



## **certificate events**

### **ONTAP 9.14.1 EMS reference**

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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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