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

$ man nvme-smart-log.1

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

NAME

nvme-smart-log - Send NVMe SMART log page request, returns result and log

SYNOPSIS

nvme smart-log <device> [--namespace-id=<nsid> | -n <nsid>]
[--raw-binary | -b]
[--output-format=<fmt> | -o <fmt>]

DESCRIPTION

Retrieves the NVMe SMART log page from an NVMe device and provides the returned structure.

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 returned smart log structure may be returned in one of several ways depending on the option flags; the structure may parsed by the program and printed in a readable format or the raw buffer may be printed to stdout for another program to parse.

OPTIONS

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

Retrieve the SMART log for the given nsid. This is optional and its success may depend on the device?s capabilities to provide this log on a per-namespace basis (see the NVMe Identify Controller for this

capability). The default nsid to use is 0xffffffff for the device global SMART log.

-b, --raw-binary

Print the raw SMART log buffer to stdout.

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

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

EXAMPLES

? Print the SMART log page in a human readable format:

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

? Print the raw SMART log to a file:

```
# nvme smart-log /dev/nvme0 --raw-binary > smart_log.raw
```

It is probably a bad idea to not redirect stdout when using this mode.

NVME

Part of the nvme-user suite