

DEV - specifies the devlink device.

DEV/PORT_INDEX - specifies the devlink port.

REPORTER - specifies the reporter's name registered on specified devlink device or port.

devlink health diagnose - Retrieve diagnostics data on a reporter.

DEV - specifies the devlink device.

DEV/PORT_INDEX - specifies the devlink port.

REPORTER - specifies the reporter's name registered on specified devlink device or port.

devlink health test - Trigger a test event on a reporter.

DEV - specifies the devlink device.

REPORTER - specifies the reporter's name registered on the devlink device.

devlink health dump show - Display the last saved dump.

devlink health saves a single dump per reporter. If an dump is not already stored by the Devlink, this command will generate a new dump. The dump can be generated either automatically when a reporter reports on an error or manually at the user's request.

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REPORTER - specifies the reporter's name registered on specified devlink device or port.

devlink health dump clear - Delete the saved dump.

Deleting the saved dump enables a generation of a new dump on the next "devlink health dump show" command.

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DEV/PORT_INDEX - specifies the devlink port.

REPORTER - specifies the reporter's name registered on specified devlink device or port.

devlink health set - Configure health reporter.

Please note that some params are not supported on a reporter which doesn't support a recovery or dump method.

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grace_period MSEC

Time interval between consecutive auto recoveries.

auto_recover { true | false }

Indicates whether the devlink should execute automatic recover on error.

`auto_dump { true | false }`

Indicates whether the devlink should execute automatic dump on error.

EXAMPLES

`devlink health show`

List status and configuration of available reporters on devices and ports.

`devlink health show pci/0000:00:09.0/1 reporter tx`

List status and configuration of tx reporter registered on port on pci/0000:00:09.0/1

`devlink health recover pci/0000:00:09.0 reporter fw_fatal`

Initiate recovery on fw_fatal reporter registered on device on pci/0000:00:09.0.

`devlink health recover pci/0000:00:09.0/1 reporter tx`

Initiate recovery on tx reporter registered on port on pci/0000:00:09.0/1.

`devlink health diagnose pci/0000:00:09.0 reporter fw`

List diagnostics data on the specified device and reporter.

`devlink health dump show pci/0000:00:09.0/1 reporter tx`

Display the last saved dump on the specified port and reporter.

`devlink health dump clear pci/0000:00:09.0/1 reporter tx`

Delete saved dump on the specified port and reporter.

`devlink health set pci/0000:00:09.0 reporter fw_fatal grace_period 3500`

Set time interval between auto recoveries to minimum of 3500 msec on the specified de?

vice and reporter.

`devlink health set pci/0000:00:09.0/1 reporter tx grace_period 3500`

Set time interval between auto recoveries to minimum of 3500 msec on the specified

port and reporter.

`devlink health set pci/0000:00:09.0 reporter fw_fatal auto_recover false`

Turn off auto recovery on the specified device and reporter.

SEE ALSO

`devlink(8)`, `devlink-dev(8)`, `devlink-port(8)`, `devlink-param(8)`, `devlink-region(8)`,

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