressive mode/ responder), the ISKAMP gateway *ISAKMP-peer* received the second packet.
Solution:	N/A

ID:	0x45086623
Type:	Network
Severity:	Informational
Message:	Phase1(aggressive mode/initiator): ISAKMP peer *ISKAMP-peer* sent the third message.
Description:	In the phase 1 (aggressive mode/initiator), the ISKAMP gateway *ISAKMP-peer* sent the third packet.
Solution:	N/A

ID:	0x45086624
Type:	Network
Severity:	Informational
Message:	Phase1(aggressive mode/responder): ISAKMP peer *ISKAMP-peer* received the third message.
Description:	In the phase 1 (aggressive mode/responder), the ISKAMP gateway *ISAKMP-peer* received the third packet.
Solution:	N/A

ID:	0x45086625
Type:	Network
Severity:	Informational
Message:	Phase2(initiator): vpn *VPN* send the first message.
Description:	In the phase 2 (initiator), VPN *VPN* sent the first message.
Solution:	N/A

ID:	0x45086626
Type:	Network
Severity:	Informational
Message:	Phase2(responder): vpn *VPN* received the first message.
Description:	In the phase 2 (responder), VPN *VPN* received the first message.
Solution:	N/A

ID:	0x45086627
Type:	Network
Severity:	Informational
Message:	Phase2 (responder): vpn *VPN* sent the second message.

Description:	In the phase 2 (responder), VPN *VPN* sent the second message.
Solution:	N/A

ID:	0x45086628
Type:	Network
Severity:	Informational
Message:	Phase2(initiator): vpn *VPN* received the second message.
Description:	In the phase 2 (initiator), VPN *VPN* received the second message.
Solution:	N/A

ID:	0x45086629
Type:	Network
Severity:	Informational
Message:	Phase2(initiator): vpn *VPN* sent the third message.
Description:	In the phase 2 (initiator), VPN *VPN* sent the third message.
Solution:	N/A

ID:	0x4508662a
Type:	Network
Severity:	Informational
Message:	Phase2(responder): vpn *VPN* received the third message.
Description:	In the phase 2 (responder), VPN *VPN* received the third message.
Solution:	N/A

ID:	0x4508662b
Type:	Network
Severity:	Informational
Message:	Phase2(responder): vpn *VPN* sent the fourth message.
Description:	In the phase 2 (responder), VPN *VPN* sent the fourth message.
Solution:	N/A

ID:	0x4508662c
Type:	Network
Severity:	Informational
Message:	Phase2(initiator): vpn *VPN* received the fourth message.
Description:	In the phase 2 (initiator), VPN *VPN* received the fourth message.
Solution:	N/A

ID:	0x4508662d

Type:	Network
Severity:	Informational
Message:	Phase2: Check proxy id failed.
Description:	In the phased 2, failed to check the proxy ID.
Solution:	N/A

ID:	0x4508662e
Type:	Network
Severity:	Informational
Message:	Phase2: Check protocol failed.
Description:	In the phased 2, failed to check the proposal.
Solution:	N/A

ID:	0x4508662f
Type:	Network
Severity:	Informational
Message:	VPN track: IPSec tunnel *tunnel* (gw: *ISAKMP peer*) turn to dead.
Description:	The VPN track discovered that the IPSec tunnel *tunnel (ISAKMP peer gateway)* became invalid.
Solution:	N/A

ID:	0x45086630
Type:	Network
Severity:	Informational
Message:	VPN track: IPSec tunnel *tunnel* (gw: *ISAKMP peer*) turn to alive.
Description:	The VPN track discovered that the IPSec tunnel *tunnel (ISAKMP peer gateway)* became valid.
Solution:	N/A

ID:	0x45086631
Type:	Network
Severity:	Informational
Message:	Failed to execute CLI(*CLI*) on PNPVPN client(*client*)! Error message (*error-message*).
Description:	Failed to execute the commands *CLI* in the PnPVPN client *client*. Error message: *error-message*.
Solution:	N/A

ID:	0x45086632
Type:	Network
Severity:	Informational
Message:	The negotiate failed (Peer IP *IP-address*, Peer ID *ID*), due to

	the number of cache packets limit.
Description:	Failed to negotiate with the peer (*IP-address* and *ID*) due to the limit of the cache packet numbers.
Solution:	N/A

ID:	0x45080434
Type:	Event
Severity:	Warnings
Message:	IPSec tunnel: *tunnel-name* connected.
Description:	The connection to the IPSec tunnel *tunnel-name* was established.
Solution:	N/A

ID:	0x45080435
Type:	Event
Severity:	Warning
Message:	IPSec tunnel: *tunnel-name* disconnected.
Description:	The connection to the IPSec tunnel *tunnel-name* was disconnected.
Solution:	N/A

ID:	0x462c0301
Type:	Event
Severity:	Errors
Message:	IPSec bad SPI detected: *source-address* -> *destination-address*, SA *ID*, SPI:*SPI*, should be: *correct SPI*.
Description:	An IPSec SPI error was detected. Logged the source address *source-address* and destination address *destination-address* of the wrong SPI packet; its SA was *ID* and the correct SPI should be *SPI*.
olution:	Normally, the system automatically fixes this bug. If it fails to fix, enable DPD to perform peer status check.

ID:	0x462c0402
Type:	Event
Severity:	Warnings
Message:	SA *ID* is SSL, but its tunnel out_next is 0.
Description:	SSL VPN SA *ID* was detected, but it lacked UDP tunnel.
Solution:	N/A

ID:	0x462c0403
Type:	Event
Severity:	Warnings
Message:	IPSec replay packet detected: *source-address* -> *destination-address*, *protocol*, SPI:*SPI*, Seq:*sequence*.

Description:	An IPSec replay packet was detected. Logged the source address *source-address*, destination address *destination-address*, protocol *protocol*, SPI *SPI* and sequence number *sequence* of the packet.
Solution:	Check for replay attacks.

ID:	0x450c0601
Type:	Event
Severity:	Informational
Message:	User *user-name* logs in from *public-ip*, tunnel id=*ID*, call id=*ID*, assigned IP *private-ip*.
Description:	User *user-name* logged in from Internet address *public-ip* and was assigned with tunnel ID *ID*, call ID *ID* and private IP *private-ip*.
Solution:	N/A

ID:	0x450c0602
Type:	Event
Severity:	Informational
Message:	User *user-name* leaves from *public-ip*, tunnel id=*ID*, call id=*ID*, assigned IP *private-ip*.
Description:	User *user-name* left Internet address *public-ip*. Its tunnel ID was *ID*, call ID was *ID* and assigned IP was *private-ip*.
Solution:	N/A

ID:	0x450c0603
Type:	Event
Severity:	Informational
Message:	Kick user *user-name*, his public IP *public-ip*, tunnel id=*ID*, call id=*ID*, assigned IP *private-ip*.
Description:	User *user-name* was kicked out from VPN. Its Internet address was *public-ip*, tunnel ID was *ID*, call ID was *ID* and assigned IP was *private-ip*.
Solution:	N/A

ID:	0x450c0604
Type:	Event
Severity:	Informational
Message:	Clear L2TP tunnel *tunnel-name* all users related will be disconnected.
Description:	L2TP tunnel *tunnel-name* was cleared and all related users would be disconnected.
Solution:	N/A

ID:	0x450c0605
Type:	Event

Severity:	Informational
Message:	L2TP tunnel *tunnel-ID* prepares to disconnect for retransmission timeout, all users related will be disconnected.
Description:	L2TP tunnel *tunnel-ID* was about to be disconnected due to retransmission timeout. All related users would be disconnected.
Solution:	N/A

ID:	0x450c0606
Type:	Event
Severity:	Informational
Message:	L2TP tunnel *tunnel-ID* disconnects for retransmission timeout, all users related will be disconnected.
Description:	L2TP tunnel *tunnel-ID* was disconnected due to retransmission timeout. All related users were disconnected.
Solution:	N/A

ID:	0x450c0607
Type:	Event
Severity:	Informational
Message:	L2TP tunnel *tunnel-name* user *user-name* assigned IP *IP-address* from aaa-server is invalid.
Description:	The user *user-name* who has been authenticated successfully by the L2TP tunnel *tunnel-name* was assigned an invalid IP address *IP-address* from the AAA server.
Solution:	N/A

ID:	0x450c0608
Type:	Event
Severity:	Informational
Message:	L2TP tunnel *tunnel-name* user *user-name* assigned IP *IP-address* from aaa-server is invalid.
Description:	The user *user-name* who has been authenticated successfully by the L2TP tunnel *tunnel-name* was assigned an IP address *IP-address* from the AAA server. The assigned IP address was conflicted with the IP address of other users.
Solution:	N/A

ID:	0x450c0609
Type:	Event
Severity:	Informational
Message:	L2TP tunnel *tunnel-name* user *user-name* assigned IP *IP-address* from aaa-server conflicts with local address pool.
Description:	The user *user-name* who has been authenticated successfully by the L2TP tunnel *tunnel-name* was assigned an IP address *IP-address* from the AAA server. The assigned

	IP address was conflicted with the local IP address.
Solution:	N/A

ID:	0x45086632
Type:	Network
Severity:	Informational
Message:	The negotiate failed (Peer IP *IP-address*, Peer ID *ID*), due to the number of cache packets limit.
Description:	The negotiation from the device to the peer (IP: *IP-address*, Peer ID: *ID*) failed due to cache packet limit.
Solution:	N/A

ID:	0x411c0601
Type:	Event
Severity:	Informational
Message:	Send *message-type* message to *phone-number*, success.
Description:	Succeeded in sending message of *message-type* to the phone *phone-number*.
Solution:	N/A

ID:	0x411c0602
Type:	Event
Severity:	Warnings
Message:	Send *message-type* message to *phone-number* failed, reason *reason*.
Description:	Failed to send message of *message-type* to the phone *phone-number* due to the reason *reason*.
Solution:	N/A

ID:	0x4514061d
Type:	Event
Severity:	Informational
Message:	SCVPN *instance-name login-type ip-address* user *user-name* sms auth success.
Description:	User *user-name* whose IP address was *ip-address* logged into SCVPN *instance-name* through *login-type*, and SMS authentication succeeded.
Solution:	N/A

ID:	0x4514061e
Type:	Event
Severity:	Warnings
Message:	SCVPN *instance-name login-type ip-address* user *user-name* sms auth failed, reason *reason*.
Description:	User *user-name* whose IP address was *ip-address* logged into SCVPN *instance-name* through *login-type*, but SMS

	authentication failed due to reason *reason*.
Solution:	N/A

ID:	0x45086632
Type:	Network
Severity:	Informational
Message:	The negotiate failed (Peer IP *IP-address*, Peer ID *ID*), due to the number of cache packets limit.
Description:	The negotiation failed (Peer IP *IP-address*, Peer ID *ID*) due to the limit of cached packets.
Solution:	N/A

ID:	0x45080636
Type:	Event
Severity:	Informational
Message:	XAUTH user *username* (remote IP: *IP-address*) logged in.
Description:	XAUTH user *username* (remote IP address: *IP-address*) logged in.
Solution:	N/A

ID:	0x45080637
Type:	Event
Severity:	Informational
Message:	Authentication failure of XAUTH user *username* (remote IP: *IP-address*).
Description:	Failed to authenticate XAUTH user *username* (remote IP address: *IP-address*).
Solution:	N/A

ID:	0x45080638
Type:	Event
Severity:	Informational
Message:	Authentication failure of XAUTH user *username* (remote IP: *IP-address*) due to no response from AAA.
Description:	Failed to authenticate XAUTH user *username* (remote IP address: *IP-address*) due to no response from the AAA server.
Solution:	N/A

ID:	0x45080639
Type:	Event
Severity:	Informational
Message:	XAUTH user *username* (remote IP: *IP-address*) logged out.
Description:	XAUTH user *username* (remote IP address: *IP-address*) logged out.

Solution:	N/A

ID:	0x4508063e
Type:	Event
Severity:	Informational
Message:	Random *test-type* self test *test-result*.
Description:	Random *test-type* self test *test-result*..
Solution:	N/A

ID:	0x4508063f
Type:	Event
Severity:	Informational
Message:	*alg-type* algorithm self test *test-result*.
Description:	*alg-type* algorithm self test *test-result*.
Solution:	N/A

ID:	0x45180601
Type:	Event
Severity:	Informational
Message:	Send *type* short message to client *client-ID* success,phone number is *number*.
Description:	Short message of *type* type was sent to the client *client-ID* successfully, the phone number is *number*.
Solution:	N/A

ID:	0x45180402
Type:	Event
Severity:	Warnings
Message:	SCVPN client *name method IP-address* user *username* SMS authentication failed, reason is *reason*.
Description:	SMS authentication for the SCVPN client *name* (the connection method is *method*, IP address is *IP-address,* username is *username*) failed due to *reason.*
Solution:	N/A

ID:	0x45180303
Type:	Event
Severity:	Error
Message:	Send *type* message to client *client-name* failed,phone number is *number*,failed reason *reason*.
Description:	Failed to send short message of *type* type to the client *client-ID* due to *reason*, the phone number is *number*.
Solution:	N/A

ID:	0x451c0601

Type:	Event
Severity:	Informational
Message:	IKE SA has been established for *peer*.
Description:	Has established IKE SA with the peer *peer*.
Solution:	N/A

HSM Agent

ID:	0x42300301
Type:	Event
Severity:	Errors
Message:	Alarm, agent is in abnormal state.
Description:	This is an alarm informing that HSM agent was in abnormal status.
Solution:	N/A

ID:	0x42400501
Type:	Event
Severity:	Notifications
Message:	Successfully connected to network manager server *server-name*.
Description:	The device has successfully established a connection to HSM server *server-name*.
Solution:	N/A

ID:	0x42400502
Type:	Event
Severity:	Notifications
Message:	Connection lost to network manager server *server-name*.
Description:	The device and HSM server *server-name* were disconnected.
Solution:	N/A

ID:	0x42400503
Type:	Event
Severity:	Notifications
Message:	Connection timeout to network manager server *server-name*.
Description:	The heartbeat transmissions between the device and the HSM server *server-name* had timeout.
Solution:	N/A

ID:	0x4230050c
Type:	Event
Severity:	Notifications
Message:	I/O operation to server has been interrupted, try again, error: *HSM agent name*.
Description:	Input/Output operation to the HSM server has been interrupted and the device tried to reconnect. The fault occurred on HSM agent *agent name*.
Solution:	N/A

ID:	0x4230050d
Type:	Event
Severity:	Notifications
Message:	Registering to the following server failed: *HSM agent name*.
Description:	HSM agent *HSM agent name* failed to register itself to HSM server.
Solution:	N/A

ID:	0x4230050e
Type:	Event
Severity:	Notifications
Message:	Registering to the following server succeed: *HSM agent name*.
Description:	HSM agent *HSM agent name* has successfully registered itself to the server.
Solution:	N/A

ID:	0x4230050f
Type:	Event
Severity:	Notifications
Message:	HSM has been enabled.
Description:	HSM has been enabled.
Solution:	N/A

ID:	0x42300510
Type:	Event
Severity:	Notifications
Message:	HSM has been disabled.
Description:	HSM has been disabled.
Solution:	N/A

ID:	0x42300511
Type:	Event
Severity:	Notifications
Message:	HSM has been configured.
Description:	HSM has been configured.
Solution:	N/A

AV

ID:	0x44400601
Type:	Event
Severity:	Informational
Message:	AV module initialization is successful.
Description:	AV module initialization is succeeded.
Solution:	N/A

ID:	0x44400402
Type:	Event
Severity:	Warnings
Message:	AV module initialization failed: *failure reason*.
Description:	AV module initialization failed due to *failure reason*.
Solution:	N/A

ID:	0x44400603
Type:	Event
Severity:	Informational
Message:	AV signature loading successful, virus database *database name*, version *version number*, release date *date*, signature number *number*.
Description:	AV signature loading succeeded. Logged the name, version, release date and signature number of the AV database.
Solution:	N/A

ID:	0x44400404
Type:	Event
Severity:	Warnings
Message:	AV signature loading failed: *failure reason*, virus database *database name*, version *version number*, release date *date*, signature number *number*.
Description:	AV signature loading failed due to *failure reason*. Logged the name, version, release date and signature number of the AV database.
Solution:	N/A

ID:	0x44400205
Type:	Event
Severity:	Critical
Message:	AV status is *status*.
Description:	AV status is *status*.
Solution:	N/A

