



Red Hat Enterprise Linux Release 9.2 Manual Pages on 'nvme-primary-ctrl-caps.1' command

\$ man nvme-primary-ctrl-caps.1

NVME-PRIMARY-CTRL() NVME-PRIMARY-CTRL()

NAME

nvme-primary-ctrl-caps - Send identify Primary Controller Caps, return result and structure

SYNOPSIS

nvme primary-ctrl-caps <device> [-o <format> | --output-format=<format>]

DESCRIPTION

For the NVMe device given, sends an identify primary Controller caps command and provides the result and 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 structure may be returned in one of several ways depending on the option flags; the structure may be parsed by the program or the raw buffer may be printed to stdout.

OPTIONS

-o <format>, --output-format=<format>

Set the reporting format to normal, json, or binary. Only one output format can be used at a time.

-H, --human-readable

This option will parse and format many of the bit fields into human-readable formats.

EXAMPLES

? Get Primary Ctrl Caps of the device in default format

```
# nvme primary-ctrl-caps /dev/nvme0
```

? Has the program interpret the returned buffer and display the known fields in a human readable format:

```
# nvme primary-ctrl-caps /dev/nvme0 --human-readable
```

```
# nvme primary-ctrl-caps /dev/nvme0 -H
```

NVME

Part of the nvme-user suite

NVME-PRIMARY-CTRL()