



Rocky Enterprise Linux 9.2 Manual Pages on command 'nvme-wdc-vs-smart-add-log.1'

\$ man nvme-wdc-vs-smart-add-log.1

NVME-WDC-VS-SMART(1) NVMe Manual NVME-WDC-VS-SMART(1)

NAME

nvme-wdc-vs-smart-add-log - Send NVMe WDC vs-smart-add-log Vendor

Unique Command, return result

SYNOPSIS

nvme wdc vs-smart-add-log <device> [--interval=<NUM>, -i <NUM>]

 [--output-format=<normal|json> -o <normal|json>]

 [--log-page-version=<NUM>, -l <NUM>]

 [--log-page-mask=<LIST>, -p <LIST>]

 [--namespace-id=<nsid> | -n <nsid>]

DESCRIPTION

For the NVMe device given, send a Vendor Unique WDC vs-smart-add-log command and provide the additional smart log.

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

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

On success it returns 0, error code otherwise.

OPTIONS

-i <NUM>, --interval=<NUM>

Return the statistics from specific interval, defaults to 14. This parameter is only valid for the 0xC1 log page and ignored for all other log pages.

-o <format>, --output-format=<format>

Set the reporting format to normal, or json. Only one output format can be used at a time. Default is normal.

-l <NUM>, --log-page-version=<NUM>

Log Page Version: 0 = vendor, 1 = WDC. This parameter is only valid for the 0xC0 log page and ignored for all other log pages.

-p <LIST>, --log-page-mask=<LIST>

Supply a comma separated list of desired log pages to display. The possible values are 0xc0, 0xc1, 0xca, 0xd0. Note: Not all pages are supported on all drives. The default is to display all supported log pages.

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

Sets the command's nsid value to the given nsid. Defaults to 0xffffffff if not given. This option may not affect anything depending on the log page, which may or may not be specific to a namespace.

Valid Interval values and description :-

??

?Value ? Description ?

??

? ? ?

?1 ? Most recent five (5) ?

? ? minute accumulated set. ?

??

? ? ?

?2-12 ? Previous five (5) minute ?

? ? accumulated sets. ?

??

? ? ?

?13 ? The accumulated total of ?

? ? sets 1 through 12 that ?

? ? contain the previous hour ?

? ? of accumulated statistics. ?

????????????????????????????????????

? ? ?

?14 ? The statistical set ?

? ? accumulated since ?

? ? power-up. ?

????????????????????????????????????

? ? ?

?15 ? The statistical set ?

? ? accumulated during the ?

? ? entire lifetime of the ?

? ? device. ?

????????????????????????????????????

EXAMPLES

- ? Has the program issue WDC vs-smart-add-log Vendor Unique Command with default interval (14) :

```
# nvme wdc vs-smart-add-log /dev/nvme0
```
- ? Has the program issue WDC vs-smart-add-log Vendor Unique Command for just the 0xCA log page :

```
# nvme wdc vs-smart-add-log /dev/nvme0 -p 0xCA
```
- ? Has the program issue WDC vs-smart-add-log Vendor Unique Command for 0xC0 and 0xCA log pages :

```
# nvme wdc vs-smart-add-log /dev/nvme0 -p 0xCA,0xC0
```

NVME

Part of the nvme-user suite.