ID:	0x46405401

Type:	Security
Severity:	Warnings
Message:	from *source-ip source-port* to *destination-ip destination-port*, application *application*, URL *URL*, virus detected *virus-name*, action {fill-magic | log-only | reset-conn}.
Description:	Virus *virus-name* has been detected in the application protocol *application* from *source-ip: source-port* to *destination-ip: destination-port* of the website *URL*. The system took the action {fill-magic | log-only | reset-conn}.
Solution:	N/A

ID:	0x4640940b
Type:	Threat
Severity:	Warnings
Message:	F*rom* srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender* URL *URL*, profile: p*rofile-name*, threat severity: *severity*, policy id: *policy-ID.*
Description:	The system detects a threat,f*rom* srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender* URL *URL*, profile: p*rofile-name*, threat severity: *severity*, policy id: *policy-ID*.
Solution:	N/A

ID:	0x46405402
Type:	Security
Severity:	Warnings
Message:	Alarm! virus *virus-name* occurred *N* times in *X* seconds.
Description:	This is an alarm: virus *virus-name* has appeared *N* times in *X* seconds.
Solution:	N/A

ID:	0x4640040c
Type:	Event
Severity:	Warnings
Message:	from *source-ip source-port* to *destination-ip destination-port*, application *application*, URL *URL*, exceed the max allowed *capacity* capacity of this platform, action {fill-magic | log-only | reset-conn}.
Description:	When the system was scanning the application protocol *application* from *source-ip: source-port* to *destination-ip: destination-port* of the website *URL*, the concurrent decompression capacity *capacity* exceeded the maximum limit of the platform. The device took the action {fill-

	magic | log-only | reset-conn}.
Solution:	N/A

ID:	0x4640040d
Type:	Event
Severity:	Warnings
Message:	from *source-ip source-port* to *destination-ip destination-port*, application *application*, URL *URL*, exceed the max allowed decompression recursion *number*, action {log-only | reset-conn}.
Description:	When the system was scanning the application protocol *application* from *source-ip: source-port* to *destination-ip: destination-port* of the website *URL*, the decompression recursion number *number* exceeded the maximum limit. The device took the action {log-only | reset-conn}.
Solution:	N/A

ID:	0x46400205
Type:	Event
Severity:	Critical
Message:	Warning:*reason*， anti-virus feature is disabled, please reboot device to enable main card anti-virus feature or *reason*.
Description:	The system generated the warning due to the reason *reason*. The anti-virus function had been invalid. Reboot the device to enable the anti-virus feature of the main card. Or you can perform the action *reason*.
Solution:	N/A

ID:	0x46405409
Type:	Security
Severity:	Warnings
Message:	from *source-ip source-port* to *destination-ip destination-port*, application *application*, URL *URL*, exceed the max allowed file size *size*, action {log-only | reset-conn}.
Description:	When the system was scanning the application protocol *application* from *source-ip: source-port* to *destination-ip: destination-port* of the website *URL*, the file size *size* exceeded the maximum limit. The device took the action {log-only | reset-conn}.
Solution:	N/A

ID:	0x46405407
Type:	Security
Severity:	Warnings
Message:	from *source-ip source-port* to *destination-ip destination-port*, application *application*, URL *URL*, alloc memory size *size* failed,

	action {log-only | reset-conn}.
Description:	When the system was scanning the application protocol *application* from *source-ip: source-port* to *destination-ip: destination-port* of the website *URL*, it failed to allocate memory size *size*. The device took the action {log-only | reset-conn}.
Solution:	N/A

ID:	0x46405408
Type:	Security
Severity:	Warnings
Message:	from *source-ip source-port* to *destination-ip destination-port*, application *application*, URL *URL*, *encryped-file*, action {log-only | reset-conn}.
Description:	When the system was scanning the application protocol *application* from *source-ip: source-port* to *destination-ip: destination-port* of the website *URL*, it detected encrypted file *encryped-file*. The device took the action {log-only | reset-conn}.
Solution:	N/A

ID:	0x4640040e
Type:	Event
Severity:	Warnings
Message:	from *source-ip source-port* to *destination-ip destination-port*, application *application*, URL *URL*, exceed the max decompression capacity of the hardware, action {log-only | reset-conn}.
Description:	When the system was scanning the application protocol *application* from *source-ip: source-port* to *destination-ip: destination-port* of the website *URL*, the decompression capacity exceeded the maximum limit. The device took the action {log-only | reset-conn}.
Solution:	N/A

ID:	0x4640040f
Type:	Event
Severity:	Warnings
Message:	from *source-ip source-port* to *destination-ip destination-port*, application *application*, URL *URL*, failed to allocate memory size *memory* action {log-only | reset-conn}.
Description:	When the system was scanning the application protocol *application* from *source-ip source-port* to *destination-ip destination-port*, application *application*, URL *URL*, failed to allocate memory size *memory* action {log-only | reset-conn}.
Solution:	N/A

ID:	0x46400410
Type:	Event

Severity:	Warnings
Message:	from *source-ip source-port* to *destination-ip destination-port*, application *application*, URL *URL*, *encrypted-file*，action {log-only | reset-conn}.
Description:	When the system was scanning the application protocol *application* from *source-ip source-port* to *destination-ip destination-port*, application *application*, URL *URL*, *encrypted-file*，action {log-only | reset-conn}.
Solution:	N/A

ID:	0x46400411
Type:	Event
Severity:	Warnings
Message:	from *source-ip source-port* to *destination-ip destination-port*, application *application*, URL *URL*, exceed the max allowed file size *size*, action {log-only | reset-conn}.
Description:	When the system was scanning the application protocol *application* from *source-ip source-port* to *destination-ip destination-port*, application *application*, URL *URL*, exceed the max allowed file size *size*, action {log-only | reset-conn}.
Solution:	N/A

IPS

ID:	0x44780201
Type:	Event
Severity:	Critical
Message:	IPS status is:*status*.
Description:	The IPS status is *status.*
Solution:	N/A

ID:	0x48048401
Type:	IPS N/A
Severity:	Warnings
Message:	From *source-IP-source-port* to *destination-IP-destination-port*, detected bad protocol packet, Error ID: *ID*, Error Name: *name*, action: {log-only | reset}, [block attacker {service | IP} *N* seconds].
Description:	Wrong protocol packet was detected in the traffic from *source-IP-source-port* to *destination-IP-destination-port*. Logged the error ID, its corresponding name and the system action against the error. Note that the error ID refers to IPS signature ID. For more information, see *Hillstone StoneOS User Guide*.
Solution:	IPS signatures are posted online. You can find a specific signature description page for solution.

ID:	0x4804940c
Type:	Threat
Severity:	Warnings
Message:	Warning：From srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender* Error ID ： *Error-ID*, profile: p*rofile-name*, threat severity: *severity*, policy id: *policy-ID*.
Description:	Warning：From srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender* Error ID ： *Error-ID*, profile: p*rofile-name*, threat severity: *severity*, policy id: *policy-ID*.
Solution:	N/A.

ID:	0x48049418
Type:	Threat
Severity:	Warnings
Message:	Warning：From srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name*: threat name,* threat type*: threat type,* threat subtype*:*

	threat subtype, App/Protocol*: App/Protocol,* action*: action,* defender*: defender* Error ID：*Error-ID*, profile: p*rofile-name*, threat severity: *severity*, policy id: *policy-ID* ,aggregation attack count*: count*.
Description:	Warnings：F*rom* srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender* Error ID：*Error-ID*, profile: p*rofile-name*, threat severity: *severity*, policy id: *policy-ID* ,aggregation attack count*: count*.
Solution:	N/A.

ID:	0x48049614
Type:	Threat
Severity:	Informational
Message:	INFO：F*rom* srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender* Error ID：*Error-ID*, profile: p*rofile-name*, threat severity: *severity*, policy id: *policy-ID*.
Description:	F*rom* srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender* Error ID：*Error-ID*, profile: p*rofile-name*, threat severity: *severity*, policy id: *policy-ID*.
Solution:	N/A.

ID:	0x48049619
Type:	Threat
Severity:	Informational
Message:	INFO：F*rom* srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender* Error ID：*Error-ID*, profile: p*rofile-name*, threat severity: *severity*, policy id: *policy-ID* ,aggregation attack count*: count*.
Description:	INFO：F*rom* srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender* Error ID：*Error-ID*, profile: p*rofile-name*, threat severity: *severity*, policy id: *policy-ID* ,aggregation attack count*: count.*
Solution:	N/A.

ID:	0x48049215

Type:	Threat
Severity:	Critical
Message:	CRITICAL! *From* srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender* Error ID：*Error-ID*, profile: p*rofile-name*, threat severity: *severity*, policy id: *policy-ID*.
Description:	CRITICAL! *From* srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender* Error ID：*Error-ID*, profile: p*rofile-name*, threat severity: *severity*, policy id: *policy-ID.*
Solution:	N/A.

ID:	0x4804921a
Type:	Threat
Severity:	Critical
Message:	CRITICAL! *From* srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender* Error ID：*Error-ID*, profile: p*rofile-name*, threat severity: *severity*, policy id: *policy-ID* ,aggregation attack count*: count*.
Description:	CRITICAL! *From* srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender* Error ID：*Error-ID*, profile: p*rofile-name*, threat severity: *severity*, policy id: *policy-ID* ,aggregation attack count*: count*.
Solution:	N/A.

ID:	0x48048601
Type:	IPS
Severity:	Informational
Message:	From *source-IP-source-port* to *destination-IP-destination-port*, detected bad protocol packet, Error ID: *ID*, Error Name: *name*, action: {log-only | reset}, [block attacker {service | IP} *N* seconds].
Description:	Wrong protocol packet was detected in the traffic from *source-IP-source-port* to *destination-IP-destination-port*. Logged the error ID, its corresponding name and the system action against the error. Note that the error ID refers to IPS signature ID. For more information, see *Hillstone StoneOS User Guide*.
Solution:	IPS signatures are posted online. You can find a specific signature description page for solution.

ID:	0x48048201
Type:	IPS
Severity:	Critical
Message:	From *source-IP-source-port* to *destination-IP-destination-port*, detected bad protocol packet, Error ID: *ID*, Error Name: *name*, action: {log-only | reset}, [block attacker {service | IP} *N* seconds].
Description:	Wrong protocol packet was detected in the traffic from *source-IP-source-port* to *destination-IP-destination-port*. Logged the error ID, its corresponding name and the system action against the error. Note that the error ID refers to IPS signature ID. For more information, see *Hillstone StoneOS User Guide*.
Solution:	IPS signatures are posted online. You can find a specific signature description page for solution.

ID:	0x48040602
Type:	Event
Severity:	Informational
Message:	Packet dumping: *packet-info*.
Description:	Show attacking packet information when the system detects any IPS attacke.
Solution:	N/A

ID:	0x48088601
Type:	IPS
Severity:	Informational
Message:	From *source-IP-source-port* to *destination-IP-destination-port*, detected network intrusion, ID: *ID*, Name: *name*, action: {log-only | reset}, [block attacker {service | IP} *N* seconds].
Description:	An intrusion attack was detected in the traffic from *source-IP-source-port* to *destination-IP-destination-port*. Logged the error ID, its corresponding name and the system action against the error.
Solution:	IPS signatures are posted online. You can find a specific signature description page for solution.

ID:	0x48088201
Type:	IPS
Severity:	Critical
Message:	From *source-IP-source-port* to *destination-IP-destination-port*, detected network intrusion, ID: *ID*, Name: *name*, action: {log-only | reset}, [block attacker {service | IP} *N* seconds].
Description:	An intrusion attack was detected in the traffic from *source-IP-source-port* to *destination-IP-destination-port*. Logged the error ID, its corresponding name and system action against the error.

Solution:	IPS signatures are posted online. You can find a specific signature description page for solution.

ID:	0x48048403
Type:	IPS
Severity:	Warnings
Message:	Detected illegal external link in requested URL *site_name request_url*, action:*action*, external link URL: *external_url*.
Description:	Illegal external link was detected in the requested URL *site_name request_url.* Logged the action against the external link URL *external_url*.
Solution:	IPS signatures are posted online. You can find a specific signature description page for solution.

ID:	0x4804940d
Type:	Threat
Severity:	Warnings
Message:	From srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender* request site: *site-name*, URL: *URL*, Error ID :*error-ID*, external link URL: *URL* profile: *profile-name*, threat severity: *severity*, policy id: *policy-id*
Description:	The system detects a threat,*from* srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender* request site: *site-name*, URL: *URL*, Error ID :*error-ID*, external link URL: *URL* profile: *profile-name*, threat severity: *severity*, policy id: *policy-id.*
Solution:	N/A.

ID:	0x4804941b
Type:	Threat
Severity:	Warnings
Message:	From srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender* request site: *site-name*, URL: *URL*, Error ID :*error-ID*, external link URL: *URL* profile: *profile-name*, threat severity: *severity*, policy id: *policy-id*, aggregation attack count: *count*
Description:	The system detects a threat, from srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender* request site: *site-name*, URL: *URL*, Error ID :*error-ID*, external link URL: *URL* profile: *profile-name*, threat severity: *severity*, policy id: *policy-id*,

	aggregation attack count: *count.*
Solution:	N/A.

ID:	0x4804840b
Type:	IPS
Severity:	Warnings
Message:	From *source-ip*: *source-port* to *destination-ip*: *destination-port*, detected illegal *acl_name* web-acl, action:*action*, URL: *site_name request_url*.
Description:	Illegal access control was detected in the traffic from *source-ip*: *source-port* to *destination-ip*: *destination-port*. Logged the action, website *site_name* and the request URL *request_url.*
Solution:	IPS signatures are posted online. You can find a specific signature description page for solution.

ID:	0x4804940e
Type:	Threat
Severity:	Warnings
Message:	From srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender* WEB ACL：*ACL-name*, Error ID: *error-ID*, site: *site-name*, URL: *URL*，profile: *profile-name*, threat severity: *severity*, policy id: *policy-id*.
Description:	The system detects a threat, from srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender* WEB ACL：*ACL-name*, Error ID: *error-ID*, site: *site-name*, URL: *URL*，profile: *profile-name*, threat severity: *severity*, policy id: *policy-id.*
Solution:	N/A.

ID:	0x4804941c
Type:	Threat
Severity:	Warnings
Message:	From srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender* WEB ACL：*ACL-name*, Error ID: *error-ID*, site: *site-name*, URL: *URL*，profile: *profile-name*, threat severity: *severity*, policy id: *policy-id*, aggregation attack count: *count*.
Description:	The system detects a threat, from srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,*

	action*: action,* defender*: defender* WEB ACL：*ACL-name*, Error ID: *error-ID*, site: *site-name*, URL: *URL*，profile: *profile-name*, threat severity: *severity*, policy id: *policy-id*, aggregation attack count: *count*.
Solution:	N/A.

ID:	0x48048205
Type:	IPS
Severity:	Critical
Message:	From *source-ip*: *source-port* to *destination-ip*: *destination-port*, site *site-name uri*, in *attack source* detected *attack name* Injection attack, action:*action*, attacking data: *attack data*.
Description:	An injection attack against website *site-name uri* was detected in the traffic from *source-ip*: *source-port* to *destination-ip*: *destination-port*. The attack originated from *attack source*. Logged the action against the attack and related data.
Solution:	IPS signatures are posted online. You can find a specific signature description page for solution.

ID:	0x4804920f
Type:	Threat
Severity:	Warnings
Message:	From srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name Injection attack*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender* site: *site-name*, URI: *URI*, injection port: *port-name*, Error ID: *error-ID*, attack data: *data*,profile: *profile-name*, threat severity: *severity*, policy id: *policy-id*.
Description:	The system detects a threat, from srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name Injection attack*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender* site: *site-name*, URI: *URI*, injection port: *port-name*, Error ID: *error-ID*, attack data: *data*,profile: *profile-name*, threat severity: *severity*, policy id: *policy-id*.
Solution:	N/A.

ID:	0x4804921d
Type:	Threat
Severity:	Warnings
Message:	From srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name Injection attack*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender* site: *site-name*, URI: *URI*, injection port: *port-name*, Error ID: *error-ID*, attack data:

	data,profile: *profile-name*, threat severity: *severity*, policy id: *policy-id*, aggregation attack count: *count.*
Description:	The system detects a threat, from srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name Injection attack*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender* site: *site-name*, URI: *URI*, injection port: *port-name*, Error ID: *error-ID*, attack data: *data*,profile: *profile-name*, threat severity: *severity*, policy id: *policy-id*, aggregation attack count: *count*.
Solution:	N/A.

