

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**--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.

--disable-locks

Disable lock protection for metadata on disk. This option is valid only for LUKS2 and is 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).

--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 the 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.

--help, -?

Show help text and default parameters.

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

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

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

--label <label>, **--subsystem** <subsystem>

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

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

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

--usage

Show short option help.

--version, -V

Show the program version.

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 the 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/>>.