



## **telnet events**

### ONTAP EMS reference

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# telnet events

## telnet.enabled events

### telnet.enabled

**Severity**

NOTICE

**Description**

This message occurs when telnet is enabled in the cluster using the (privilege: advanced) "security protocol" command.

**Corrective Action**

(None).

**Syslog Message**

Insecure protocol service telnet has been enabled in the cluster.

**Parameters**

(None).

## telnet.firewall events

### telnet.firewall.remove

**Severity**

NOTICE

**Description**

This message occurs when telnet is automatically removed from firewall policies during a revert operation from Data ONTAP® 9.0 to 8.3. Telnet is removed because it is an insecure protocol and it is by default disabled in Data ONTAP 9.0. In Data ONTAP 8.3, the presence of telnet in firewall policies after a revert operation enables telnet. To prevent this, the telnet firewall policy is removed during the operation.

**Corrective Action**

Use the "system services firewall policy create" command to reenable telnet.

**Syslog Message**

Telnet removed from firewall policy because of Data ONTAP revert operations. Telnet is now disabled.

**Parameters**

(None).

## telnet.setsockopt events

### telnet.setsockopt.failure

**Severity**

ERROR

**Description**

This message occurs when setsockopt on telnet socket fails

**Corrective Action**

Use the error code contained in this message to determine the problem.

**Syslog Message**

Telnet setsockopt error: option %s, option value %s, error code %d (%s).

**Parameters**

**socketlevel** (STRING): This is the socket option level parameter

**socketoption** (STRING): This is the socket option value parameter

**errorcode** (INT): This is the error code returned from setsockopt

**reason** (STRING): Reason why setsockopt failed on telnet socket.

## telnet.socket events

### telnet.socket.failure

**Severity**

ERROR

**Description**

This message occurs when telnet could not create a socket.

**Corrective Action**

Change the option 'telnet.port', to try to create another socket.

**Syslog Message**

Telnet socket error: %s.

**Parameters**

**reason** (STRING): Reason why telnet could not create a socket.

### telnet.socket.timeout

**Severity**

ERROR

**Description**

This message occurs when a telnet daemon socket was not able to send data to the telnet or ssh client after multiple attempts. This message can also occur when the client window size is set to zero by the telnet or ssh client.

**Corrective Action**

Check the window size of the telnet/ssh client by typing "netstat" on the storage system. If it is zero, close the client and restart that session. Otherwise check for any network problem between telnet/ssh client and storage system and correct it.

## Syslog Message

Telnet daemon socket timed out for the %s connection.

## Parameters

**conntype** (STRING): The type of connection that timed out. The connection type can be an interactive SSH connection or a telnet connection.

# telnet.threadcreate events

## telnet.threadCreate.failure

### Severity

ERROR

### Description

This message occurs when creation of telnet daemon threads or telnet session threads fails because required virtual memory is unavailable. This happens when the system is overloaded.

### Corrective Action

Reduce the number of applications running on the storage system, then retry the operation.

### Syslog Message

Creation of %s thread failed.

### Parameters

**threadName** (STRING): Name of the thread that cannot be created.

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