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Rocky Enterprise Linux 9.2 Manual Pages on command 'nvme-device-self-test.1'

\$ man nvme-device-self-test.1

NVME-DEVICE-SELF-(1) NVMe Manual NVME-DEVICE-SELF-(1)

NAME

nvme-device-self-test - Perform the necessary tests to observe the performance and the parameters

SYNOPSIS

```
nvme device-self-test <device> [--namespace-id=<NUM> | -n <NUM>]
                        [--self-test-code=<NUM> | -s <NUM>]
```

DESCRIPTION

Initiates the required test based on the user input.

The <device> parameter is mandatory and may be either the NVMe character device (ex: /dev/nvme0), or a namespace block device (ex: /dev/nvme0n1).

On success, the corresponding test is initiated.

OPTIONS

-n <NUM>, --namespace-id=<NUM>

Indicate the namespace in which the device self-test has to be carried out

-s <NUM>, --self-test-code=<NUM>

This field specifies the action taken by the device self-test
command : 1h: Start a short device self-test operation 2h: Start a
extended device self-test operation eh: Start a vendor specific
device self-test operation fh: abort the device self-test operation

EXAMPLES

? Start a short device self-test in the namespace-id 1:

```
# nvme device-self-test /dev/nvme0 -n 1 -s 1
```

? Abort the device self-test operation in the namespace-id 1:

```
# nvme device-self-test /dev/nvme0 -n 1 -s 0xf
```

NVME

Part of the nvme-user suite

NVMe 06/23/2023 NVME-DEVICE-SELF-(1)