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Red Hat Enterprise Linux Release 9.2 Manual Pages on 'nvme-wdc-cap-diag.1' command

\$ man nvme-wdc-cap-diag.1

NVME-WDC-CAP-DIAG(1) NVMe Manual NVME-WDC-CAP-DIAG(1)

NAME

nvme-wdc-cap-diag - Retrieve WDC device's diagnostic log and save to file.

SYNOPSIS

nvme wdc cap-diag <device> [--output-file=<FILE>, -o <FILE>] [--transfer-size=<SIZE>, -s <SIZE>]

DESCRIPTION

For the NVMe device given, sends the WDC Vendor Unique Capture-Diagnostics request and saves the result to a file.

The <device> parameter is mandatory NVMe character device (ex: /dev/nvme0).

This will only work on WDC devices supporting this feature. Results for any other device are undefined.

OPTIONS

-o <FILE>, --output-file=<FILE>

Output file; defaults to device serial number followed by "cap_diag" suffix

-s <SIZE>, --transfer-size=<SIZE>

Transfer size; defaults to 0x10000 (65536 decimal) bytes

EXAMPLES

? Gets the capture diagnostics log from the device and saves to default file in current directory (e.g. STM00019F3F9cap_diag.bin):

```
# nvme wdc cap-diag /dev/nvme0
```

? Gets the capture diagnostics log from the device and saves to defined file in current directory (e.g.

testSTM00019F3F9cap_diag.bin):

```
# nvme wdc cap-diag /dev/nvme0 -o test
```

? Gets the capture diagnostics log from the device and saves to defined file with pathname (e.g.

/tmp/testSTM00019F3F9cap_diag.bin):

```
# nvme wdc cap-diag /dev/nvme0 -o /tmp/test
```

? Gets the capture diagnostics log from the device transferring the data in 64k chunks and saves to default file in current directory

(e.g. STM00019F3F9internal_fw_log.bin):

```
# nvme wdc cap-diag /dev/nvme0 -s 0x10000
```

? Gets the capture diagnostics log from the device transferring the data in 16k chunks and saves to default file in current directory

(e.g. STM00019F3F9internal_fw_log.bin):

```
# nvme wdc cap-diag /dev/nvme0 -s 16384
```

NVME

Part of the nvme-user suite.

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