



Rocky Enterprise Linux 9.2 Manual Pages on command 'sg_zone.8'

\$ man sg_zone.8

SG_ZONE(8) SG3_UTILS SG_ZONE(8)

NAME

sg_zone - send a SCSI ZONE modifying command

SYNOPSIS

```
sg_zone [--all] [--close] [--count=ZC] [--element=EID] [--finish]
[--help] [--open] [--remove] [--sequentialize] [--verbose] [--version]
[--zone=ID] DEVICE
```

DESCRIPTION

Sends a SCSI OPEN ZONE, CLOSE ZONE, FINISH ZONE, REMOVE ELEMENT AND MODIFY ZONES or SEQUENTIALIZE ZONE command to the DEVICE. All but the last two are found in the ZBC standard (INCITS 536-2016). The REMOVE ELEMENT AND MODIFY ZONES command was added in zbc2r07 while the SEQUENTIALIZE ZONE command was added in zbc2r01b.

One and only one of the --open, --close, --finish, --remove and --sequentialize options can be chosen.

OPTIONS

Arguments to long options are mandatory for short options as well.

-a, --all

sets the ALL field in the cdb.

-c, --close

causes the CLOSE ZONE command to be sent to the DEVICE.

-C, --count=ZC

ZC is placed in the Zone Count field in the cdb of all four commands supported by this utility. ZC should be a value from 0 to 65535 (0xffff) inclusive.

-e, --element=EID

where EID is an element identifier which is a 32 bit unsigned integer starting at one. This field is used by the REMOVE ELEMENT AND MODIFY ZONES command and its default value is zero (which is invalid). So the user needs to supply a valid element identifier when --remove is used.

-f, --finish

causes the FINISH ZONE command to be sent to the DEVICE.

-h, --help

output the usage message then exit.

-o, --open

causes the OPEN ZONE command to be sent to the DEVICE.

-r, --remove

causes the REMOVE ELEMENT AND MODIFY ZONES command to be sent to the DEVICE. In practice, --element=EID needs to be also given.

-S, --sequentialize

causes the SEQUENTIALIZE ZONE command to be sent to the DEVICE.

-v, --verbose

increase the level of verbosity, (i.e. debug output).

-V, --version

print the version string and then exit.

-z, --zone=ID

where ID is placed in the cdb's ZONE ID field. A zone id is a zone start logical block address (LBA). The default value is 0. ID is assumed to be in decimal unless prefixed with '0x' or has a trailing 'h' which indicate hexadecimal.

EXIT STATUS

The exit status of `sg_zone` is 0 when it is successful. Otherwise see the `sg3_utils(8)` man page.

AUTHORS

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REPORTING BUGS

Report bugs to <dgilbert at interlog dot com>.

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SEE ALSO

`sg_rep_zones`, `sg_reset_wp`(`sg3_utils`)

`sg3_utils-1.43`

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`SG_ZONE(8)`