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Rocky Enterprise Linux 9.2 Manual Pages on command 'cryptsetup-config.8'

\$ man cryptsetup-config.8

CRYPTSETUP-CONFIG(8) Maintenance Commands CRYPTSETUP-CONFIG(8)

NAME

cryptsetup-config - set permanent configuration options (store to LUKS header)

SYNOPSIS

cryptsetup config <options> <device>

DESCRIPTION

Set permanent configuration options (store to LUKS header). The config command is supported only for LUKS2.

The permanent options can be --priority to set priority (normal, prefer, ignore) for keyslot (specified by --key-slot) or --label and --subsystem.

<options> can be [--priority, --label, --subsystem, --key-slot, --header, --disable-locks].

OPTIONS

--key-slot, -S <0-N>

For LUKS operations that add key material, this option allows you to specify which key slot is selected for the new key.

The maximum number of key slots depends on the LUKS version. LUKS1 can have up to 8 key slots. LUKS2 can have up to 32 key slots based on key slot area size and key size, but a valid key slot ID can always be between 0 and 31 for LUKS2.

`--header <device or file storing the LUKS header>`

Use a detached (separated) metadata device or file where the LUKS header is stored. This option allows one to store ciphertext and LUKS header on different devices.

For commands that change the LUKS header (e.g. `luksAddKey`), specify the device or file with the LUKS header directly as the LUKS device.

`--disable-locks`

Disable lock protection for metadata on disk. This option is valid only for LUKS2 and ignored for other formats.

WARNING: Do not use this option unless you run `cryptsetup` in a restricted environment where locking is impossible to perform (where `/run` directory cannot be used).

`--priority <normal|prefer|ignore>`

Set a priority for LUKS2 keyslot. The prefer priority marked slots are tried before normal priority. The ignored priority means, that slot is never used, if not explicitly requested by `--key-slot` option.

`--label <LABEL> --subsystem <SUBSYSTEM>`

Set label and subsystem description for LUKS2 device. The label and subsystem are optional fields and can be later used in `udev` scripts for triggering user actions once the device marked by these labels is detected.

`--batch-mode, -q`

Suppresses all confirmation questions. Use with care!

If the `--verify-passphrase` option is not specified, this option also switches off the passphrase verification.

`--debug` or `--debug-json`

Run in debug mode with full diagnostic logs. Debug output lines are

always prefixed by #.

If --debug-json is used, additional LUKS2 JSON data structures are printed.

--version, -V

Show the program version.

--usage

Show short option help.

--help, -?

Show help text and default parameters. == REPORTING BUGS

Report bugs at cryptsetup mailing list <cryptsetup@lists.linux.dev> or in Issues project section

<<https://gitlab.com/cryptsetup/cryptsetup/-/issues/new>>.

Please attach output of the failed command with --debug option added.

SEE ALSO

Cryptsetup FAQ

<<https://gitlab.com/cryptsetup/cryptsetup/wikis/FrequentlyAskedQuestions>>

cryptsetup(8), integritysetup(8) and veritysetup(8)

CRYPTSETUP

Part of cryptsetup project <<https://gitlab.com/cryptsetup/cryptsetup/>>.

cryptsetup 2.6.0

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CRYPTSETUP-CONFIG(8)