ID:	0x48048206
Type:	IPS
Severity:	Critical
Message:	To site *site_name*, HTTP request flood attack started, Error ID: *ID*, current rate: *request_rate*, above the threshold *threshold*, action: *action*.
Description:	The system discovered that the HTTP request flood attack to the site *site_name* started. The attack ID was *ID*. The action *action* was performed to the attack when the request rate *request_rate* of the source IP exceeded the configured threshold *threshold*. Note: ID refers to the signature ID. For more information, see *Hillstone StoneOS User Manual*.
Solution:	IPS signatures are posted online. You can find a specific signature description page for solution.

ID:	0x48049210
Type:	Threat
Severity:	Warnings
Message:	*From* srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name Injection attack*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender* site: *site-name*, Error ID: *error-ID*, current rate: *rate* request(s) per second, above the threshold *threshold* request(s) per second, threat severity: *severity*, policy id: *policy-id.*
Description:	The system detects a threat, from srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name Injection attack*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender* site: *site-name*, Error ID: *error-ID*, current rate: *rate* request(s) per second, above the threshold *threshold* request(s) per second, threat severity: *severity*, policy id: *policy-id*.
Solution:	N/A.

ID:	0x4804921e
Type:	Threat
Severity:	Warnings
Message:	From srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name Injection attack*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender* site: *site-name*, Error ID: *error-ID*, current rate: *rate* request(s) per second, above the threshold *threshold* request(s) per second, threat severity: *severity*, policy id: *policy-id*, aggregation attack count: *count.*
Description:	The system detects a threat, from srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name Injection attack*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender* site: *site-name*, Error ID: *error-ID*, current rate: *rate* request(s) per second, above the threshold *threshold* request(s) per second, threat severity: *severity*, policy id: *policy-id*, aggregation attack count: *count*.
Solution:	N/A.

ID:	0x48048207
Type:	IPS
Severity:	Critical
Message:	To site *site_name*, HTTP request flood attack stopped, Error ID: *ID*, current rate: *request_rate*, under the threshold *threshold*.
Description:	The system discovered that the HTTP request flood attack to the site *site_name* stopped. The attack ID was *ID*. The current request rate *request_rate* of the source IP was lower than the configured threshold *threshold*. Note: ID refers to the signature ID. For more information, see *Hillstone StoneOS User Manual*.
Solution:	IPS signatures are posted online. You can find a specific signature description page for solution.

ID:	0x48049211
Type:	Threat
Severity:	Critical
Message:	From srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name Injection attack*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender* site: *site-name*, Error ID: *error-ID*, current rate: *rate* request(s) per second, under the threshold *threshold* request(s) per second, threat severity: *severity*, policy id: *policy-id.*
Description:	The system detects a threat, from srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-*

	name), threat name Injection attack*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender* site: *site-name*, Error ID: *error-ID*, current rate: *rate* request(s) per second, under the threshold *threshold* request(s) per second, threat severity: *severity*, policy id: *policy-id*.
Solution:	N/A.

ID:	0x4804921f
Type:	Threat
Severity:	Critical
Message:	F*rom* srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name Injection attack*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender* site: *site-name*, Error ID: *error-ID*, current rate: *rate* request(s) per second, under the threshold *threshold* request(s) per second, threat severity: *severity*, policy id: *policy-id*, aggregation attack count: *count.*
Description:	The system detects a threat, from srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name Injection attack*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender* site: *site-name*, Error ID: *error-ID*, current rate: *rate* request(s) per second, under the threshold *threshold* request(s) per second, threat severity: *severity*, policy id: *policy-id*, aggregation attack count: *count*.
Solution:	N/A.

ID:	0x48048208
Type:	IPS
Severity:	Critical
Message:	From *src_ip* to site *site_name*, exceed request rate limit *limit_rate*, Error ID: *ID*, action: *action*, *request_rate* request(s) per second.
Description:	The system discovered that the request rate from the source IP *src_ip* to the site *site_name* exceeded the request rate limit. And the system specified the attack ID and the action performed to the attack. Note: ID refers to the signature ID. For more information, see *Hillstone StoneOS User Manual*.
Solution:	IPS signatures are posted online. You can find a specific signature description page for solution.

ID:	0x48049212
Type:	Threat
Severity:	Critical

Message:	From srcip: *source-ip (src-interface-name)* to dstip: *destination-ip (dst-interface-name),* threat name Injection attack*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender* exceed request rate limit *limit_rate*, Error ID: *error-ID*, *request_rate* request(s) per second, threat severity: *severity*, policy id: *policy-id*.
Description:	The system detects a threat, from srcip: *source-ip (src-interface-name)* to dstip: *destination-ip (dst-interface-name),* threat name Injection attack*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender* exceed request rate limit *limit_rate*, Error ID: *error-ID*, *request_rate* request(s) per second, threat severity: *severity*, policy id: *policy-id.*
Solution:	N/A.

ID:	0x48049220
Type:	Threat
Severity:	Critical
Message:	From srcip: *source-ip (src-interface-name)* to dstip: *destination-ip (dst-interface-name),* threat name Injection attack*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender* exceed request rate limit *limit_rate*, Error ID: *error-ID*, *request_rate* request(s) per second, threat severity: *severity*, policy id: *policy-id*, aggregation attack count: *count*.
Description:	The system detects a threat, from srcip: *source-ip (src-interface-name)* to dstip: *destination-ip (dst-interface-name),* threat name Injection attack*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender* exceed request rate limit *limit_rate*, Error ID: *error-ID*, *request_rate* request(s) per second, threat severity: *severity*, policy id: *policy-id*, aggregation attack count: *count*.
Solution:	N/A.

ID:	0x48048209
Type:	IPS
Severity:	Critical
Message:	From *src_ip* to site *site_name*, exceed proxy request rate limit *limit_rate*, Error ID: *ID*, action: *action*, *request_rate* request(s) per second.
Description:	The system discovered that the request rate through the proxy from the source IP *src_ip* to the site *site_name* exceeded the request rate limit. And the system specified the attack ID and the action performed to the attack. Note: ID refers to the signature ID. For more information, see *Hillstone StoneOS User Manual*.
Solution:	IPS signatures are posted online. You can find a specific

signature description page for solution.

ID:	0x48049213
Type:	Threat
Severity:	Critical
Message:	From srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender,* site*: site name,* exceed proxy request rate limit *limit_rate*, Error ID: *error-ID*, *request_rate* request(s) per second, threat severity: *severity*, policy id: *policy-id*.
Description:	The system detects a threat, from srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender* exceed proxy request rate limit *limit_rate*, Error ID: *error-ID*, *request_rate* request(s) per second, threat severity: *severity*, policy id: *policy-id*.
Solution:	N/A.

ID:	0x48049221
Type:	Threat
Severity:	Critical
Message:	From srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender,* site*: site name,* exceed proxy request rate limit *limit_rate*, Error ID: *error-ID*, *request_rate* request(s) per second, threat severity: *severity*, policy id: *policy-id*, aggregation attack count: *count*.
Description:	The system detects a threat, from srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender* exceed proxy request rate limit *limit_rate*, Error ID: *error-ID*, *request_rate* request(s) per second, threat severity: *severity*, policy id: *policy-id*, aggregation attack count: *count*.
Solution:	N/A.

ID:	0x48049222
Type:	Threat
Severity:	Critical
Message:	From srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,*

	defender*: defender,* site*: site name,* exceed request rate limit *limit_rate*, Error ID: *error-ID*, *request_rate* request(s) per minute, threat severity: *severity*, policy id: *policy-id*.
Description:	The system detects a threat, from srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender,* site*: site name,* exceed request rate limit *limit_rate*, Error ID: *error-ID*, *request_rate* request(s) per minute, threat severity: *severity*, policy id: *policy-id*.
Solution:	N/A.

ID:	0x48049223
Type:	Threat
Severity:	Critical
Message:	F*rom* srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender,* site*: site name,* exceed request rate limit *limit_rate*, Error ID: *error-ID*, *request_rate* request(s) per minute, threat severity: *severity*, policy id: *policy-id*, aggregation attack count: *count*.
Description:	The system detects a threat, from srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender,* site*: site name,* exceed request rate limit *limit_rate*, Error ID: *error-ID*, *request_rate* request(s) per minute, threat severity: *severity*, policy id: *policy-id*, aggregation attack count: *count*.
Solution:	N/A.

ID:	0x4804040a
Type:	Event
Severity:	Warnings
Message:	To site *site_name*, exceed {*URL* | *source IP*} statistic's capacity limit *cap_limit*.
Description:	The URL statistics or the source IP statistics to the site *site_name* exceeded the capacity limit *cap_limit*.
Solution:	N/A

ID:	0x48088401
Type:	IPS
Severity:	Warnings
Message:	From *source-IP-source-port* to *destination-IP-destination-port*, detected network intrusion, ID: *ID*, Name: *name*, action: {log-only | reset}, [block attacker {service | IP} *N* seconds].

Description:	An intrusion attack was detected in the traffic from *source-IP-source-port* to *destination-IP-destination-port*. Logged the error ID, its corresponding name and the system action against the error.
Solution:	IPS signatures are posted online. You can find a specific signature description page for solution.

ID:	0x48089406
Type:	Threat
Severity:	Warnings
Message:	Warning：*From* srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender* signature ID：signature *-ID*, profile: p*rofile-name*, threat severity: *severity*, policy id: *policy-ID*.
Description:	The system detects a threat, from srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender* signature ID：signature *-ID*, profile: p*rofile-name*, threat severity: *severity*, policy id: *policy-ID*.
Solution:	N/A.

ID:	0x48089408
Type:	Threat
Severity:	Warnings
Message:	Warning：*From* srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender* signature ID：*signature-ID*, profile: p*rofile-name*, threat severity: *severity*, policy id: *policy-ID* ,aggregation attack count*: count*.
Description:	The system detects a threat, from srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender* signature ID：*signature-ID*, profile: p*rofile-name*, threat severity: *severity*, policy id: *policy-ID* ,aggregation attack count*: count*.
Solution:	N/A.

ID:	0x48089616
Type:	Threat
Severity:	Informational
Message:	INFO：*From* srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,*

	defender*: defender* signature ID：signature *-ID*, profile: p*rofile-name*, threat severity: *severity*, policy id: *policy-ID*.
Description:	The system detects a threat, from srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender* signature ID：signature *-ID*, profile: p*rofile-name*, threat severity: *severity*, policy id: *policy-ID*.
Solution:	N/A.

ID:	0x48089609
Type:	Threat
Severity:	Informational
Message:	INFO：F*rom* srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender* signature ID：*signature-ID*, profile: p*rofile-name*, threat severity: *severity*, policy id: *policy-ID* ,aggregation attack count*: count*.
Description:	The system detects a threat, from srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender* signature ID：*signature-ID*, profile: p*rofile-name*, threat severity: *severity*, policy id: *policy-ID* ,aggregation attack count*: count*.
Solution:	N/A.

ID:	0x48089217
Type:	Threat
Severity:	Critical
Message:	CRITICAL！ F*rom* srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender* signature ID：signature *-ID*, profile: p*rofile-name*, threat severity: *severity*, policy id: *policy-ID*.
Description:	CRITICAL！ F*rom* srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender* signature ID：signature *-ID*, profile: p*rofile-name*, threat severity: *severity*, policy id: *policy-ID*.
Solution:	N/A.

ID:	0x4808920a
Type:	Threat
Severity:	Critical

Message:	CRITICAL! *From* srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender* signature ID：*signature-ID*, profile: p*rofile-name*, threat severity: *severity*, policy id: *policy-ID* ,aggregation attack count*: count*.
Description:	CRITICAL! *From* srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender* signature ID：*signature-ID*, profile: p*rofile-name*, threat severity: *severity*, policy id: *policy-ID* ,aggregation attack count*: count*.
Solution:	N/A.

ID:	0x48088202
Type:	IPS
Severity:	Critical
Message:	From *source-IP* to *destination-IP*, detected *protocol* brute-force authentication attempt *N* times in a minute, action: block attacker {service | IP} *N* seconds.
Description:	A brute-force authentication attempt was detected in the traffic from *source-IP-source-port* to *destination-IP-destination-port*. Logged the attempt times and the system action against the attempts.
Solution:	IPS signatures are posted online. You can find a specific signature description page for solution.

ID:	0x48088203
Type:	IPS
Severity:	Critical
Message:	From *source-ip* to *destination-ip*, detected *protocal event N* times in a minute, action: {log-only | reset}.
Description:	The event *event* of protocol *protocal* was detected in the traffic from *source-IP* to *destination-IP N* times in a minute. Logged the attempts and system action against the attempts.
Solution:	IPS signatures are posted online. You can find a specific signature description page for solution.

ID:	0x48088204
Type:	IPS
Severity:	Critical
Message:	From *source-IP* to *destination-IP*, detected *protocol* brute-force authentication attempt *N* times in a minute, ID: *ID1 ID2*, action: block attacker {service | IP} *N* seconds.
Description:	Brute force attack against protocol *protocol* was detected in the traffic from *source-IP* to *destination-IP N* times in a minute. Logged the attempts, ID and system action against

	the attempts. Note: ID refers to the signature ID. For more information, see *Hillstone StoneOS User Manual*.
Solution:	IPS signatures are posted online. You can find a specific signature description page for solution.

ID:	0x48088205
Type:	IPS
Severity:	Critical
Message:	From *source-ip* to *destination-ip*, detected *protocal event N* times in a minute, ID: *ID1 ID2*, action: {log-only | reset}.
Description:	IPS attack against protocol *protocol* was detected in the traffic from *source-IP* to *destination-IP N* times in a minute. Logged the ID and system action against the attempts. Note: ID refers to the signature ID. For more information, see *Hillstone Next-Generation User Manual*.
Solution:	IPS signatures are posted online. You can find a specific signature description page for solution.

ID:	0x48089207
Type:	Threat
Severity:	Critical
Message:	F*rom* srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender event N* times in a minute ErrorID：error *-ID*, profile: p*rofile-name*, threat severity: *severity*, policy id: *policy-ID*.
Description:	F*rom* srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender event N* times in a minute ErrorID：error *-ID*, profile: p*rofile-name*, threat severity: *severity*, policy id: *policy-ID*.
Solution:	N/A.

ID:	0x4808920b
Type:	Threat
Severity:	Critical
Message:	F*rom* srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender event N* times in a minute ErrorID：error *-ID*, profile: p*rofile-name*, threat severity: *severity*, policy id: *policy-ID* ,aggregation attack count*: count*.
Description:	F*rom* srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name*: threat*

	name, threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender event N* times in a minute ErrorID：error *-ID*, profile: p*rofile-name*, threat severity: *severity*, policy id: *policy-ID* ,aggregation attack count*: count*..
Solution:	N/A.

ID:	0x46809401
Type:	Threat
Severity:	Warnings
Message:	Warning：F*rom* srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender* severity: *severity*, detected low reputation ip: *ip-address*, reputation index *value* ,hit-count: count (in the last *N* seconds).
Description:	The system detects a threat, f*rom* srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender* severity: *severity*, detected low reputation ip: *ip-address*, reputation index *value* ,hit-count: count (in the last *N* seconds).
Solution:	N/A.

ID:	0x46809402
Type:	Threat
Severity:	Warnings
Message:	Warning：F*rom* srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender* severity: *severity*, detected low reputation ip: *ip-address*, category: *category*, reputation score *score*.
Description:	The system detects a threat, f*rom* srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender* severity: *severity*, detected low reputation ip: *ip-address*, category: *category*, reputation score *score*.
Solution:	N/A.

ID:	0x46809403
Type:	Threat
Severity:	Warnings
Message:	Warning：F*rom* srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name*: threat name,* threat type*: threat type,* threat subtype*:*

	threat subtype, App/Protocol*: App/Protocol,* action*: action,* defender*: defender* severity: *severity*, detected low reputation ip: *ip-address*, category: *category*, reputation score *score* ,hit-count: count (in the last *N* seconds).
Description:	The system detects a threat, f*rom* srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender* severity: *severity*, detected low reputation ip: *ip-address*, category: *category*, reputation score *score* ,hit-count: count (in the last *N* seconds).
Solution:	N/A.

