



Full credit is given to the above companies including the OS that this PDF file was generated!

Red Hat Enterprise Linux Release 9.2 Manual Pages on 'tss2_decrypt.1' command

\$ man tss2_decrypt.1

tss2_decrypt(1) General Commands Manual tss2_decrypt(1)

NAME

tss2_decrypt(1) - decrypts data

SYNOPSIS

tss2_decrypt [OPTIONS]

SEE ALSO

fapi-config(5) to adjust Fapi parameters like the used cryptographic profile and TCTI or directories for the Fapi metadata storages.
fapi-profile(5) to determine the cryptographic algorithms and parameters for all keys and operations of a specific TPM interaction like the name hash algorithm, the asymmetric signature algorithm, scheme and parameters and PCR bank selection.

DESCRIPTION

tss2_decrypt(1) - This command decrypts data that was encrypted using tss2_encrypt using the TPM decryption schemes as specified in the cryptographic profile (cf., fapi-profile(5)).

OPTIONS

These are the available options:

? -p, --keyPath=STRING:

Identifies the decryption key.

? -i, --cipherText=FILENAME or - (for stdin):

The JSON-encoded cipherText.

? -f, --force:

Force Overwriting the output file.

? -o, --plainText=FILENAME or - (for stdout):

Returns the decrypted data. Optional parameter.

COMMON OPTIONS

This collection of options are common to all tss2 programs and provide information that many users may expect.

? -h, --help [man|no-man]: Display the tools manpage. By default, it attempts to invoke the manpager for the tool, however, on failure will output a short tool summary. This is the same behavior if the ?man? option argument is specified, however if explicit ?man? is requested, the tool will provide errors from man on stderr. If the ?no-man? option is specified, or the manpager fails, the short options will be output to stdout.

To successfully use the manpages feature requires the manpages to be installed or on MANPATH, See man(1) for more details.

? -v, --version: Display version information for this tool, supported tctis and exit.

EXAMPLE

```
tss2_decrypt --keyPath=HS/SRK/myRSACrypt --cipherText=cipherText.file --plainText=plainText.file
```

RETURNS

0 on success or 1 on failure.

BUGS

Github Issues (<https://github.com/tpm2-software/tpm2-tools/issues>)

HELP

See the Mailing List (<https://lists.01.org/mailman/listinfo/tpm2>)

tpm2-tools

APRIL 2019

tss2_decrypt(1)