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Red Hat Enterprise Linux Release 9.2 Manual Pages on 'cryptsetup-luksHeaderBackup.8' command

`$ man cryptsetup-luksHeaderBackup.8`

CRYPTSETUP-LUKSHEADERBACKUP(8Maintenance CommandCRYPTSETUP-LUKSHEADERBACKUP(8)

NAME

cryptsetup-luksHeaderBackup - store a binary backup of the LUKS header and keyslot area

SYNOPSIS

```
cryptsetup luksHeaderBackup --header-backup-file <file> [<options>]
<device>
```

DESCRIPTION

Stores a binary backup of the LUKS header and keyslot area.

NOTE: Using '-' as filename writes the header backup to a file named '-'.

<options> can be [--header, --header-backup-file, --disable-locks].

WARNING: This backup file and a passphrase valid at the time of backup allows decryption of the LUKS data area, even if the passphrase was later changed or removed from the LUKS device. Also note that with a header backup you lose the ability to securely wipe the LUKS device by just overwriting the header and key-slots. You either need to securely erase all header backups in addition or overwrite the encrypted data area as well. The second option is less secure, as some sectors can survive, e.g., due to defect management.

OPTIONS

--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.

`--header-backup-file <file>`

Specify file with header backup file.

`--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).

`--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.

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

2022-12-14 CRYPTSETUP-LUKSHEADERBACKUP(8)