



Rocky Enterprise Linux 9.2 Manual Pages on command 'devlink-health.8'

C:\>man devlink-health.8

DEVLINK-HEALTH(8) Linux DEVLINK-HEALTH(8)

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\(8\)](#),

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