certificate events

ONTAP 9.13.1 EMS reference

NetApp
February 12, 2024

This PDF was generated from https://docs.netapp.com/us-en/ontap-ems-9131/certificate-insecure-events.html on February 12, 2024. Always check docs.netapp.com for the latest.

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certificate events

certificate.insecure events

certificate.insecure.hash

Severity

ERROR

Description

This message occurs when an installed certificate uses a hash function that is no longer considered secure. Client-server communication using this certificate should be presumed insecure, and could be disrupted.

Corrective Action

Delete the insecure certificate by using the "security certificate delete" command. Install an appropriate replacement by using the "security certificate install" command or "security certificate create" command.

Syslog Message

A digital certificate with UUID %s in Vserver %s with name %s is using the insecure hash function %s.

Parameters

uuid (STRING): UUID of the offending certificate.
vserver (STRING): Name of the Vserver in which the offending certificate is installed.
cert_name (STRING): Name (unique within a Vserver) of the offending certificate.
hash_function (STRING): Hash function used by the offending certificate.

certificate.insecure.key

Severity

ERROR

Description

This message occurs when an installed certificate uses a key length that is no longer considered secure for the corresponding key algorithm. Client-server communication using this certificate should be presumed insecure, and could be disrupted.

Corrective Action

Delete the insecure certificate by using the "security certificate delete" command. Install an appropriate replacement by using the "security certificate install" command or "security certificate create" command.

Syslog Message

A digital certificate with UUID %s in Vserver %s with name %s has an insecure key of type %s and length %d.

Parameters

uuid (STRING): UUID of the offending certificate.
vserver (STRING): Name of the Vserver in which the offending certificate is installed.
cert_name (STRING): Name (unique within a Vserver) of the offending certificate.
key_algorithm (STRING): Algorithm (e.g., RSA) of the key for the corresponding certificate.
key_length (INT): Length of the key in bits for the corresponding certificate.

certificate.invalid events

certificate.invalid.chain

Severity

ERROR

Description

This message occurs when an installed certificate record contains multiple X.509 certificates. Such records are not treated consistently by the system, but were unintentionally permitted in prior releases.

Corrective Action

Delete the problematic record by using the "security certificate delete" command. Install the constituent certificates separately by using the "security certificate install" command once for each certificate.

Syslog Message

The certificate record with UUID %s, named "%s" in Vserver "%s", contains multiple certificates.

Parameters

uuid (STRING): UUID of the offending record.
cert_name (STRING): Name (unique within a Vserver) of the offending record.
vserver (STRING): Name of the Vserver in which the offending record is installed.

certificate.node events

certificate.node.vserver

Severity

ERROR

Description

This message occurs when an installed certificate record exists in a node Vserver. Such records are not treated consistently by the system, but were unintentionally permitted in prior releases.

Corrective Action

Delete the problematic record by using the "security certificate delete" command.

Syslog Message

The certificate record with UUID %s, named "%s" is installed in the node Vserver "%s".

Parameters

uuid (STRING): UUID of the offending record.
cert_name (STRING): Name (unique within a Vserver) of the offending record.
vserver (STRING): Name of the node Vserver in which the offending record is installed.

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