

**NAME**

devlink-health – devlink health reporting and recovery

**SYNOPSIS**

**devlink** [ *OPTIONS* ] **health** { *COMMAND* | **help** }

*OPTIONS* := { **-V**[*ersion*] }

**devlink health show** [ *DEV reporter REPORTER* ]

**devlink health recover** *DEV reporter REPORTER*

**devlink health diagnose** *DEV reporter REPORTER*

**devlink health dump show** *DEV reporter REPORTER*

**devlink health dump clear** *DEV reporter REPORTER*

**devlink health set** *DEV reporter REPORTER* { **grace\_period** | **auto\_recover** } { *msec* | *boolean* }

**devlink health help**

**DESCRIPTION**

**devlink health show - Show status and configuration on all supported reporters on all devlink devices.**

*DEV* - specifies the devlink device.

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

**devlink health recover - Initiate a recovery operation on a reporter.**

This action performs a recovery and increases the recoveries counter on success.

*DEV* - specifies the devlink device.

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

**devlink health diagnose - Retrieve diagnostics data 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.

*DEV* - specifies the devlink device.

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

**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.

*DEV* - specifies the devlink device.

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

**devlink health set - Enable the user to configure:**

- 1) *grace\_period* [msec] - Time interval between consecutive auto recoveries.
  - 2) *auto\_recover* [true/false] - Indicates whether the devlink should execute automatic recover on error.
- Please note that this command is not supported on a reporter which doesn't support a recovery method.

*DEV* - specifies the devlink device.

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

**EXAMPLES**

devlink health show

List status and configuration of available reporters on devices.

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

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

devlink health diagnose pci/0000:00:09.0 reporter tx

List diagnostics data on the specified device and reporter.

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

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

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

Delete saved dump on the specified device and reporter.

devlink health set pci/0000:00:09.0 reporter tx *grace\_period* 3500

Set time interval between auto recoveries to minimum of 3500 msec on the specified device and reporter.

devlink health set pci/0000:00:09.0 reporter tx *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),**

**AUTHOR**

Aya Levin <ayal@mellanox.com>