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

\$ man nvme-predictable-lat-log.1

NVME-PREDICTABLE-L(1) NVMe Manual NVME-PREDICTABLE-L(1)

NAME

nvme-predictable-lat-log - Send Predictable latency per NVM set log page request, returns result and log

SYNOPSIS

```
nvme predictable-lat-log <device> [--nvmsset-id=<nvmsset_id> | -i <nvmsset_id>]
                               [--raw-binary | -b]
                               [--output-format=<fmt> | -o <fmt>]
```

DESCRIPTION

Retrieves the NVMe Predictable latency per NVM set 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 Predictable latency per NVM set log structure may be returned in one of several ways depending on the option flags; the structure may be 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

-i <nvmsset_id>, --nvmsset-id=<nvmsset_id>

Retrieve the Predictable latency per NVM set log for the given nvmsset id. This argument is mandatory and its success may depend on

the device's statistics to provide this log For More details see
NVM Express 1.4 Spec. Section 5.14.1.10. The default nvmset id to
use is 1 for the device.

`-b, --raw-binary`

Print the raw Predictable latency per NVM set 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 Predictable latency per NVM set log page in a human
readable format:

```
# nvme predictable-lat-log /dev/nvme0
```

? Print the raw Predictable latency per NVM set log to a file:

```
# nvme predictable-lat-log /dev/nvme0 --raw-binary > nvmset_log.raw
```

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

NVME

Part of the nvme-user suite

NVMe 06/23/2023 NVME-PREDICTABLE-L(1)