SSL Proxy

ID:	0x44640401
Type:	Event
Severity:	Warnings
Message:	SSL-PROXY: SSL proxy with *desination IP address:port* from *source IP address:port* protocol TCP failed because of capacity limitation.
Description:	Due to resource limitation, the SSL proxy from *source IP address: port* to *destination IP address: port* fails. The protocol type is TCP.
Solution:	N/A

ID:	0x44640502
Type:	Event
Severity:	Notifications
Message:	SSL-PROXY: Connection to *destination IP address:port* from *source IP address:port* with protocol TCP is blocked by profile *profile-name*, *reason*.
Description:	The connection from *source IP address:port* to *destination IP address:port* is blocked by the SSL proxy profile. The reason is *reason*.
Solution:	N/A

ID:	0x44640403
Type:	Event
Severity:	Warnings
Message:	SSL-PROXY: Connection to *destination IP address:port* from *source IP address:port* with protocol TCP is bypassed by profile *profile-name*, because the configuration of bypassing subject names contains *subject-name*.
Description:	The connection from *source IP address:port* to *destination IP address:port* is bypassed by the SSL proxy profile. The reason is that the static bypass list contains the *subject name.*
Solution:	N/A

ID:	0x44640504
Type:	Event
Severity:	Notifications
Message:	SSL-PROXY: Connection to *destination IP address:port* from *source IP address:port* with protocol TCP is bypassed by profile *profile-name.*
Description:	The connection from *source IP address:port* to *destination IP address:port* is bypassed by the SSL proxy profile.
Solution:	N/A

Data Security

ID:	0x464ce61d
Type:	Data security
Severity:	Informational
Message:	Web post: IP *IP-address* (*user-name*) VR *vr-router*, *url*, content_type *content_type*, action *action*, reason *reason*, rule *rule*, character set *character-set*, *content*
Description:	This is a web posting filter log. Parameters in this log are described as follows: ♦ IP *IP-address* (*user-name*): The IP address and corresponding username of the user who put a web post. ♦ VR *vr-router*: The VRouter of the web post owner. ♦ *url*: The URL address where the web post is posted. ♦ content type *content_type*: The content_type in HTTP protocol, including urlencode, mutipart and text/plain. ♦ action *action*: The action for web post, including permit and block. ♦ reason *reason*: The reason for the action (permit or block). ♦ rule *rule*: The matching rule of the action. ♦ character set character-set – The character set used for encoding. ♦ *content*: The posted content that triggers the rule.
Solution:	N/A

ID:	0x464ce61e
Type:	Data security
Severity:	Informational
Message:	MAIL: IP *IP-address* (*user-name*) VR *vr-router*, *mail-type*, action *action*, reason *reason*, rule *rule*, subject *subject*, *sender-address* -> *recipient-address*, content *location*, attachment *location*.
Description:	This is an email filter log. Parameters in this log are described as follows: ♦ IP IP-address (*user-name*): The IP address and corresponding user name of the mail sender. ♦ VR *vr-router*: The VRouter of the mail sender. ♦ *mail-type*: The mail service provider, like gmail, hotmail, etc. ♦ action *action*: The action (permit or block) taken by

the device when a mail was being sent.

- reason *reason*: The reason for the action.
- rule *rule*: The matching rule of the action.
- subject *subject*: The subject of the mail.
- *sender-address* -> *recipient-address*: The mail addresses of the sender and recipient.
- content *location*: The file location in the log server for storing the mail bodies.
- attachment *location*: The file location in the log server for storing the mail attachments.

Solution: N/A

ID: 0x464ce622

Type: Data security

Severity: Informational

Message: Behavior control FTP: IP *IP-address* (*user-name*) VR *vr-router*, server *IP-address*, login *user-name*, cmd *cmd*, file *file-name*, action *action*, reason *reason*, rule *rule*.

Description: This is an Data security log. Parameters in this log are described as follows:

- IP *IP-address* (*user-name*): The IP address and corresponding username of FTP user.
- vrouter *vr-router*: The VRouter of the FTP user.
- server *IP-address*: The IP address of FTP server.
- login *user-name*: The username that is used to log into the FTP server.
- cmd *cmd*: The FTP command, including GET, PUT and Login.
- file *file-name*: The transferred file name.
- action *action*: The action for FTP file transmission, including permit and block.
- reason *reason*: The reason for the action (permit or block).
- rule *rule*: The matching rule for the action.

Solution: N/A

ID: 0x464ce629

Type: Data security

Severity:	Informational
Message:	Behavior control HTTP: IP *IP-address* (*user-name*) VR *vr-router*, *url*, *service*, action *action*, reason *reason*, rule *rule*.
Description:	This is a URL filter log. Parameters in this log are described as follows: ♦ IP *IP-address* (*user-name*): The IP address and corresponding username of the user who requested the URL. ♦ VR *vr-router*: The VRouter of the user who requested the URL. ♦ url: The visited URL address. ♦ service: The service of the filtered URL, like HTTP. ♦ action *action*: The action for the filtered URL, including permit and block. ♦ reason *reason*: The reason for the action (permit or block). ♦ rule *rule*: The matching rule of the action.
Solution:	N/A

ID:	0x464ce627
Type:	Data security
Severity:	Informational
Message:	IM: IP *source-ip: source-port* (*SNAT-ip: SNAT-port*) -*>destination-ip:destination-port (DNAT-ip: DNAT-port),*user *user-name* @ *server-name* VR *vr-router*, *im-type* , id, *action*, user-mac *MAC-address*.
Description:	This is an IRC control log. Parameters in this log are described as follows: ♦ IP *source-ip: source-port* (*SNAT-ip: SNAT-port*) -*>destination-ip: destination-port (DNAT-ip: DNAT-port)*: The following information of the user who chats online: source IP address, source port, source NAT IP address, source NAT port, destination IP address, destination port, destination NAT IP address, destination NAT port. ♦ user *user-name*@ *server-name*: The following information of the user who chats online: username and AAA server name. ♦ VR *vr-router*: The VRouter name of the user who chats online. ♦ *im-type*: The type of the IRC tool.

- *id*: The ID of the IRC tool.
- *action*: The action of the IRC tool, including Log on and Log off.
- user-mac *MAC-address*: The MAC address of the user who chats online.

Solution: N/A

ID: 0x464ce61b

Type: Data security

Severity: Informational

Message: Content filter: IP *IP-address* (*user-name*) vrouter *vr-router*, *url*, *service*, action *action*, reason *reason*, *keyword* (*category*), rule *rule,* charset *character-set, content*.

Description: This is a web content log. Parameters in this log are described as follows:

- IP *IP-address* (*user-name*): The IP address and corresponding username of the Web page visitor.
- VR *vr-router*: The VRouter of Web visitor.
- *url*: The visited URL address.
- *service*: The service to be scanned for Web keywords, such as HTTP.
- action *action*: The action for the Web page keywords, including permit and block.
- reason *reason*: The reason for the action (permit or block).
- *keyword* (*category*): The keyword and its category.
- rule *rule*: The matching rule of the action
- charset *character-set*: The character set for encoding.
- *content*: The Web content that triggers the rule.

Solution: N/A

ID: 0x464ce628

Type: Data security

Severity: Informational

Message: Mail: IP *IP-address* (*user-name*) VR *vr-router*, *sender -> receiver*, *subject*, *service*, action *action*, keyword *reason*, *keyword* (*category*), rule *rule,* charset *character-set, content*.

Description: This is an email filter (filtering keywords) log. Parameters in this log are described as follows:

- IP *IP-address* (*user-name*): The IP address and

corresponding username of the filtered mail traffic.

- vrouter *vr-router*: The VRouter of the filtered mail traffic.
- *sender* -> *receiver*: The sender account and recipient aacout of the mail.
- *subject*: The mail subject.
- *service*: The mail service provider name, like 126, 163, etc.
- action *action*: The action taken by the device when a mail is being sent, including permit and block.
- keyword *reason*: The reason for the action (permit or block).
- rule *rule*: The mail filter rule matched to the action.
- charset *character-set*: The character set for encoding.
- *content*: The mail content that triggers the rule.

Solution: N/A

ID:	0x4684e401
Type:	Data security
Severity:	Warnings
Message:	Match the DLP *type* filter rule (Profile *profile-name filter-id*, reason *reason*), vr *vrouter-name*, user *user*, *source IP: port* to destination IP:port, protocol *protocol*, action *action*.
Description	Match the file filtering profile. Rule type: *type*, profile name: *profile-name*, rule id: *id*, reason: *reason*, vrouter *vrouter-name*, user: *user*, *source IP: port*, *destination IP: port*, protocol: *protocol*, action: *action*.
Solution:	N/A

WebAuth

ID:	0x434c0601
Type:	Event
Severity:	Informational
Message:	WebAuth user *user-name* logged on from *IP-address* successfully.
Description:	The WebAuth user *user-name* whose IP address is *IP-address* succeeded in logging in.
Solution:	N/A

ID:	0x434c0602
Type:	Event
Severity:	Informational
Message:	WebAuth user *user-name* failed to log on from *IP-address*.
Description:	The WebAuth user *user-name* whose IP address is *IP-address* failed to log in.
Solution:	N/A

ID:	0x434c0603
Type:	Event
Severity:	Informational
Message:	WebAuth user *user-name* logged out from *IP-address*.
Description:	The WebAuth user *username* whose IP address is *IP-address* logged out.
Solution:	N/A

ID:	0x434c0604
Type:	Event
Severity:	Informational
Message:	WebAuth user *user-name* was kicked out from *IP-address* and the reason is *reason*.
Description:	The system kicked out the WebAuth user *user-name* whose IP address is *IP-address* due to reason *reason*.
Solution:	N/A

ID:	0x434c0605
Type:	Event
Severity:	Informational
Message:	WebAuth *type* user *user-name* logged on successfully from *IP-address*.
Description:	The WebAuth user *user-name* whose type is *type* and whose IP address is *IP-address* succeeded in logging in.
Solution:	N/A

ID:	0x434c0606
Type:	Event
Severity:	Informational
Message:	WebAuth *type* user *user-name* logged out from *IP-address*.
Description:	The WebAuth user *user-name* whose type is *type* and whose IP address is *IP-address* logged out.
Solution:	N/A

ID:	0x434c0607
Type:	Event
Severity:	Informational
Message:	Webauth *type* user *user-name* logged on successfully from MAC: MAC-address (IP: *IP-address*).
Description:	The WebAuth user *user-name* whose type is *type* and whose MAC address is *MAC-address* and IP address is *IP-address* succeeded in logging in.
Solution:	N/A

ID:	0x434c0608
Type:	Event
Severity:	Informational
Message:	Webauth *type* user *user-name* logged out from MAC: MAC-address (IP: *IP-address*).
Description:	The WebAuth user *user-name* whose type is *type* and whose MAC address is *MAC-address* and IP address is *IP-address* logged out.
Solution:	N/A

ID:	0x434c0609
Type:	Event
Severity:	Informational
Message:	Webauth *type* user *user-name* was kicked out from *IP-address* and the reason is *reason*.
Description:	The system kicked out the WebAuth user *user-name* whose IP address is *IP-address* due to reason *reason*.
Solution:	N/A

Portal Authentication

ID:	0x4704061d
Type:	Event
Severity:	Informational
Message:	AAA monitor *monitor-name* received a login message: type is *type*, IP is *IP-address*, user is *user-name*, extra data is *extra-data*.Result is *result*.
Description:	The AAA monitor is an internal module and it receives the messages sent from the monitored server. Each AAA monitor only monitors one server. The AAA monitor (*monitor name*) receives an online message: type is *type*, IP is *IP-address*, user is *user-name*, extra data is *extra-data*, and result is *result*.
Solution:	N/A

ID:	0x4704061e
Type:	Event
Severity:	Informational
Message:	AAA monitor *monitor-name* received a logout message: type is *type*, IP is *IP-address*, user is *user-name*.Result is *result*.
Description:	The AAA monitor (*monitor name*) receives an offline message: type is *type*, IP is *IP-address*, user is *user-name*, extra data is *extra-data*, and result is *result*.
Solution:	N/A

ID:	0x4704061f
Type:	Event
Severity:	Informational
Message:	AAA monitor *monitor-name* received a malformed message header. Error code is *error-code*.
Description:	The AAA monitor (*monitor name*) receives an abnormal message header. The error code is *error-code*.
Solution:	N/A

ID:	0x47040620
Type:	Event
Severity:	Informational
Message:	AAA monitor *monitor-name* received a malformed message body: type is *type*, IP is *IP-address*. Error code is *error-code.*
Description:	The AAA monitor (*monitor name*) receives an abnormal message body. The type is *type*, the IP is *IP-address*, and the error code is *error-code*.
Solution:	N/A

GTP Protection

ID:	0x44100401
Type:	Event
Severity:	Warnings
Message:	The GTP Message(*gtp-message*) of the path (*src_ip*/*src_port* --- *dst_ip*/*dst_port*) is anomaly. Description:*reason*.
Description:	GTP message *gtp-message,* whose source IP is *src_ip*, source port is *src_port,* destination IP is *dst_ip* and destination port is *dst_port,* is abnormal due to *reason*.
Solution:	N/A

ID:	0x44100502
Type:	Security
Severity:	Notifications
Message:	The GTP Message(*gtp-message*) of the path (*src_ip*/*src_port* --- *dst_ip*/*dst_port*) is restricted by profile(*gtp-profile*). Description:*reason*.
Description:	GTP message *gtp-message,* whose source IP is *src_ip*, source port is *src_port,* destination IP is *dst_ip* and destination port is *dst_port,* was blocked by GTP profile *gtp-profile* due to *reason*.
Solution:	N/A

ID:	0x44105503
Type:	Event
Severity:	Notifications
Message:	The GTP statistic of the path (*src_ip*/*src_port* --- *dst_ip*/*dst_port*). Description:*description*.
Description:	Statistics on GTP traffic whose source IP is *src_ip*, source port is *src_port,* destination IP is *dst_ip* and destination port is *dst_port*. The statistical result is *description*.
Solution:	N/A

ID:	0x44100504
Type:	Event
Severity:	Notifications
Message:	FTP PORT commands where the IP address *command IP* in the port command was different than the FTP client IP address *resource IP*, drop packet.
Description:	Drop the packet if using FTP PORT commands where the IP address in the port command was different with the FTP client IP address.
Solution:	N/A

ID:	0x44100505
Type:	Event

Severity:	Notifications
Message:	FTP PORT commands is illegal.
Description:	FTP PORT commands is illegal.
Solution:	N/A

3G

ID:	0x43546601
Type:	Network
Severity:	Informational
Message:	3G *interface-name* acquired IP address *IP-address* from server.
Description:	3G *interface-name* acquired IP address *IP-address* from server.
Solution:	N/A

ID:	0x43546602
Type:	Network
Severity:	Informational
Message:	3G *interface-name* released IP address to server.
Description:	3G *interface-name* released IP address to server.
Solution:	N/A

ID:	0x43540603
Type:	Event
Severity:	Informational
Message:	Wireless card is inserted, IMEI is: IMEI.
Description:	Wireless card is inserted, IMEI is: IMEI.
Solution:	N/A

ID:	0x43540604
Type:	Event
Severity:	Informational
Message:	Wireless card is pulled out, IMEI is: IMEI.
Description:	Wireless card is pulled out, IMEI is: IMEI.
Solution:	N/A

ID:	0x43540605
Type:	Event
Severity:	Informational
Message:	Verify the PIN code successfully.
Description:	Verify the PIN code successfully.
Solution:	N/A

ID:	0x43540206
Type:	Event
Severity:	Critical
Message:	Verify the PIN code failed.

