ipsec events

ONTAP EMS reference

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ipsec events

ipsec.ib events

ipsec.ib.bad.encrypt

Severity

ALERT

Description

This message occurs when an inbound IPsec packet cannot be successfully decrypted. Corrupt data is received.

Corrective Action

The IPsec SA database could be out of sync to cause this decryption failure. Use the "security ipsec policy modify -is-enabled" command to disable and then reenable the affected policy matching the source and destination IP address.

Syslog Message

IPsec: %s packet cannot be successfully decrypted.

Parameters

sa2str (STRING): IPsec Security Association (SA) in string format SA (Security Parameter Index, source IP address, destination IP address).

ipsec.ib.no.lookup

Severity

ALERT

Description

This message occurs when an inbound IPsec packet cannot able to locate the IPsec Security Association (SA) from the SA database. The remote side is using an SA which does not exist in the local SA database.

Corrective Action

The IPsec SA database is out of sync. Use the "security ipsec policy modify -is-enabled" command to disable and then reenable the affected policy matching the source and destination IP address.

Syslog Message

IPsec: SA not found. SPI: %s Src IP: %s Dst IP: %s.

Parameters

spi (STRING): IPsec SA Security Parameter Index (SPI).
srcAddr (STRING): Source IP address.
dstAddr (STRING): Destination IP address.

ipsec.ib.no.replay

Severity

NOTICE

Description

This message occurs when an inbound IPsec Security Association (SA) encounters a replay check failure. Number of out-of-order and retransmitted IPsec packet received. Possible causes include a denial-of-service (DoS) attack or traffic congestion.

Corrective Action

Possible traffic congestion or DoS attack.

Syslog Message

IPsec: %s replay packets detected. Possible DoS attack or traffic congestion.

Parameters

sa2str (STRING): IPsec SA in string format SA (Security Parameter Index, source IP address, destination IP address).

ipsec.ib.policy.violation

Severity

ALERT

Description

This message occurs when an inbound IPsec packet is found to violate the security policy. It is either not IPsec protected or it is protected in a different way than the policy specifies.

Corrective Action

check the IPsec policy configuration on both ends to make sure that they match each other.

Syslog Message

IPsec: Inbound %s packet %s =⇒ %s security policy violation.

Parameters

protocol (STRING): Packet protocol.
srcAddr (STRING): Source IP address.
dstAddr (STRING): Destination IP address.

ipsec.ob events

ipsec.ob.no.acquire

Severity

NOTICE

Description

This message occurs when the kernel cannot acquire an IPsec Security Association (SA) to protect an outbound packet.

Corrective Action

Double check the IPsec policy configuration on both ends to make sure that they match each other.

Syslog Message

IPsec: Could not acquire SA for packet %s =⇒ %s.

Parameters

srcAddr (STRING): Source IP address.
dstAddr (STRING): Destination IP address.

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