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

$ man nvme-persistent-event-log.1

PERSISTENT-EVENT-L(1)   NVMe Manual   PERSISTENT-EVENT-L(1)

NAME

    nvme-persistent-event-log - Send NVMe persistent event log page

    request, returns result and log

SYNOPSIS

    nvme persistent-event-log <device> [--action=<action> | -a <action>]

            [--log-len=<log-len> | -l <log-len>]

            [--raw-binary | -b]

            [--output-format=<fmt> | -o <fmt>]

DESCRIPTION

    Retrieves the NVMe persistent event 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 persistent event 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

    -a <action>, --action=<action>

        While try to retrieve this log action the controller shall take

        during processing this persistent log page command. This mandatory

field, based on the value issued it may Read Log Data, Establish

Context and Read Log Data or Release Context can occur. For More

details see NVM Express 1.4 Spec. Section 5.14.1.13 Persistent

Event Log (Log Identifier 0Dh)

-l <log-len>, --log-len=<log-len>

Allocates a buffer of <log-len> bytes size and requests this many

bytes be returned in the constructed NVMe command. This param is

mandatory. If <log-len> given is 0 and action is 0, it will read

the Total Log Length(TLL) of the page.

-b, --raw-binary

Print the raw persistent event 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 persistent event log page in a human readable format:

nvme persistent-event-log /dev/nvme0

? Print the raw persistent event log to a file:

nvme persistent-event-log /dev/nvme0 --raw-binary > persistent_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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