Red Hat Enterprise Linux Release 9.2 Manual Pages on 'nvme-device-self-test.1' command

$ 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

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