



Rocky Enterprise Linux 9.2 Manual Pages on command 'nvme-zns-zone-append.1'

\$ man nvme-zns-zone-append.1

NVME-ZNS-ZONE-APP(1) NVMe Manual NVME-ZNS-ZONE-APP(1)

NAME

nvme-zns-zone-append - Send an NVMe write command, provide results

SYNOPSIS

```
nvme-zns-zone-append <device> [--namespace-id=<NUM> | -n <NUM>]
                               [--zslba=<IONUM> | -s <IONUM>]
                               [--data-size=<IONUM> | -z <IONUM>]
                               [--metadata-size=<IONUM> | -y <IONUM>]
                               [--data=<FILE> | -d <FILE>]
                               [--metadata=<FILE> | -M <FILE>]
                               [--limited-retry | -l]
                               [--force-unit-access | -f]
                               [--ref-tag=<NUM> | -r <NUM>]
                               [--app-tag-mask=<NUM> | -m <NUM>]
                               [--app-tag=<NUM> | -a <NUM>]
                               [--prinfo=<NUM> | -p <NUM>]
```

DESCRIPTION

The zone append command writes the logical blocks specified by the

command to the medium from the data data buffer provided. Will use stdin by default if you don't provide a file.

On success, the program will report the LBA that was assigned to the data for the append operation.

OPTIONS

`-n <NUM>, --namespace-id=<NUM>`

Use the provided namespace id for the command. If not provided, the namespace id of the block device will be used. If the command is issued to a non-block device, the parameter is required.

`-s <IONUM>, --zslba=<IONUM>, -z <IONUM>, --data-size=<IONUM>`

Size of data, in bytes.

`-y <IONUM>, --metadata-size=<IONUM>`

Size of metadata in bytes.

`-d <FILE>, --data=<FILE>`

Data file providing the data to write. If none provided, contents are sent from STDIN.

`-M <FILE>, --metadata=<FILE>`

Metadata file, if necessary.

`-l, --limited-retry`

Sets the limited retry flag.

`-f, --force-unit-access`

Set the force-unit access flag.

`-r <NUM>, --ref-tag=<NUM>`

Optional reftag when used with protection information.

`-m <NUM>, --app-tag-mask=<NUM>`

Optional application tag mask when used with protection information.

`-a <NUM>, --app-tag=<NUM>`

Optional application tag when used with protection information.

`-p <NUM>, --prinfo=<NUM>`

Protection Information field definition.

EXAMPLES

? Append the data "hello world" into 4k worth of blocks into the zone

starting at block 0 for namespace 1:

```
# echo "hello world" | nvme zns zone-append /dev/nvme0 -n 1 -s 0 -z 4k
```

NVME

Part of the nvme-user suite

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