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

$ man nvme-error-log.1

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

NAME

nvme-error-log - Send NVME Error log page request, return result and log

SYNOPSIS

nvme error-log <device> [--log-entries=<entries> | -e <entries>]
[--raw-binary | -b]
[--output-format=<fmt> | -o <fmt>]

DESCRIPTION

Retrieves NVMe Error 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 error 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

-e <entries>, --log-entries=<entries>

Specifies how many log entries the program should request from the device. This must be at least one, and shouldn?t exceed the device?s capabilities. Defaults to 64 log entries.

-b, --raw-binary

Print the raw error 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

? Get the error log and print it in a human readable format:

nvme error-log /dev/nvme0

? Print the raw output to a file:

nvme error-log /dev/nvme0 --raw-binary > error_log.raw

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

NVME

Part of the nvme-user suite