



rsh events

ONTAP EMS reference

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rsh events

rsh.enabled events

rsh.enabled

Severity

NOTICE

Description

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

Corrective Action

(None).

Syslog Message

Insecure protocol service rsh has been enabled in the cluster.

Parameters

(None).

rsh.firewall events

rsh.firewall.policy.remove

Severity

NOTICE

Description

This message occurs when rsh is automatically removed from firewall policies during a revert operation from Data ONTAP® 9.0 to 8.3. Rsh 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 rsh in firewall policies after a revert operation enables rsh. To prevent this, the rsh firewall policy is removed during the operation.

Corrective Action

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

Syslog Message

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

Parameters

(None).

rsh.rcmd events

rsh.rcmd.port.bind

Severity

ERROR

Description

This message occurs when there is an error in binding a reserved port.

Corrective Action

(None).

Syslog Message

rcmd.c: Bind error %d on reserved port %d.

Parameters

errNum (INT): Error number.

port (INT): Port number.

rsh.rcmd.port.used

Severity

ERROR

Description

This message occurs when there is no port available for binding to a socket, because all the reserved ports are in use.

Corrective Action

(None).

Syslog Message

rcmd.c: All reserved ports have been used.

Parameters

(None).

rsh.setsockopt events

rsh.setsockopt.failure

Severity

ERROR

Description

This message occurs when the setsockopt option on the RemoteShell(RSH) socket fails; RSH is not available.

Corrective Action

Use the error message to determine the problem.

Syslog Message

RSH setsockopt error: option level '%s', option value '%s', error code '%d', error message '%s'.

Parameters

socketlevel (STRING): Socket option level parameter.
socketoption (STRING): Socket option value parameter.
errorcode (INT): Error code returned from setsockopt.
reason (STRING): Error message for the failure.

rsh.socket events

rsh.socket.failure

Severity

ERROR

Description

The rshd daemon could not create a socket.

Corrective Action

Disable and enable rshd daemon using options rsh.enable.

Syslog Message

RSH socket error: %s.

Parameters

reason (STRING): The reason why the rshd daemon could not create a socket.

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