

NAME

devlink-region – devlink address region access

SYNOPSIS

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

OPTIONS := { -V[ersion] | -n[no-nice-names] }

devlink region show [*DEV/REGION*]

devlink region new *DEV/REGION* [snapshot *SNAPSHOT_ID*]

devlink region del *DEV/REGION* snapshot *SNAPSHOT_ID*

devlink region dump *DEV/REGION* snapshot *SNAPSHOT_ID*

devlink region read *DEV/REGION* [snapshot *SNAPSHOT_ID*] address *ADDRESS* length *LENGTH*

devlink region help

DESCRIPTION

devlink region show - Show all supported address regions names, snapshots and sizes

DEV/REGION - specifies the devlink device and address-region to query.

devlink region new - Create a snapshot specified by address-region name and snapshot ID

DEV/REGION - specifies the devlink device and address-region to snapshot

snapshot *SNAPSHOT_ID* - optionally specifies the snapshot ID to assign. If not specified, devlink will assign a unique ID to the snapshot.

devlink region del - Delete a snapshot specified by address-region name and snapshot ID

DEV/REGION - specifies the devlink device and address-region to delete the snapshot from

snapshot *SNAPSHOT_ID* - specifies the snapshot ID to delete

devlink region dump - Dump all the available data from a region or from snapshot of a region

DEV/REGION - specifies the device and address-region to dump from.

snapshot *SNAPSHOT_ID* - specifies the snapshot-id of the region to dump.

devlink region read - Read from a specific region address for a given length

DEV/REGION - specifies the device and address-region to read from.

snapshot *SNAPSHOT_ID* - specifies the snapshot-id of the region to read.

address *ADDRESS* - specifies the address to read from.

length *LENGTH* - specifies the length of data to read.

EXAMPLES

devlink region show

List available address regions and snapshot.

devlink region new pci/0000:00:05.0/cr-space

Create a new snapshot from cr-space address region from device pci/0000:00:05.0.

devlink region del pci/0000:00:05.0/cr-space snapshot 1

Delete snapshot id 1 from cr-space address region from device pci/0000:00:05.0.

devlink region dump pci/0000:00:05.0/cr-space snapshot 1

Dump the snapshot taken from cr-space address region with ID 1

devlink region read pci/0000:00:05.0/cr-space snapshot 1 address 0x10 length 16

Read from address 0x10, 16 Bytes of snapshot ID 1 taken from cr-space address region

SEE ALSO

devlink(8), **devlink-dev(8)**, **devlink-port(8)**, **devlink-monitor(8)**,

AUTHOR

Alex Vesker <valex@mellanox.com>