Description:	Failed to verify the PIN code.
Solution:	N/A

ID:	0x43540607
Type:	Event
Severity:	Informational
Message:	PIN verification is turned on.
Description:	PIN verification is turned on.
Solution:	N/A

ID:	0x43540608
Type:	Event
Severity:	Informational
Message:	PIN verification is turned off.
Description:	PIN verification is turned off.
Solution:	N/A

ID:	0x43540409
Type:	Event
Severity:	Warnings
Message:	The PIN code has been changed successfully.
Description:	The PIN code has been changed successfully.
Solution:	N/A

ID:	0x4354040a
Type:	Event
Severity:	Warnings
Message:	Failed to change the PIN code.
Description:	Failed to change the PIN code.
Solution:	N/A

ID:	0x4354040b
Type:	Event
Severity:	Warnings
Message:	3G *interface-name* acquired primary DNS address *DNS-address* and second DNS address: *DNS-address* from server.
Description:	3G *interface-name* acquired primary DNS address *DNS-address* and second DNS address: *DNS-address* from server.
Solution:	N/A

ID:	0x4354040c
Type:	Event

Severity:	Warnings
Message:	*3G interface-name* released primary DNS address *DNS-address* and second DNS address: *DNS-address* from server.
Description:	*3G interface-name* released primary DNS address *DNS-address* and second DNS address: *DNS-address* from server.
Solution:	N/A

ID:	0x4354040d
Type:	Event
Severity:	Warnings
Message:	Dial failed, the reason is *reason*.
Description:	Failed to dail, the reason is *reason*.
Solution:	N/A

ID:	0x4354040e
Type:	Event
Severity:	Warnings
Message:	The SIM card has been locked, please unlock the SIM card with the PUK code.
Description:	The SIM card has been locked, please unlock the SIM card with the PUK code.
Solution:	N/A

ID:	0x4354040f
Type:	Event
Severity:	Warnings
Message:	Unlock the SIM card with the PUK code successfully.
Description:	Unlock the SIM card with the PUK code successfully.
Solution:	N/A

ID:	0x43540410
Type:	Event
Severity:	Warnings
Message:	Unlock the SIM card with the PUK code failed.
Description:	Failed to unlock the SIM card with the PUK code.
Solution:	N/A

ID:	0x43540411
Type:	Event
Severity:	Warnings
Message:	Failed to turn on PIN verification.
Description:	Failed to turn on PIN verification.

Solution:	N/A

ID:	0x43540412
Type:	Event
Severity:	Warnings
Message:	Failed to turn off PIN verification.
Description:	Failed to turn off PIN verification.
Solution:	N/A

ID:	0x43540613
Type:	Event
Severity:	Informational
Message:	Verify the PIN code with cipher successfully.
Description:	Verify the PIN code with cipher successfully.
Solution:	N/A

ID:	0x43540414
Type:	Event
Severity:	Warnings
Message:	Verify the PIN code with cipher failed.
Description:	Failed to verify the PIN code with cipher.
Solution:	N/A

Warning

ID:	0x424c0201
Type:	Event
Severity:	Critical
Message:	Level: *level*, *object* utilization is *value*%, higher than threshold *threshold-value*%.
Description:	Level: *level*, *object* utilization is *value*%, higher than threshold *threshold-value*%.
Solution:	N/A

ID:	0x424c0202
Type:	Event
Severity:	Critical
Message:	Level: *level*, *object* utilization is *value*%, lower than threshold *threshold-value*%.
Description:	Level: *level*, *object* utilization is *value*%, lower than threshold *threshold-value*%.
Solution:	N/A

ID:	0x424c0203
Type:	Event
Severity:	Critical
Message:	Level: *level*, *object* utilization is higher than threshold *threshold-value*% for *X* seconds.
Description:	Level: *level*, *object* utilization is higher than threshold *threshold-value*% for *X* seconds.
Solution:	N/A

ID:	0x424c0204
Type:	Event
Severity:	Critical
Message:	Level: *level*, *object* utilization is lower than threshold *threshold-value*% for *X* seconds.
Description:	Level: *level*, *object* utilization is lower than threshold *threshold-value*% for *X* seconds.
Solution:	N/A

ID:	0x424c0205
Type:	Event
Severity:	Critical
Message:	Level: *level*, *object* transformed from *old-status* status to *new-status* status.
Description:	Level: *level*, *object* transformed from *old-status* status to *new-status* status.

Solution:	N/A

ID:	0x424c0206
Type:	Event
Severity:	Critical
Message:	Level: *level*, ingress bandwidth utilization of interface *interface-name* is *value*%, higher than threshold *threshold-value*%.
Description:	Level: *level*, ingress bandwidth utilization of interface *interface-name* is *value*%, higher than threshold *threshold-value*%.
Solution:	N/A

ID:	0x424c0207
Type:	Event
Severity:	Critical
Message:	Level: *level*, ingress bandwidth utilization of interface *interface-name* is *value*%, lower than threshold *threshold-value*%.
Description:	Level: *level*, ingress bandwidth utilization of interface *interface-name* is *value*%, lower than threshold *threshold-value*%.
Solution:	N/A

ID:	0x424c0208
Type:	Event
Severity:	Critical
Message:	Level: *level*, ingress bandwidth utilization of interface *interface-name* is higher than threshold *threshold-value*% for *X* seconds.
Description:	Level: *level*, ingress bandwidth utilization of interface *interface-name* is higher than threshold *threshold-value*% for *X* seconds.
Solution:	N/A

ID:	0x424c0209
Type:	Event
Severity:	Critical
Message:	Level: *level*, ingress bandwidth utilization of interface *interface-name* is lower than threshold *threshold-value*% for *X* seconds.
Description:	Level: *level*, ingress bandwidth utilization of interface *interface-name* is lower than threshold *threshold-value*% for *X* seconds.
Solution:	N/A

ID:	0x424c020a

Type:	Event
Severity:	Critical
Message:	Level: *level*, egress bandwidth utilization of interface *interface-name* is *value*%, higher than threshold *threshold-value*%.
Description:	Level: *level*, egress bandwidth utilization of interface *interface-name* is *value*%, higher than threshold *threshold-value*%.
Solution:	N/A

ID:	0x424c020b
Type:	Event
Severity:	Critical
Message:	Level: *level*, egress bandwidth utilization of interface *interface-name* is *value*%, lower than threshold *threshold-value*%.
Description:	Level: *level*, egress bandwidth utilization of interface *interface-name* is *value*%, lower than threshold *threshold-value*%.
Solution:	N/A

ID:	0x424c020c
Type:	Event
Severity:	Critical
Message:	Level: *level*, egress bandwidth utilization of interface *interface-name* is higher than threshold *threshold-value*% for *X* seconds.
Description:	Level: *level*, egress bandwidth utilization of interface *interface-name* is higher than threshold *threshold-value*% for *X* seconds.
Solution:	N/A

ID:	0x424c020d
Type:	Event
Severity:	Critical
Message:	Level: *level*, egress bandwidth utilization of interface *interface-name* is lower than threshold *threshold-value*% for *X* seconds.
Description:	Level: *level*, egress bandwidth utilization of interface *interface-name* is lower than threshold *threshold-value*% for *X* seconds.
Solution:	N/A

ID:	0x424c020e
Type:	Event
Severity:	Critical
Message:	Level: *level*, total bandwidth utilization of interface

	interface-name is *value*%, higher than threshold *threshold-value*%.
Description:	Level: *level*, total bandwidth utilization of interface *interface-name* is *value*%, higher than threshold *threshold-value*%.
Solution:	N/A

ID:	0x424c020f
Type:	Event
Severity:	Critical
Message:	Level: *level*, total bandwidth utilization of interface *interface-name* is *value*%, lower than threshold *threshold-value*%.
Description:	Level: *level*, total bandwidth utilization of interface *interface-name* is *value*%, lower than threshold *threshold-value*%.
Solution:	N/A

ID:	0x424c0210
Type:	Event
Severity:	Critical
Message:	Level: *level*, total bandwidth utilization of interface *interface-name* is higher than threshold *threshold-value*% for *X* seconds.
Description:	Level: *level*, total bandwidth utilization of interface *interface-name* is higher than threshold *threshold-value*% for *X* seconds.
Solution:	N/A

ID:	0x424c0211
Type:	Event
Severity:	Critical
Message:	Level: *level*, total bandwidth utilization of interface *interface-name* is lower than threshold *threshold-value*% for *X* seconds.
Description:	Level: *level*, total bandwidth utilization of interface *interface-name* is lower than threshold *threshold-value*% for *X* seconds.
Solution:	N/A

ID:	0x424c0212
Type:	Event
Severity:	Critical
Message:	Level: *level*, bandwidth utilization of interface *interface-name* transformed from *old-status* status to *new-status* status.
Description:	Level: *level*, bandwidth utilization of interface *interface-name* transformed from *old-status* status to *new-status*

	status.
Solution:	N/A

ID:	0x424c0213
Type:	Event
Severity:	Critical
Message:	Level: *level*, IP *ip-address* in SNAT rule *ID port-number* port utilization is *utilization-value*%, higher than threshold *threshold-value*%.
Description:	Level: *level*, IP *ip-address* in SNAT rule *ID port-number* port utilization is *utilization-value*%, higher than threshold *threshold-value*%.
Solution:	N/A

ID:	0x424c0214
Type:	Event
Severity:	Critical
Message:	Level: *level*, in SNAT rule *ID port-number* port utilization is *utilization-value*%, higher than threshold *threshold-value*%.
Description:	Level: *level*, in SNAT rule *ID port-number* port utilization is *utilization-value*%, higher than threshold *threshold-value*%.
Solution:	N/A

ID:	0x424c0215
Type:	Event
Severity:	Critical
Message:	Level: *level*, IP *ip-address* in SNAT rule *ID port-number* port utilization is higher than threshold *threshold-value*% for *X* seconds.
Description:	Level: *level*, IP *ip-address* in SNAT rule *ID port-number* port utilization is higher than threshold *threshold-value*% for *X* seconds.
Solution:	N/A

ID:	0x424c0216
Type:	Event
Severity:	Critical
Message:	Level: *level*, in SNAT rule *ID port-number* port utilization is higher than threshold *threshold-value*% for *X* seconds.
Description:	Level: *level*, in SNAT rule *ID port-number* port utilization is higher than threshold *threshold-value*% for *X* seconds.
Solution:	N/A

ID:	0x424c0217
Type:	Event
Severity:	Critical

Message:	Level: *level*, port utilization of SNAT rule *ID* transformed from *old-status* status to *new-status* status.
Description:	Level: *level*, port utilization of SNAT rule *ID* transformed from *old-status* status to *new-status* status.
Solution:	N/A

ID:	0x424c0218
Type:	Event
Severity:	Critical
Message:	Level: *level*, IP *ip-address* in of SNAT rule *ID* transformed from *old-status* status to *new-status* status.
Description:	Level: *level*, IP *ip-address* in of SNAT rule *ID* transformed from *old-status* status to *new-status* status.
Solution:	N/A

ID:	0x424c0219
Type:	Event
Severity:	Critical
Message:	Level: *level*, *object* temperature is *tem-value* degrees celsius, higher than threshold *threshold-value* degrees celsius.
Description:	Level: *level*, *object* temperature is *tem-value* degrees celsius, higher than threshold *threshold-value* degrees celsius.
Solution:	N/A

ID:	0x424c021a
Type:	Event
Severity:	Critical
Message:	Level: *object* temperature is higher than threshold *threshold-value* degrees celsius for *X* seconds.
Description:	Level: *object* temperature is higher than threshold *threshold-value* degrees celsius for *X* seconds.
Solution:	N/A

ID:	0x424c021b
Type:	Event
Severity:	Critical
Message:	Level: *level*, *object* temperature transformed from *old-status* status to *new-status* status.
Description:	Level: *level*, *object* temperature transformed from *old-status* status to *new-status* status.
Solution:	N/A

ID:	0x424c021c
Type:	Event

Severity:	Critical
Message:	Level: *level*, delay of network node *node-name* is *delay-time* ms, higher than threshold *threshold-value* ms.
Description:	Level: *level*, delay of network node *node-name* is *delay-time* ms, higher than threshold *threshold-value* ms.
Solution:	N/A

ID:	0x424c021d
Type:	Event
Severity:	Critical
Message:	Level: *level*, delay of network node *node-name* is higher than threshold *threshold-value* ms for *X* seconds.
Description:	Level: *level*, delay of network node *node-name* is higher than threshold *threshold-value* ms for *X* seconds.
Solution:	N/A

ID:	0x424c021e
Type:	Event
Severity:	Critical
Message:	Level: *level*, loss rate of network node *node-name* is *loss-rate*%, higher than threshold *threshold-value*%.
Description:	Level: *level*, loss rate of network node *node-name* is *loss-rate*%, higher than threshold *threshold-value*%.
Solution:	N/A

ID:	0x424c021f
Type:	Event
Severity:	Critical
Message:	Level: *level*, loss rate of network node *node-name* is higher than threshold *threshold-value*% for *X* seconds.
Description:	Level: *level*, loss rate of network node *node-name* is higher than threshold *threshold-value*% for *X* seconds.
Solution:	N/A

ID:	0x424c0220
Type:	Event
Severity:	Critical
Message:	Level: *level*, network node *node-name* transformed from *old-status* state to *new-status* state.
Description:	Level: *level*, network node *node-name* transformed from *old-status* state to *new-status* state.
Solution:	N/A

ID:	0x424c0221
Type:	Event

Severity:	Critical
Message:	Level: *level*, delay of service node *service-node* is *delay-time* ms, higher than threshold *threshold-value* ms.
Description:	Level: *level*, delay of service node *service-node* is *delay-time* ms, higher than threshold *threshold-value* ms.
Solution:	N/A

ID:	0x424c0222
Type:	Event
Severity:	Critical
Message:	delay of service node *service-node* is higher than threshold *threshold-value* ms for *X* seconds
Description:	The delay of service node *service-node* is higher than threshold *threshold-value* ms for *X* seconds
Solution:	N/A

ID:	0x424c0223
Type:	Event
Severity:	Critical
Message:	Level: *level*, delay of service node *service-node* transformed from *old-status* state to *new-status* state.
Description:	Level: *level*, delay of service node *service-node* transformed from *old-status* state to *new-status* state.
Solution:	N/A

ID:	0x424c0224
Type:	Event
Severity:	Critical
Message:	Level: *level*, bandwidth of application *application-name* is *bandwidth-value* Kbps, higher than threshold *threshold-value* Kbps.
Description:	Level: *level*, bandwidth of application *application-name* is *bandwidth-value* Kbps, higher than threshold *threshold-value* Kbps.
Solution:	N/A

ID:	0x424c0225
Type:	Event
Severity:	Critical
Message:	Level: *level*, bandwidth of application *application-name* is *bandwidth-value* Kbps, lower than threshold *threshold-value* Kbps.
Description:	Level: *level*, bandwidth of application *application-name* is *bandwidth-value* Kbps, lower than threshold *threshold-value* Kbps.
Solution:	N/A

ID:	0x424c0226
Type:	Event
Severity:	Critical
Message:	Level: *level*, bandwidth of application *application-name* is higher than threshold *threshold-value* Kbps for *X* seconds.
Description:	Level: *level*, bandwidth of application *application-name* is higher than threshold *threshold-value* Kbps for *X* seconds.
Solution:	N/A

ID:	0x424c0227
Type:	Event
Severity:	Critical
Message:	Level: *level*, bandwidth of application *application-name* is lower than threshold *threshold-value* Kbps for *X* seconds.
Description:	Level: *level*, bandwidth of application *application-name* is lower than threshold *threshold-value* Kbps for *X* seconds.
Solution:	N/A

ID:	0x424c0228
Type:	Event
Severity:	Critical
Message:	Level: *level*, number of new sessions of application *application-name* is *session-number*, higher than threshold *threshold-value*.
Description:	Level: *level*, number of new sessions of application *application-name* is *session-number*, higher than threshold *threshold-value*.
Solution:	N/A

ID:	0x424c0229
Type:	Event
Severity:	Critical
Message:	Level: *level*, number of new sessions of application *application-name* is *session-number*, higher than threshold *threshold-value*.
Description:	Level: *level*, number of new sessions of application *application-name* is *session-number*, higher than threshold *threshold-value*.
Solution:	N/A

ID:	0x424c022a
Type:	Event
Severity:	Critical
Message:	Level: *level*, number of new sessions of application *application-name* is higher than threshold *threshold-value* for *X* seconds.

