

NAME

cryptsetup-close – removes the existing mapping <name> (and the associated key)

SYNOPSIS

cryptsetup close [**<options>**] **<name>**

DESCRIPTION

Removes the existing mapping <name> and wipes the key from kernel memory.

For backward compatibility, there are **close** command aliases: **remove**, **plainClose**, **luksClose**, **loopaesClose**, **tcryptClose**, **bitlkClose** (all behave the same, device type is determined automatically from the active device).

<options> can be [**--deferred**, **--cancel-deferred**, **--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.

--cancel-deferred

Removes a previously configured deferred device removal in the *close* command.

--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.

--deferred

Defers device removal in the *close* command until the last user closes it.

--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.

--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/>>.