



## ***Rocky Enterprise Linux 9.2 Manual Pages on command 'sg\_rep\_zones.8'***

**C:\>man sg\_rep\_zones.8**

SG\_REP\_ZONES(8)                      SG3\_UTILS                      SG\_REP\_ZONES(8)

### NAME

sg\_rep\_zones - send SCSI REPORT ZONES command

### SYNOPSIS

```
sg_rep_zones [--help] [--hex] [--maxlen=LEN] [--raw] [--readonly] [--report=OPT]
[--start=LBA] [--verbose] [--version] DEVICE
```

### DESCRIPTION

Sends a SCSI REPORT ZONES command to DEVICE and outputs the data returned. This command is found in the ZBC draft standard, revision 4c (zbc-r04c.pdf).

### OPTIONS

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

-h, --help

output the usage message then exit.

-H, --hex

output the response in hexadecimal to stdout. When used once the whole response is output in ASCII hexadecimal with a leading address (starting at 0) on each line. When used twice each zone descriptor in the response is output separately in hexadecimal. When used thrice the whole response is output in hexadecimal with no leading address (on each line).

-m, --maxlen=LEN

where LEN is the (maximum) response length in bytes. It is placed in the cdb's "allocation length" field. If not given (or LEN is zero) then 8192 is

used. The maximum allowed value of LEN is 1048576.

`-p, --partial`

set the PARTIAL bit in the cdb.

`-r, --raw`

output the SCSI response (i.e. the data-out buffer) in binary (to stdout).

`-R, --readonly`

open the DEVICE read-only (e.g. in Unix with the O\_RDONLY flag). The default fault is to open it read-write.

`-o, --report=OPT`

where OPT will become the contents of the REPORTING OPTION field in the cdb.

The default value is 0 which means report a list of all zones. Some other values are 1 for list zones with a zone condition of empty; 2 for list zones with a zone condition of implicitly opened; 3 for list zones with a zone condition of explicitly opened; 4 for list zones with a zone condition of closed; 5 for list zones with a zone condition of full; 6 for list zones with a zone condition of read only; 7 for list zones with a zone condition of offline. Other values are 0x10 for list zones with RWP recommended set to true; 0x11 for list zones with non-sequential write resource active set to true and 0x3f for list zones with a zone condition of not write pointer.

`-s, --start=LBA`

where LBA is at the start or within the first zone to be reported. The default value is 0. If LBA is not a zone start LBA then the preceding zone start LBA is used for reporting. Assumed to be in decimal unless prefixed with '0x' or has a trailing 'h' which indicate hexadecimal.

`-v, --verbose`

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

`-V, --version`

print the version string and then exit.

## EXIT STATUS

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

## AUTHORS

Written by Douglas Gilbert.

## REPORTING BUGS

Report bugs to <dgilbert at interlog dot com>.

## COPYRIGHT

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## SEE ALSO

sg\_reset\_wp,sg\_zone(sg3\_utils)

sg3\_utils-1.42

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