



Rocky Enterprise Linux 9.2 Manual Pages on command 'nvme-predictable-lat-log.1'

\$ 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> [--nvmset-id=<nvmset_id> | -i <nvmset_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 <nvmset_id>, --nvmset-id=<nvmset_id>`

Retrieve the Predictable latency per NVM set log for the given nvmset 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

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