



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

\$ man nvme-get-property.1

NVME-GET-PROPERTY(1) NVMe Manual NVME-GET-PROPERTY(1)

NAME

nvme-get-property - Reads and shows the defined NVMe controller
property for NVMe over Fabric

SYNOPSIS

```
nvme get-property <device> [--offset=<offset> | -o <offset>]  
                        [--human-readable | -H ]
```

DESCRIPTION

Reads and shows the defined NVMe controller property for NVMe over
Fabric.

OPTIONS

-o, --offset
The offset of the property. One of CAP=0x0, VS=0x8, CC=0x14,
CSTS=0x1c, NSSR=0x20

-H
--human-readable: Show the fields packed in the property

EXAMPLES

? The following will run the get-property command with offset 0

nvme get-property /dev/nvme0 --offset=0x0 --human-readable

BUGS

Currently the CAP value is truncated to 32 bits due to a limitation in
the ioctl interface.

In a recent enough kernel, the 64 bit value is shown in kernel traces.

? First enable traces by this command

```
# echo 1 > /sys/kernel/debug/tracing/events/nvme/enable
```

? Then look for NVMe Fabrics command (0x7f) at trace

```
/sys/kernel/debug/tracing/trace
```

NVME

Part of the nvme-user suite

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