Full credit is given to the above companies including the OS that this PDF file was generated!

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

$ man nvme-copy.1

NVME-COPY(1) NVMe Manual NVME-COPY(1)

NAME

nvme-copy - Send an NVMe Simple Copy command, provide results

SYNOPSIS

nvme-copy <device> [--sdlba=<sdlba> | -d <sdlba>]

[--blocks=<nlb-list,> | -b <nlb-list,>]

[--slbs=<slbas,> | -s <slbas,>]

[--limited-retry | -l]

[--force-unit-access | -f]

[--prinfow=<prinfow> | -p <prinfow>]

[--prinfor=<prinfor> | -P <prinfor>]

[--ref-tag=<reftag> | -r <reftag>]

[--expected-ref-tags=<reftag,> | -R <reftag,>]

[--app-tag=<apptag> | -a <apptag>]

[--expected-app-tags=<apptag,> | -A <apptag,>]

[--app-mask=<appmask> | -m <appmask>]

[--expected-app-masks=<appmask,> | -M <appmask,>]

[--dir-type=<type> | -T <type>]

[--dir-spec=<spec> | -S <spec>]

[--format=<entry-format> | -F <entry-format>]

DESCRIPTION

The Copy command is used by the host to copy data from one or more

source logical block ranges to a single consecutive destination logical

block range.

OPTIONS

--sdlba=<sdlba>, -d <sdlba>

64-bit addr of first destination logical block

--blocks=<nlb-list,>, -b <nlb-list,>

Comma separated list of the number of blocks in each range

--slbs=<slbas,>, -s <slbas,>

Comma separated list of the starting blocks in each range

--limited-retry, -l

Sets the limited retry flag.

--force-unit-access, -f

Set the force-unit access flag.

--prinfow=<prinfow>, -p <prinfow>

Protection Information field write definition.

--prinfor=<prinfor>, -P <prinfor>

Protection Information field read definition.

--ref-tag=<reftag>, -r <reftag>

initial lba reference tag.

--expected-ref-tags=<reftag,>, -R <reftag,>

expected lba reference tags (comma-separated list).

--app-tag=<apptag>, -a <apptag>

lba app tag

--expected-app-tags=<apptag,>, -A <apptag,>

expected lba app tags (comma-separated list)

--app-mask=<appmask>, -m <appmask>

lba tag mask

--expected-app-masks=<appmask,>, -M <appmask,>

expected lba tag masks (comma-separated list)

--dir-type=<type>, -T <type>

Optional directive type. The nvme-cli only enforces the value be in the defined range for the directive type, though the NVMe specification (1.3a) defines only one directive, 01h, for write stream identifiers.

--dir-spec=<spec>, -S <spec>

Optional field for directive specifics. When used with write streams, this value is defined to be the write stream identifier. The nvme-cli will not validate the stream requested is within the controller?s capabilities.

--format=<entry-format>, -F <entry-format>

source range entry format

EXAMPLES

No examples yet.

NVME

Part of the nvme-user suite