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Red Hat Enterprise Linux Release 9.2 Manual Pages on 'nvme-sanitize-log.1' command

\$ man nvme-sanitize-log.1

NVME-SANITIZE-LOG(1) NVMe Manual NVME-SANITIZE-LOG(1)

NAME

nvme-sanitize-log - Send NVMe sanitize-log Command, return result

SYNOPSIS

nvme sanitize-log <device> [--rae | -r] [--output-format=<fmt> | -o <fmt>]
[--human-readable | -H]
[--raw-binary | -b]

DESCRIPTION

Retrieves the NVMe Sanitize log page from an NVMe device and provides the status of sanitize command.

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

Expected status and description :-

??

?Status Code ? Description ?

??

? ? ?

?0x0000 ? NVM subsystem has never ?

? ? been sanitized. ?

??

? ? ?

?0x0001 ? The most recent sanitize ?

? ? operation completed ?

? ? successfully. ?
??
? ? ?
?0x0002 ? A sanitize operation is ?
? ? currently in progress. ?
??
? ? ?
?0x0003 ? The most recent sanitize ?
? ? operation failed. ?
??
? ? ?
?0x0100 ? Global Data Erased bit If ?
? ? set to 1 then non-volatile ?
? ? storage in the NVM ?
? ? subsystem has not been ?
? ? written to: a) since being ?
? ? manufactured and the NVM ?
? ? subsystem has never been ?
? ? sanitized; or b) since the ?
? ? most recent successful ?
? ? sanitize operation. If ?
? ? cleared to 0, then ?
? ? non-volatile storage in ?
? ? the NVM subsystem has been ?
? ? written to: a) since being ?
? ? manufactured and the NVM ?
? ? subsystem has never been ?
? ? sanitized; or b) since the ?
? ? most recent successful ?
? ? sanitize operation of the ?
? ? NVM subsystem. ?
??

On success it returns 0, error code otherwise.

OPTIONS

-r, --rae

Retain an Asynchronous Event.

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

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

-H, --human-readable

This option will parse and format many of the bit fields into human-readable formats.

-b, --raw-binary

Print the raw buffer to stdout. Structure is not parsed by program.

This overrides the vendor specific and human readable options.

EXAMPLES

? Has the program issue Sanitize-log Command :

```
# nvme sanitize-log /dev/nvme0
```

NVME

Part of the nvme-user suite.

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