Full credit is given to the above companies including the OS that this PDF file was generated!

Red Hat Enterprise Linux Release 9.2 Manual Pages on 'nvme-zns-zone-append.1' command

$ 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