

NAME

cryptsetup-isLuks – check if a device is a LUKS device

SYNOPSIS

cryptsetup isLuks [**<options>**] **<device>**

DESCRIPTION

Returns true if **<device>** is a LUKS device, false otherwise.

Use option **-v** to get human-readable feedback. 'Command successful.' means the device is a LUKS device.

By specifying **--type**, you may query for a specific LUKS version.

<options> can be [**--header**, **--type**, **--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.

--type *type*

Specifies required device type, for more info, read the *BASIC ACTIONS* section in **cryptsetup(8)**.

--usage

Show short option help.

--verbose, -v

Print more information on command execution.

--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/>>.