



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

\$ man nvme-zns-set-zone-desc.1

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

NAME

nvme-zns-set-zone-desc - Set extended descriptor data for a zone

SYNOPSIS

```
nvme zns set-zone-desc <device> [--namespace-id=<NUM> | -n <NUM>]
                                [--start-lba=<IONUM>, -s <IONUM>]
                                [--zrwaa | -r]
                                [-data=<FILE>, -d <FILE>]
                                [--timeout=<timeout> | -t <timeout>]
```

DESCRIPTION

For the NVMe device given, issues the Zone Management Send command with the Set Zone Descriptor Extensions action. The input will default to stdin. Alternatively, the data may come from a file that can be specified. The data length will automatically be calculated from the zns identify namespace.

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 <lba>, --start-lba=<lba>

The starting LBA of the zone to manage send.

-r, --zrwaa

Allocate Zone Random Write Area to zone.

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

Optional file for data (default stdin)

-t <timeout>, --timeout=<timeout>

Override default timeout value. In milliseconds.

EXAMPLES

? Write "hello world" into the zone descriptor for namespace 1?s

first zone (requires device supports a large enough zone extended data)

```
# echo "hello world" | nvme zns set-zone-desc /dev/nvme0 -n 1 -s 0
```

NVME

Part of nvme-cli

NVMe	06/23/2023	NVME-ZNS-SET-ZONE(1)
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