



Red Hat Enterprise Linux Release 9.2 Manual Pages on 'nvme-wdc-namespace-resize.1' command

\$ man nvme-wdc-namespace-resize.1

NVME-WDC-NAMESPACE(1) NVMe Manual NVME-WDC-NAMESPACE(1)

NAME

nvme-wdc-namespace-resize - Resizes the device's namespace.

SYNOPSIS

```
nvme wdc namespace-resize <device> [--nsid=<NAMESPACE ID>, -n <NAMESPACE ID>] [--op_option=<OP OPTION>,
-o <OP OPTION>]
```

DESCRIPTION

For the NVMe device given, sends the WDC Vendor Specific Command that modifies the namespace size reported by the device.

The <device> parameter is mandatory NVMe character device (ex: /dev/nvme0).

This will only work on WDC devices supporting this feature. Results for any other device are undefined.

OPTIONS

-n <NAMESPACE ID>, --namespace-id=<NAMESPACE_ID>

Namespace ID; ID of the namespace to resize

-o <OP OPTION>, --op-option=<OP OPTION>

Overprovisioning Option; defaults to 0xF

Valid Values:

0x1 - 7% of Original TNVMCAP reported value

0x2 - 28% of Original TNVMCAP reported value

0x3 - 50% of Original TNVMCAP reported value

0xF - 0% of Original TNVMCAP reported value (original config)

All other values - reserved

EXAMPLES

? Resizes namespace 1 to 50% of the original TNVMCAP reported value:

```
# nvme wdc namespace-resize /dev/nvme0 -n 1 -o 3
```

? Resizes namespace 2 to 7% of the original TNVMCAP reported value:

```
# nvme wdc namespace-resize /dev/nvme0 --namespace-id=2 --op-option=1
```

NVME

Part of the nvme-user suite.

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