Description:	Level: *level*, number of new sessions of application *application-name* is higher than threshold *threshold-value* for *X* seconds.
Solution:	N/A

ID:	0x424c022b
Type:	Event
Severity:	Critical
Message:	Level: *level*, number of new sessions of application *application-name* is lower than threshold *threshold-value* for *X* seconds.
Description:	Level: *level*, number of new sessions of application *application-name* is lower than threshold *threshold-value* for *X* seconds.
Solution:	N/A

ID:	0x424022c
Type:	Event
Severity:	Critical
Message:	Level: *level*, number of concurrent sessions of application *application-name* is *session-number*, higher than threshold *threshold-value*.
Description:	Level: *level*, number of concurrent sessions of application *application-name* is *session-number*, higher than threshold *threshold-value*.
Solution:	N/A

ID:	0x424c022d
Type:	Event
Severity:	Critical
Message:	Level: *level*, number of concurrent sessions of application *application-name* is *session-number*, lower than threshold *threshold-value*.
Description:	Level: *level*, number of concurrent sessions of application *application-name* is *session-number*, lower than threshold *threshold-value*.
Solution:	N/A

ID:	0x424c022e
Type:	Event
Severity:	Critical
Message:	Level: *level*, number of concurrent sessions of application *application-name* is higher than threshold *threshold-value* for *X* seconds.
Description:	Level: *level*, number of concurrent sessions of application *application-name* is higher than threshold *threshold-value* for *X* seconds.

Solution:	N/A

ID:	0x424c022f
Type:	Event
Severity:	Critical
Message:	Level: *level*, number of concurrent sessions of application *application-name* is lower than threshold *threshold-value* for *X* seconds.
Description:	Level: *level*, number of concurrent sessions of application *application-name* is lower than threshold *threshold-value* for *X* seconds.
Solution:	N/A

ID:	0x424c0230
Type:	Event
Severity:	Critical
Message:	Level: *level*, packet-forward-rate of application *application-name* is *bandwidth* pps, higher than threshold *threshold-value* pps.
Description:	Level: *level*, packet-forward-rate of application *application-name* is *bandwidth* pps, higher than threshold *threshold-value* pps.
Solution:	N/A

ID:	0x424c0231
Type:	Event
Severity:	Critical
Message:	Level: *level*, packet-forward-rate of application *application-name* is *bandwidth* pps, lower than threshold *threshold-value* pps.
Description:	Level: *level*, packet-forward-rate of application *application-name* is *bandwidth* pps, lower than threshold *threshold-value* pps.
Solution:	N/A

ID:	0x424c0232
Type:	Event
Severity:	Critical
Message:	Level: *level*, packet-forward-rate of application *application-name* is higher than threshold *threshold-value* pps for *X* seconds.
Description:	Level: *level*, packet-forward-rate of application *application-name* is higher than threshold *threshold-value* pps for *X* seconds.
Solution:	N/A

ID:	0x424c0233

Type:	Event
Severity:	Critical
Message:	Level: *level*, packet-forward-rate of application *application-name* is lower than threshold *threshold-value* pps for *X* seconds.
Description:	Level: *level*, packet-forward-rate of application *application-name* is lower than threshold *threshold-value* pps for *X* seconds.
Solution:	N/A

ID:	0x424c0234
Type:	Event
Severity:	Critical
Message:	ERROR: Alarm-rule id *rule-ID* subrule id *subrule-ID* insert into mysql failed.
Description:	ERROR: Failed to insert alarm-rule id *rule-ID* subrule id *subrule-ID* into mysql.
Solution:	N/A

ID:	0x424c0235
Type:	Event
Severity:	Critical
Message:	ERROR: insert service network node id *ID* to mysql failed.
Description:	ERROR: Failed to insert service network node id *ID* to mysql.
Solution:	N/A

ID:	0x424c0236
Type:	Event
Severity:	Critical
Message:	ERROR: del service network node id *ID* from mysql failed.
Description:	ERROR: Failed to delete service network node id *ID* from mysql.
Solution:	N/A

ID:	0x424c0237
Type:	Event
Severity:	Critical
Message:	ERROR: update service network node id *ID* to mysql failed.
Description:	ERROR: Failed to update service network node id *ID* to mysql.
Solution:	N/A

ID:	0x424c0238
Type:	Event
Severity:	Critical

Message:	number of new sessions is *session-number*, higher than threshold *threshold-value*.
Description:	The number of new sessions *session-number* is higher than threshold *threshold-value*.
Solution:	N/A

ID:	0x424c0239
Type:	Event
Severity:	Critical
Message:	number of new sessions is *session-number*, lower than threshold *threshold-value*.
Description:	The number of new sessions *session-number* is lower than threshold *threshold-value*.
Solution:	N/A

ID:	0x424c023a
Type:	Event
Severity:	Critical
Message:	number of new sessions is higher than threshold *threshold-value* for X seconds.
Description:	The number of new sessions is higher than threshold *threshold-value* for X seconds.
Solution:	N/A

ID:	0x424c023b
Type:	Event
Severity:	Critical
Message:	number of new sessions is lower than threshold *threshold-value* for X seconds.
Description:	The number of new sessions is lower than threshold *threshold-value* for X seconds.
Solution:	N/A

ID:	0x424c023c
Type:	Event
Severity:	Critical
Message:	number of concurrent sessions is *session-number*, higher than threshold *threshold-value*.
Description:	The number of concurrent sessions *session-number* is higher than threshold *threshold-value*.
Solution:	N/A

ID:	0x424c023d
Type:	Event
Severity:	Critical

Message:	number of concurrent sessions is *session-number*, lower than threshold *threshold-value*.
Description:	The number of concurrent sessions *session-number* is lower than threshold *threshold-value*.
Solution:	N/A

ID:	0x424c023e
Type:	Event
Severity:	Critical
Message:	number of concurrent sessions is higher than threshold *threshold-value* for *X* seconds.
Description:	The number of concurrent sessions is higher than threshold *threshold-value* for *X* seconds.
Solution:	N/A

ID:	0x424c023f
Type:	Event
Severity:	Critical
Message:	number of concurrent sessions is lower than threshold *threshold-value* for X seconds.
Description:	The number of concurrent sessions is lower than threshold *threshold-value* for X seconds.
Solution:	N/A

Monitor

ID:	0x44700a01
Type:	Event
Severity:	Critical
Message:	In the statistical set *set-name*, the maximum number of statistical items (*maximum-value*) has been reached.
Description:	The statistical items in the statistical set *set-name* reached the maximum number *maximum-value* that was allowed in the system.
Solution:	Check whether the accesses are too many or not.

ID:	0x44700a02
Type:	Event
Severity:	Critical
Message:	Failed to allocate memory to statistical items in the statistical set *set-name*.
Description:	Failed to allocate memory to statistical items in the statistical set *set-name*.
Solution:	N/A

ID:	0x44700a03
Type:	Event
Severity:	Critical
Message:	The monitor object ID pool *pool-name* is full (the capacity is *capacity-value*).
Description:	The monitor object ID pool is full.
Solution:	N/A

ID:	0x44700a08
Type:	Event
Severity:	Critical
Message:	Item for replace_hash allocs failed.
Description:	Item for replace_hash allocs was failed
Solution:	N/A

ID:	0x41280201
Type:	Event
Severity:	Critical
Message:	APM process *process-name* missed heartbeat.
Description:	APM process has missed heartbeat
Solution:	N/A

ID:	0x41280202
Type:	Event
Severity:	Critical
Message:	Send system state message failed.
Description:	The system state messages were failed to send.
Solution:	N/A

ID:	0x41280a03
Type:	Event
Severity:	Critical
Message:	APM system enters auto recovery, device reset.
Description:	APM system enters auto recovery, device reset.
Solution:	N/A

ID:	0x41280a04
Type:	Event
Severity:	Critical
Message:	Heartbeat state error, try reset state.
Description:	Heartbeat state occurs error, and try reset state.
Solution:	N/A

ID:	0x41280a05
Type:	Event
Severity:	Critical
Message:	Try to restart APM daemon *process-name*.
Description:	Try to restart APM daemon.
Solution:	N/A

ID:	0x41280206
Type:	Event
Severity:	Critical
Message:	Failed to push technical support file to server.
Description:	Failed to push technical support file to server.
Solution:	N/A

ID:	0x41280907
Type:	Event
Severity:	Alerts
Message:	*Time*: Firmware error. Device rebooted.
Description:	Firmware error at the time of *Time*. Device rebooted.
Solution:	N/A

ID:	0x41280908

Type:	Event
Severity:	Alerts
Message:	Firmware error. Please reboot.
Description:	Firmware occurs error. Please reboot.
Solution:	N/A

ID:	0x41280909
Type:	Event
Severity:	Alerts
Message:	Firmware error. All devices rebooted.
Description:	Firmware occurs error. All devices rebooted.
Solution:	N/A

ID:	0x41280a0a
Type:	Event
Severity:	Critical
Message:	BFM has not been online for *X* seconds.The device rebooted automatically.
Description:	BFM has not been online for *X* seconds.The device rebooted automatically.
Solution:	N/A

ID:	0x41280a0b
Type:	Event
Severity:	Critical
Message:	BFM has not been online for *X* seconds.The device did not reboot.
Description:	BFM has not been online for *X* seconds.The device did not reboot.
Solution:	N/A

ID:	0x41280a0c
Type:	Event
Severity:	Critical
Message:	BFM missed heartbeat for *X* seconds.The device rebooted automatically.
Description:	BFM missed heartbeat for *X* seconds.The device rebooted automatically.
Solution:	N/A

ID:	0x41280a0d
Type:	Event
Severity:	Critical
Message:	BFM missed heartbeat for *X* seconds.The device did not reboot.

Description:	BFM missed heartbeat for *X* seconds.The device did not reboot.
Solution:	N/A

ID:	0x4128090e
Type:	Event
Severity:	Alerts
Message:	The firmware versions between the BFM and the APM is inconsistent. Please upgrade or switch the BFM firmware to the same version of the APM \"*version*\" manually.
Description:	The firmware versions between the BFM and the APM is inconsistent. Please upgrade or switch the BFM firmware to the same version of the APM \"*version*\" manually.
Solution:	N/A

ID:	0x4128090f
Type:	Event
Severity:	Alerts
Message:	The BFM has been replaced, reboot the APM to adapt the new BFM.
Description:	The BFM has been replaced, reboot the APM to adapt the new BFM.
Solution:	N/A

ID:	0x41280a10
Type:	Event
Severity:	Critical
Message:	BFM missed heartbeat for X seconds, reboot APM.
Description:	BFM missed heartbeat for X seconds. APM reboots.
Solution:	N/A

ID:	0x41280a11
Type:	Event
Severity:	Critical
Message:	BFM missed heartbeat for X seconds, did not reboot APM.
Description:	BFM missed heartbeat for X seconds. APM did not reboot.
Solution:	N/A

ID:	0x41280a12
Type:	Event
Severity:	Critical
Message:	APM changed state from *state1* to *state2*.
Description:	APM changed state from *state1* to *state2*.
Solution:	N/A

ID:	0x41280e13
Type:	Event
Severity:	Informational
Message:	APM changed priority from *level1* to *level2*.
Description:	APM changed priority from *level1* to *level2*.
Solution:	N/A

ID:	0x4f040301
Type:	Event
Severity:	Errors
Message:	Memory monitor initializes failed and exit.
Description:	Memory monitor is failed to initialize and exits.
Solution:	N/A

ID:	0x4f040602
Type:	Event
Severity:	Informational
Message:	Memory monitor initializes success.
Description:	Memory monitor is successfully initialized.
Solution:	N/A

ID:	0x4f040603
Type:	Event
Severity:	Informational
Message:	Memory monitor exit.
Description:	Memory monitor exits.
Solution:	N/A

ID:	0x46ad4401
Type:	EI
Severity:	Warning
Message:	Detect time: *detect-time*, rule name: *policy-name*, src-zone: *src-zone-name*, src-IP: *src-IP-address*, endpoint number: *endpoint-number*, action type: *action-type*, control duration: *duration*, endpoint desc: *endpoint-description*.
Description:	The share access information: Detect time: *detect-time*, rule name: *policy-name*, src-zone: *src-zone-name*, src-IP: *src-IP-address*, endpoint number: *endpoint-number*, action type: *action-type*, control duration: *duration*, endpoint desc: *endpoint-description*.
Solution:	N/A

Cloud

ID:	0x41300601
Type:	Event
Severity:	Informational
Message:	Update package: Package *package* APP message number *total number* received *received packet number*.
Description:	Update package: Package package APP message number total number received received packet number.
Solution:	N/A

ID:	0x41300602
Type:	Event
Severity:	Informational
Message:	Report data: APP message number *signature number* unknown APP message number *unknown APP number* APP hit message number *hit number*.
Description:	Report data: APP message number signature number unknown APP message number unknown APP number APP hit message number hit number.
Solution:	N/A

ID:	0x41300603
Type:	Event
Severity:	Informational
Message:	Device urgent: APP urgent message number *signature number*.
Description:	Device urgent: APP urgent message number signature number.
Solution:	N/A

ID:	0x41300604
Type:	Event
Severity:	Informational
Message:	Cloud urgent: cloud urgent message number %d.
Description:	Cloud urgent: cloud urgent message number %d.
Solution:	N/A

ID:	0x41300605
Type:	Event
Severity:	Informational
Message:	Cloud configuration: Pull cycle *pull cycle* push cycle *push*

	cycle assert mode *mode* cloud is busy *busy* adjust time *time* maximum report *report*.
Description:	Cloud configuration: Pull cycle pull cycle push cycle push cycle assert mode mode cloud is busy busy adjust time time maximum report report.
Solution:	N/A

Packet Path Detection

ID:	0x43540601
Type:	Event
Severity:	Informational
Message:	Packet trace live traffic filter *filter-name* is turned on.
Description:	The online detected source *filter-name* started the detection.
Solution:	N/A

ID:	0x43540602
Type:	Event
Severity:	Informational
Message:	Packet trace live traffic filter *filter-name* is turned off.
Description:	The online detected source *filter-name* stopped the detection.
Solution:	N/A

ID:	0x43540603
Type:	Event
Severity:	Informational
Message:	Packet trace replay-file filter *filter-name* is turned on.
Description:	The imported detected source *filter-name* started the detection.
Solution:	N/A

ID:	0x43540604
Type:	Event
Severity:	Informational
Message:	Packet trace replay-file filter *filter-name* is turned off.
Description:	The imported detected source *filter-name* stopped the detection.
Solution:	N/A

ID:	0x43540605
Type:	Event
Severity:	Informational
Message:	Packet trace emulation-template *template-name* is turned on.
Description:	The emulation detected source *filter-name* started the detection.
Solution:	N/A

ID:	0x43540606

Type:	Event
Severity:	Informational
Message:	Packet trace emulation template *template-name* is turned off.
Description:	The emulation detected source *filter-name* stopped the detection.
Solution:	N/A

ID:	0x46580601
Type:	Event
Severity:	Informational
Message:	error: error message.
Description:	An error *error message* occurred.
Solution:	N/A

ID:	0x46580602
Type:	Event
Severity:	Informational
Message:	Packet dump file size(*file-size* bytes) exceeds the maximum dump file size(*maximum-file-size* bytes). Please disable packet dump debug!
Description:	The cache file of the packets exceeded the allowed maximum file size. Please disable the packet capture function.
Solution:	N/A

ID:	0x46580603
Type:	Event
Severity:	Informational
Message:	Packet dump debug is disabled and packets dumped are saved in file *file-name*. Please use command \"export pktdump...\" to export it.
Description:	The packet capture function was disabled. Users can export the packet file by using the **`export pktdump`**… command.
Solution:	N/A

Threat Protection

ID:	0x4b040301
Type:	Event
Severity:	Error
Message:	Initialize UTAD Application failed, Exit.
Description:	Failed to initialize the UTAP application. The program was exited.
Solution:	N/A

ID:	0x4b040602
Type:	Event
Severity:	Informational
Message:	Starting up UTAD Application successfully.
Description:	Successfully started the UTAD application.
Solution:	N/A

ID:	0x4b040603
Type:	Event
Severity:	Informational
Message:	UTAD Application exit.
Description:	The UTAP application was exited.
Solution:	N/A

ID:	0x4b040404
Type:	Event
Severity:	Warnings
Message:	Incomplete threat information.
Description:	The threat information was not complete. The UTAD application cannot analyze the information.
Solution:	N/A

ID:	0x4b040405
Type:	Event
Severity:	Warnings
Message:	Cannot parse Zone/VR/VSYS information.
Description:	UTAD cannot analyze the information of zone, VR, and VSYS.
Solution:	N/A

ID:	0x4b040506
Type:	Event
Severity:	Notifications
Message:	can not parse pc ID/user ID information, IP: *IP-address*

