

NAME

cryptsetup-fvaul2Dump – dump the header information of a FVAULT2 (FileVault2 compatible) device

SYNOPSIS

cryptsetup fvaul2Dump [**<options>**] **<device>**

DESCRIPTION

Dump the header information of a FVAULT2 (FileVault2 compatible) device.

If the `--dump-volume-key` option is used, the FVAULT2 device volume key is dumped instead of header information. You have to provide a password or keyfile to dump the volume key.

Beware that the volume key can be used to decrypt the data stored in the container without a passphrase. This means that if the volume key is compromised, the whole device has to be erased to prevent further access. Use this option carefully.

<options> can be [`--dump-volume-key`, `--volume-key-file`, `--key-file`, `--keyfile-offset`, `--keyfile-size`, `--timeout`].

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.

--dump-volume-key, --dump-master-key (OBSOLETE alias)

Print the volume key in the displayed information. Use with care, as the volume key can be used to bypass the passphrases, see also option `--volume-key-file`.

--help, -?

Show help text and default parameters.

--key-file, -d file

Read the passphrase from the file.

If the name given is "-", then the passphrase will be read from stdin. In this case, reading will not stop at newline characters.

See section *NOTES ON PASSPHRASE PROCESSING* in **cryptsetup**(8) for more information.

--keyfile-offset value

Skip *value* bytes at the beginning of the key file.

--keyfile-size, -l value

Read a maximum of *value* bytes from the key file. The default is to read the whole file up to the compiled-in maximum that can be queried with `--help`. Supplying more data than the compiled-in maximum aborts the operation.

This option is useful to cut trailing newlines, for example. If `--keyfile-offset` is also given, the size count starts after the offset.

--timeout, -t *seconds*

The number of seconds to wait before a timeout on passphrase input via terminal. It is relevant every time a passphrase is asked. It has no effect if used in conjunction with **--key-file**.

This option is useful when the system should not stall if the user does not input a passphrase, e.g., during boot. The default is a value of 0 seconds, which means to wait forever.

--usage

Show short option help.

--version, -V

Show the program version.

--volume-key-file *file*, --master-key-file *file* (OBSOLETE alias)

Use a volume key stored in a file.

The volume key is stored in a file instead of being printed out to standard output.

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/>>.