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Rocky Enterprise Linux 9.2 Manual Pages on command 'nvme-copy.1'

\$ man nvme-copy.1

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

NAME

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

SYNOPSIS

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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=<n1b-list,>, -b <n1b-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

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