	VRID: *ID*
Description:	UTAD cannot obtain the user and machine information according to the *IP-address* and *ID*.
Solution:	N/A

ID:	0x4b040507
Type:	Event
Severity:	Notifications
Message:	drop WAN to WAN threat information
Description:	The system dropped the threat information from WAN to WAN.
Solution:	N/A

ID:	0x4b040508
Type:	Event
Severity:	Notifications
Message:	drop unknown detect engine threat information
Description:	The system dropped the threat information detected by an unknown module.
Solution:	N/A

ID:	0x4b040409
Type:	Event
Severity:	Warnings
Message:	No enough memory for copy threaten
Description:	Failed to copy the threat information due to the lack of memory.
Solution:	N/A

ID:	0x4b04040a
Type:	Event
Severity:	Warnings
Message:	Threat queue is full, enqueue failed, drop threaten.
Description:	N/A
Solution:	N/A

ID:	0x4b04040b
Type:	Event
Severity:	Warnings
Message:	Insert threat information to database failed.
Description:	Failed to add the threat information to the database.
Solution:	N/A

ID:	0x4b04040c

Type:	Event
Severity:	Warnings
Message:	Insert chip information to database failed.
Description:	Failed to add the information of the controlled host to the database.
Solution:	N/A

ID:	0x4b04040d
Type:	Event
Severity:	Warnings
Message:	Failed to insert PC severity information to database
Description:	Failed to add the host threat index information to the database.
Solution:	N/A

ID:	0x4b04040e
Type:	Event
Severity:	Warnings
Message:	Insert network health information to database failed.
Description:	Failed to add the network health index to the database.
Solution:	N/A

ID:	0x4b080401
Type:	Event
Severity:	Warnings
Message:	Invalid format log: *log message*.
Description:	The following log format is invalid: *log message*.
Solution:	N/A

ID:	0x4b080402
Type:	Event
Severity:	Warnings
Message:	No enough memory for new threaten.
Description:	Failed to apply for the memory of threat information due to the lack of memory.
Solution:	N/A

ID:	0x4b080403
Type:	Event
Severity:	Warnings
Message:	Prepare process threat failed: *message*.
Description:	Failed to handle the information *message* in advance.
Solution:	N/A

ID:	0x4b0c9401
Type:	Threat
Severity:	Warnings
Message:	From srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender* .
Description:	The system detects a threat, *from* srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender* .
Solution:	N/A

ID:	0x4d049401
Type:	Threat
Severity:	Warnings
Message:	From srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender* : bypass mode.
Description:	The system detects a threat, *from* srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender* : bypass mode.
Solution:	N/A

ID:	0x4d049402
Type:	Threat
Severity:	Warnings
Message:	From srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender* : survey mode.
Description:	The system detects a threat, *from* srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender* : survey mode.
Solution:	N/A

ID:	0x4d049403
Type:	Threat
Severity:	Warnings
Message:	From *source-ip*：*source-port(src-interface-name)* to *destination-ip*：*destination-port(dst-interface-name),* threat

	name*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender*:bypass mode, detection modules: *detection-modules*.
Description:	The system detects a threat,f*rom source-ip*：*source-port(src-interface-name)* to *destination-ip*：*destination-port(dst-interface-name),* threat name*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender*:bypass mode, detection modules: *detection-modules*.
Solution:	N/A

ID:	0x4d049404
Type:	Threat
Severity:	Warnings
Message:	F*rom source-ip*：*source-port(src-interface-name)* to *destination-ip*：*destination-port(dst-interface-name),* threat name*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender*: survey mode, detection modules: *detection-modules*.
Description:	The system detects a threat,f*rom source-ip*：*source-port(src-interface-name)* to *destination-ip*：*destination-port(dst-interface-name),* threat name*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender*: survey mode, detection modules: *detection-modules*.
Solution:	N/A

ID:	0x46809401
Type:	Threat
Severity:	Warnings
Message:	F*rom* srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender* severity: *severity*, detected low reputation ip: *IP-address*, reputation index *reputation index*, hit-count: *count*(in the last X seconds).
Description:	The system detects a threat, f*rom* srcip: *source-ip (src-interface-name) to* dstip: *destination-ip (dst-interface-name),* threat name*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender* severity: *severity*, detected low reputation ip: *IP-address*, reputation index *reputation index*, hit-count: *count*(in the last X seconds).
Solution:	N/A

ID:	0x4b0c5401
Type:	Security
Severity:	Warnings

Message:	In the detectable whole network, the system detected a *level* level anomaly. Anomaly parameter: *parameter-name*, anomaly value: *value*, *value description*.
Description:	In the whole detectable network, the system detected the following exception: level *level*, abnormal parameter *parameter-name*, abnormal value *value* and its description *value description*.
Solution:	N/A

ID:	0x4b0c5402
Type:	Security
Severity:	Warnings
Message:	In the detectable whole network, the system detected that the application *APP-name* carried a *level* level anomaly. Anomaly parameter: *parameter-name*, anomaly value: *value*, *value description*.
Description:	In the whole detectable network, the system detected the following exception of the application *APP-name*: level *level*, abnormal parameter *parameter-name*, abnormal value *value* and its description *value description*.
Solution:	N/A

ID:	0x4b0c5403
Type:	Security
Severity:	Warnings
Message:	In the VSYS *VSYS-name*, the system detected a *level* level anomaly. Anomaly parameter: *parameter-name*, anomaly value: *value*, *value description*.
Description:	In the VSYS *VSYS-name*, the system detected the following exception: level *level*, abnormal parameter *parameter-name*, abnormal value *value* and its description *value description*.
Solution:	N/A

ID:	0x4b0c5404
Type:	Security
Severity:	Warnings
Message:	In the VSYS *VSYS-name*, the system detected that the application *APP-name* carried a *level* level anomaly. Anomaly parameter: *parameter-name*, anomaly value: *value*, *value description*.
Description:	In the VSYS *VSYS-name*, the system detected the following exception of the application *APP-name*: level *level*, abnormal parameter *parameter-name*, abnormal value *value* and its description *value description*.
Solution:	N/A

ID:	0x4b0c5405
Type:	Security

Severity:	Warnings
Message:	In the VR *VR-name*, the system detected a *level* level anomaly. Anomaly parameter: *parameter-name*, anomaly value: *value*, *value description*.
Description:	In the VR *VR-name*, the system detected the following exception: level *level*, abnormal parameter *parameter-name*, abnormal value *value* and its description *value description*.
Solution:	N/A

ID:	0x4b0c5406
Type:	Security
Severity:	Warnings
Message:	In the VR *VR-name*, the system detected that the application *APP-name* carried a *level* level anomaly. Anomaly parameter: *parameter-name*, anomaly value: *value*, *value description*.
Description:	In the VR *VR-name*, the system detected the following exception of the application *APP-name*: level *level*, abnormal parameter *parameter-name*, abnormal value *value* and its description *value description*.
Solution:	N/A

ID:	0x4b0c5407
Type:	Security
Severity:	Warnings
Message:	In the subnet *A.B.C.D/mask*, the system detected a *level* level anomaly. Anomaly parameter: *parameter-name*, anomaly value: *value*, *value description*.
Description:	In the subnet *A.B.C.D/mask*, the system detected the following exception: level *level*, abnormal parameter *parameter-name*, abnormal value *value* and its description *value description*.
Solution:	N/A

ID:	0x4b0c5408
Type:	Security
Severity:	Warnings
Message:	In the subnet *A.B.C.D/mask*, the system detected that the application *APP-name* carried a *level* level anomaly. Anomaly parameter: *parameter-name*, anomaly value: *value*, *value description*.
Description:	In the subnet *A.B.C.D/mask*, the system detected the following exception of the application *APP-name*: level *level*, abnormal parameter *parameter-name*, abnormal value *value* and its description *value description*.
Solution:	N/A

ID:	0x4b0c5409

Type:	Security
Severity:	Warnings
Message:	In the subnet *subnet*, the system detected a *level* level anomaly. Anomaly parameter: *parameter-name*, anomaly value: *value*, *value description*.
Description:	In the subnet *subnet*, the system detected the following exception: level *level*, abnormal parameter *parameter-name*, abnormal value *value* and its description *value description*.
Solution:	N/A

ID:	0x4b0c540a
Type:	Security
Severity:	Warnings
Message:	In the subnet *subnet*, the system detected that the application *APP-name* carried a *level* level anomaly. Anomaly parameter: *parameter-name*, anomaly value: *value*, *value description*.
Description:	In the subnet *subnet*, the system detected the following exception of the application *APP-name*: level *level*, abnormal parameter *parameter-name*, abnormal value *value* and its description *value description*.
Solution:	N/A

ID:	0x4b0c540b
Type:	Security
Severity:	Warnings
Message:	On the host/server *A.B.C.D*, the system detected a *level* level anomaly. Anomaly parameter: *parameter-name*, anomaly value: *value*, *value description*.
Description:	In the host/server *A.B.C.D*, the system detected the following exception: level *level*, abnormal parameter *parameter-name*, abnormal value *value* and its description *value description*.
Solution:	N/A

ID:	0x4b0c540c
Type:	Security
Severity:	Warnings
Message:	On the host/server *A.B.C.D*, the system detected that the application *APP-name* carried a *level* level anomaly. Anomaly parameter: *parameter-name*, anomaly value: *value*, *value description*.
Description:	In the host/server *A.B.C.D*, the system detected the following exception of the application *APP-name*: level *level*, abnormal parameter *parameter-name*, abnormal value *value* and its description *value description*.
Solution:	N/A

ID:	0x4b0c540d
Type:	Security
Severity:	Warnings
Message:	On the host/server *host/server-name*, the system detected a *level* level anomaly. Anomaly parameter: *parameter-name*, anomaly value: *value*, *value description*.
Description:	In the host *host-name*/server *server-name*, the system detected the following: level *level*, abnormal parameter *parameter-name*, abnormal value *value* and its description *value description*.
Solution:	N/A

ID:	0x4b0c540e
Type:	Security
Severity:	Warnings
Message:	On the host/server *host/server-name*, the system detected that the application *APP-name* carried a *level* level anomaly. Anomaly parameter: *parameter-name*, anomaly value: *value*, *value description*.
Description:	In the host *host-name*/server *server-name*, the system detected the following exception of the application *APP-name*: level *level*, abnormal parameter *parameter-name*, abnormal value *value* and its description *value description*.
Solution:	N/A

ID:	0x4b0c540f
Type:	Security
Severity:	Warnings
Message:	On the service *A.B.C.D* (protocol: *protocol-number*, port: *port-number*), the system detected a *level* level anomaly. Anomaly parameter: *parameter-name*, anomaly value: *value*, *value description*.
Description:	In the service *A.B.C.D* (protocol: *protocol-number*, port: *port-number*), the system detected the following exception: level *level*, abnormal parameter *parameter-name*, abnormal value *value* and its description *value description*.
Solution:	N/A

ID:	0x4b0c5410
Type:	Security
Severity:	Warnings
Message:	On the service *A.B.C.D* (protocol: *protocol-number*, port: *port-number*), the system detected that the application *APP-name* carried a *level* level anomaly. Anomaly parameter: *parameter-name*, anomaly value: *value*, *value description*.
Description:	In the service *A.B.C.D* (protocol: *protocol-number*, port: *port-number*), the system detected the following exception of the application *APP-name*: level *level*, abnormal

	parameter *parameter-name*, abnormal value *value* and its description *value description*.
Solution:	N/A

ID:	0x4b0c5411
Type:	Security
Severity:	Warnings
Message:	On the service *service-name*, the system detected a *level* level anomaly. Anomaly parameter: *parameter-name*, anomaly value: *value*, *value description*.
Description:	In the service *service-name*, the system detected the following exception: level *level*, abnormal parameter *parameter-name*, abnormal value *value* and its description *value description*.
Solution:	N/A

ID:	0x4b0c5412
Type:	Security
Severity:	Warnings
Message:	On the service *service-name*, the system detected that the application *APP-name* carried a *level* level anomaly. Anomaly parameter: *parameter-name*, anomaly value: *value*, *value description*.
Description:	In the service *service-name*, the system detected the following exception of the application *APP-name*: level *level*, abnormal parameter *parameter-name*, abnormal value *value* and its description *value description*.
Solution:	N/A

ID:	0x4b0c5413
Type:	Security
Severity:	Warnings
Message:	In the detectable whole network, the system detected a *level* level *type* behavior abnormity.
Description:	In the whole detectable network, the system detected the following abnormal behavior: level *level*, type *type*.
Solution:	N/A

ID:	0x4b0c5414
Type:	Security
Severity:	Warnings
Message:	In the VSYS *VSYS-name*, the system detected a *level* level *type* behavior abnormity.
Description:	In the VSYS *VSYS-name*, the system detected the following abnormal behavior: level *level*, type *type*.
Solution:	N/A

ID:	0x4b0c5415
Type:	Security
Severity:	Warnings
Message:	In the VR *VR-name*, the system detected a *level* level *type* behavior abnormity.
Description:	In the VR *VR-name*, the system detected the following abnormal behavior: level *level*, type *type*.
Solution:	N/A

ID:	0x4b0c5416
Type:	Security
Severity:	Warnings
Message:	In the subnet *A.B.C.D/netmask*, the system detected a *level* level *type* behavior abnormity.
Description:	In the subnet *A.B.C.D/netmask*, the system detected the following abnormal behavior: level *level*, type *type*.
Solution:	N/A

ID:	0x4b0c5417
Type:	Security
Severity:	Warnings
Message:	In the subnet *sub-network*, the system detected a *level* level *type* behavior abnormity.
Description:	In the subnet *sub-network*, the system detected the following abnormal behavior: level *level*, type *type*.
Solution:	N/A

ID:	0x4b0c5418
Type:	Security
Severity:	Warnings
Message:	On the host/sever *A.B.C.D*, the system detected a *level* level *type* behavior abnormity.
Description:	In the host/server *A.B.C.D*, the system detected the following abnormal behavior: level *level*, type *type*.
Solution:	N/A

ID:	0x4b0c5419
Type:	Security
Severity:	Warnings
Message:	On the host/sever *host/server-name*, the system detected a *level* level *type* behavior abnormity.
Description:	In the host *host-name*/server *server-name*, the system detected the following abnormal behavior: level *level*, type *type*.
Solution:	N/A

ID:	0x4b0c541a
Type:	Security
Severity:	Warnings
Message:	On service *A.B.C.D* (protocol: *protocol-number*, port: *port-number*), the system detected a *level* level *type* behavior abnormity.
Description:	In the service *A.B.C.D* (protocol: *protocol-number*, port: *port-number*), the system detected the following abnormal behavior: level *level*, type *type*.
Solution:	N/A

ID:	0x4b0c541b
Type:	Security
Severity:	Warnings
Message:	On service *service-name*, the system detected a *level* level *type* behavior abnormity.
Description:	In the service *service-name*, the system detected the following abnormal behavior: level *level*, type *type*.
Solution:	N/A

ID:	0x4b0c0602
Type:	Event
Severity:	Informational
Message:	The baseline of the detected item *item-name* will be re-built.
Description:	The system will rebuild the baseline for the detected item *item-name*.
Solution:	N/A

ID:	0x4b0c0603
Type:	Event
Severity:	Informational
Message:	The history statistics of detected item *item-name* has been cleared.
Description:	The system cleared the history statistics of the detected item *item-name*.
Solution:	N/A

ID:	0x4b0c0604
Type:	Event
Severity:	Informational
Message:	The detected item *item-name* has been reset.
Description:	The system reset the detected item *item-name*.
Solution:	N/A

ID:	0x4b100401

Type:	Event
Severity:	Warnings
Message:	The maximum number of threat logs has been reached, please check whether the device is under massive attack.
Description:	The system reached the maximum number of threat logs. Check whether the device encountered massive attacks.
Solution:	N/A

ID:	0x4b100102
Type:	Event
Severity:	Alerts
Message:	The backup data of threat logs is already full, please save the backup data and clean the backup data on the device as soon as possible.
Description:	The space for backup data of threat logs was full. Please archive the back data.
Solution:	N/A

ID:	0x4e040301
Type:	Event
Severity:	Errors
Message:	Failed to initialize the knowledge base and exit.
Description:	Knowledge base initializes failed and exit.
Solution:	N/A

ID:	0x4e040602
Type:	Event
Severity:	Informational
Message:	Knowledge base initializes success.
Description:	Successfully initialized the knowledge base.
Solution:	N/A

ID:	0x4e040603
Type:	Event
Severity:	Informational
Message:	Knowledge base exit.
Description:	Exit the knowledge base.
Solution:	N/A

ID:	0x446c0402
Type:	Event
Severity:	Warnings
Message:	The maximum number of DNS mapping entrys (*maximum-number*) has been reached.
Description:	The DNS mapping entrys reach the *maximum-number*.

Solution:	N/A

ID:	0x46880501
Type:	Event
Severity:	Notifications
Message:	From *source IP*: *source port* (*source interface*) to *destination IP*: *destination port* (*destination interface*), App/Protocol: *application name*, URL *URL*, profile: *profile name*, policy id: *policy id*, file type: *file type*, file *file MD5* is uploaded to the cloud.
Description:	From source IP: source port (source interface) to destination IP: destination port (destination interface), App/Protocol: application name, URL URL, profile: profile name, policy id: policy id, file type: file type, file file MD5 is uploaded to the cloud.
Solution:	N/A

ID:	0x4688a501
Type:	Sandbox
Severity:	Notifications
Message:	Receive time: *time*, file name: *name*, from *source-IP source-port* to *destination-IP destination-port*, profile: *profile-name*, direction: *direction*, URL: *URL*, App/Protocol: *APP/protocol-name*, file type: *types*, detect by: *detect-stage*, verdict: *result*.
Description:	N/A
Solution:	N/A

ID:	0x46889402
Type:	Threat
Severity:	Warnings
Message:	From *source IP*: *source port (source interface)* to *destination IP*: *destination port* (*destination interface*), threat name: *threat*, threat type: *threat type*, threat subtype: *threat type 1*, App/Protocol: *application*, action: *action*, defender: *defender*, URL *URL*, profile: *profile name*, threat severity: *severity*, threat confidence: *confidence*, policy id: *policy id*.
Description:	From source IP: *source port (source interface)* to destination IP: *destination port (destination interface)*, threat name: *threat*, threat type: *threat type*, threat subtype: *threat type 1*, App/Protocol: *application*, action: *action*, defender: *defender*, URL *URL*, profile: *profile name*, threat severity: *severity*, threat confidence: *confidence*, policy id: *policy id*.
Solution:	N/A

Threat type ID, threat subtype ID, and threat name list are as follows:

Threat Type ID	Threat Name	Threat Subtype ID	Threat Subtype Name
1	Scan	1-1	Port Scan
		1-2	Vulnerability Scan
		1-3	Web Application Scan
		1-16	IP Scan
2	Attack	2-4	Vulnerability Exploit Attack
		2-5	Web Attack
		2-6	Password Attack
		2-7	Spoofing
		2-8	Hijacking
		2-9	Protocol Exception
		2-26	Other Suspicious Behavior
		2-27	Suspicious DNS Activity
		2-28	Suspicious File Operation
		2-29	Suspicious Protocol Error
		2-32	Evasion
		2-33	Access Control
		2-34	Buffer Overflow
		2-35	Mail Attack
3	DoS	3-19	Zip Of Death
		3-20	SSL DDOS
		3-21	DDOS Flood
		3-22	DDOS Sockstress
		3-23	DDOS Reflect
		3-24	Application DDOS
		3-25	DNS Query Flood
4	Phishing	4-30	Phishing

5	Spam	5-31	Spam
6	Malware	6-10	Trojan
		6-11	Worm
		6-12	Virus
		6-13	Adware
		6-14	Riskware
		6-15	Hacking Tool
		6-17	Grayware
		6-18	Spyware

Anti-Spam

ID:	0x469c9401
Type:	Threat
Severity:	Warnings
Message:	From *srcip: source-ip (src-interface-name)* to dstip: *destination-ip (dst-interface-name)*, threat name: *threat name*, threat type: *threat type*, threat subtype: *threat subtype*, App/Protocol: *App/Protocol*, action: *action*, defender: *defender*, sender: *sender*, recipient: *recipient*, subject: *subject*, profile: *profile-name*, threat severity: *severity*, policy id: *policy-ID*.
Description:	System detects a spam, from *srcip: source-ip (src-interface-name)* to *dstip: destination-ip (dst-interface-name)*, threat name: *threat name*, threat type: *threat type*, threat subtype: *threat subtype*, App/Protocol: *App/Protocol*, action: *action*, defender: *defender*, sender: *sender*, recipient: *recipient*, subject: *subject*, profile: *profile-name*, threat severity: *severity*, policy id: *policy-ID*.
Solution:	N/A

ID:	0x469c0402
Type:	Event
Severity:	Warnings
Message:	Failed to scan mail, the connection to AS cloud server is unavailable.
Description:	Failed to scan mail, the reason is the connection to AS cloud server is unavailable.
Solution:	N/A

ID:	0x469c0403
Type:	Event
Severity:	Warnings
Message:	Failed to scan mail, AS cloud server response timeout.
Description:	Failed to scan mail, the reason is AS cloud server response timeout.
Solution:	N/A

ID:	0x469c0404
Type:	Event
Severity:	Warnings
Message:	Failed to scan mail, the connection to AS cloud server is still unavailable.
Description:	Failed to scan mail, the reason is the connection to AS cloud server is still unavailable.
Solution:	N/A

ID:	0x469c0505
Type:	Event
Severity:	Notifications
Message:	The connection to AS cloud server is recovered.
Description:	The connection to AS cloud server is recovered.
Solution:	N/A

Botnet C&C Prevention

ID:	0x46a49401
Type:	Threat
Severity:	Warnings
Message:	F*rom srcip*: *source-port (src-interface-name)* to *dstip*: *destination-port (dst-interface-name),* threat name*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender,* CC server: *CC server address,* profile: *profile name*, threat severity: *severity*, policy id: *policy id*.
Description:	System detects the botnet, f*rom srcip*: *source-port (src-interface-name)* to *dstip*: *destination-port (dst-interface-name),* threat name*: threat name,* threat type*: threat type,* threat subtype*: threat subtype,* App/Protocol*: App/Protocol,* action*: action,* defender*: defender,* CC server: *CC server address,* profile: *profile name*, threat severity: *severity*, policy id: *policy id*.
Solution:	N/A

Risk Mitigation

ID:	0x4c040301
Type:	Event
Severity:	Errors
Message:	Risk management initializes failed and exit.
Description:	Failed to initialize the risk management. The program was exited.
Solution:	N/A

ID:	0x4c040602
Type:	Event
Severity:	Informational
Message:	Risk management initializes success.
Description:	Successfully started risk management.
Solution:	N/A

ID:	0x4c040603
Type:	Event
Severity:	Informational
Message:	Risk management exit.
Description:	Risk management was exited.
Solution:	N/A

ID:	0x4c0c0301
Type:	Event
Severity:	Errors
Message:	Risk management mitigation rules reaches capacity, the capacity is *capacity-val*.
Description:	Risk management mitigation rules reaches capacity *capacity-val*.
Solution:	N/A

ID:	0x4c080601
Type:	Event
Severity:	Informational
Message:	Mitigation action: add generated mitigation action by mitigation rule *rule-id*, type: new session limit. If the number of new sessions from *source-ip* to *destination-ip* reaches *session-number*, *drop-percent* will be dropped.
Description:	The mitigation rule *rule-id* of new session limit was matched and the mitigation action was executed.
Solution:	N/A

ID:	0x4c080602

Type:	Event
Severity:	Informational
Message:	Mitigation action: add generated mitigation action by mitigation rule *rule-id*, type: concurrent session limit. If the number of concurrent sessions from *source-ip* to *destination-ip* reaches *session-number*, *drop-percent* will be dropped.
Description:	The mitigation rule *rule-id* of concurrent session limit was matched and the mitigation action was executed.
Solution:	N/A

ID:	0x4c080603
Type:	Event
Severity:	Informational
Message:	Mitigation action: add generated mitigation action by mitigation rule *rule-id*, type: bandwidth limit. If the bandwidth from *source-ip* to *destination-ip* reaches *bw-number* Kbps, *drop-percent* will be dropped.
Description:	The mitigation rule *rule-id* of bandwidth limit was matched and the mitigation action was executed.
Solution:	N/A

ID:	0x4c080604
Type:	Event
Severity:	Informational
Message:	Mitigation action: add generated mitigation action by mitigation rule *rule-id*, type: block. The connections from *source-ip* to *destination-ip* will be blocked.
Description:	The mitigation rule *rule-id* of block was matched and the mitigation action was executed.
Solution:	N/A

ID:	0x4c080605
Type:	Event
Severity:	Informational
Message:	Mitigation action: add user defined mitigation action, type: new session limit. If the number of new sessions from *source-ip* to *destination-ip* reaches *session-number*, *drop-percent* will be dropped.
Description:	The user defined mitigation rule *rule-id* of new session limit was matched and the mitigation action was executed.
Solution:	N/A

ID:	0x4c080606
Type:	Event
Severity:	Informational
Message:	Mitigation action: add user defined mitigation action, type: concurrent session limit. If the number of concurrent

	sessions from *source-ip* to *destination-ip* reaches *session-number*, *drop-percent* will be dropped.
Description:	The user defined mitigation rule *rule-id* of concurrent session limit was matched and the mitigation action was executed.
Solution:	N/A

ID:	0x4c080607
Type:	Event
Severity:	Informational
Message:	Mitigation action: add user defined mitigation action, type: bandwidth limit. If the bandwidth from *source-ip* to *destination-ip* reaches *bw-number* Kbps, *drop-percent* will be dropped.
Description:	The user defined mitigation rule *rule-id* of bandwidth limit was matched and the mitigation action was executed.
Solution:	N/A

ID:	0x4c080608
Type:	Event
Severity:	Informational
Message:	Mitigation action: add user defined mitigation action, type: block. The connections from *source-ip* to *destination-ip* will be blocked.
Description:	The user defined mitigation rule *rule-id* of block was matched and the mitigation action was executed.
Solution:	N/A

ID:	0x4c080609
Type:	Event
Severity:	Informational
Message:	Mitigation action: delete mitigation action generated by mitigation rule *rule-id*, type: new session limit, from: *source-ip* , to: *destination-ip*, threshold: *session-number*, drop percent: *drop-percent*, lasts time: *last-time* seconds, hit number: *hit-number*.
Description:	The mitigation rule *rule-id* of new session limit was not matched any more and the mitigation action was withdrawed.
Solution:	N/A

ID:	0x4c08060a
Type:	Event
Severity:	Informational
Message:	Mitigation action: delete mitigation action generated by mitigation rule *rule-id*, type: concurrent session limit, from: *source-ip* , to: *destination-ip*, threshold: *session-number*, drop percent: *drop-percent*, lasts time: *last-time* seconds,

	hit number: *hit-number*.
Description:	The mitigation rule *rule-id* of concurrent session limit was not matched any more and the mitigation action was withdrawed.
Solution:	N/A

ID:	0x4c08060b
Type:	Event
Severity:	Informational
Message:	Mitigation action: delete mitigation action generated by mitigation rule *rule-id*, type: bandwidth limit, from: *source-ip* , to: *destination-ip*, threshold: *session-number*, drop percent: *drop-percent*, lasts time: *last-time* seconds, hit number: *hit-number*.
Description:	The mitigation rule *rule-id* of bandwidth limit was not matched any more and the mitigation action was withdrawed.
Solution:	N/A

ID:	0x4c08060c
Type:	Event
Severity:	Informational
Message:	Mitigation action: delete mitigation action generated by mitigation rule *rule-id*, type: block, from: *source-ip* , to: *destination-ip*, lasts time: *last-time* seconds, hit number: *hit-number*.
Description:	The mitigation rule *rule-id* of block was not matched any more and the mitigation action was withdrawed.
Solution:	N/A

ID:	0x4c08060d
Type:	Event
Severity:	Informational
Message:	Mitigation action: delete user defined mitigation action, type: new session limit, from: *source-ip* , to: *destination-ip*, threshold: *session-number*, drop percent: *drop-percent*, lasts time: *last-time* seconds, hit number: *hit-number*.
Description:	The user defined mitigation rule *rule-id* of new session limit was not matched any more and the mitigation action was withdrawed.
Solution:	N/A

ID:	0x4c08060e
Type:	Event
Severity:	Informational
Message:	Mitigation action: delete user defined mitigation action, type: concurrent session limit, from: *source-ip* , to: *destination-ip*, threshold: *session-number*, drop percent:

	drop-percent, lasts time: *last-time* seconds, hit number: *hit-number*.
Description:	The user defined mitigation rule *rule-id* of concurrent session limit was not matched any more and the mitigation action was withdrawed.
Solution:	N/A

ID:	0x4c08060f
Type:	Event
Severity:	Informational
Message:	Mitigation action: delete user defined mitigation action, type: bandwidth limit, from: *source-ip* , to: *destination-ip*, threshold: *session-number*, drop percent: *drop-percent*, lasts time: *last-time* seconds, hit number: *hit-number*.
Description:	The user defined mitigation rule *rule-id* of bandwidth limit was not matched any more and the mitigation action was withdrawed.
Solution:	N/A

ID:	0x4c080610
Type:	Event
Severity:	Informational
Message:	Mitigation action: delete user defined mitigation action, type: block, from: *source-ip* , to: *destination-ip*, lasts time: *last-time* seconds, hit number: *hit-number*.
Description:	The user defined mitigation rule *rule-id* of block was not matched any more and the mitigation action was withdrawed.
Solution:	N/A

ID:	0x4c080311
Type:	Event
Severity:	Errors
Message:	Mitigation action: add generated mitigation action by mitigation rule *rule-id* failed.
Description:	Failed to add generated mitigation action by mitigation rule *rule-id*.
Solution:	N/A

ID:	0x4c080312
Type:	Event
Severity:	Errors
Message:	Mitigation action: add user defined mitigation action failed.
Description:	Failed to add user defined mitigation action.
Solution:	N/A

ID:	0x4c080313

Type:	Event
Severity:	Errors
Message:	Mitigation action: delete generated mitigation action by mitigation rule *rule-id* failed.
Description:	Failed to delete generated mitigation action by mitigation rule *rule-id*.
Solution:	N/A

ID:	0x4c080314
Type:	Event
Severity:	Errors
Message:	Mitigation action: delete user defined mitigation (id: *rule-id*) action failed.
Description:	Failed to delete user defined mitigation (id: *rule-id*) action.
Solution:	N/A

Reports

ID:	0x42540601
Type:	Event
Severity:	Informational
Message:	*taskname* created by *user* has generated *file-type* file(s) and send to *address* at *time*.
Description:	*taskname* created by *user* has generated *file-type* file(s) and send to *address* at *time*.
Solution:	N/A

ID:	0x4c040602
Type:	Event
Severity:	Informational
Message:	*taskname* created by *user* has generated *file-type* file(s) at *time*.
Description:	*taskname* created by *user* has generated *file-type* file(s) at *time*.
Solution:	N/A

Appendix

The actual value of variables in the information content of the log is mainly determined by the actual configuration of the user or the predefined category of StoneOS. The range of values of some variables in the log content can be referred to as follows.

Variables of Threat Log

Threat Type /Threat Subtype

The values of ***threat type*** variable and ***threat subtype*** variable in threat log are as follows, which are divided into six categories:

Threat Type	Threat Subtype
Scan	Port Scan Vulnerability Scan Web Application Scan IP Scan
Attack	Vulnerability Exploit Attack Web Attack Password Attack Spoofing Hijacking Protocol Exception Other Suspicious Behavior Suspicious DNS Activities Suspicious File Operation Suspicious Protocol Error Evasion Access Control Buffer Overflow Mail Risk IP
Dos	Zip of Death SSL Flood DDoS Flood DDoS Sockstress DDoS Reflect Application DoS DNS Query Flood
Phishing	Phishing
SPAM	SPAM
Malware	Trojan Worm Virus Adware Riskware Hackjing Tool

	Grayware Spyware

Defender

The value of ***defender*** variable in threat log includes IPS, AD, AV, PTF, ABD, ATD, SANDBOX, ANTISPAM and Botnet C&C Prevention.

Defender	**Description**
IPS	Intrusion Prevention System
AD	Attack Defenser
AV	Anti-virus
PTF	Perimeter Traffic Filtering
ABD	Abnormal Behavior Detection
ATD	Advanced Threat Detection
SANDBOX	Sandbox
ANTISPAM	Anti-spam
Botnet C&C Prevention	Botnet C&C Prevention