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## **Red Hat Enterprise Linux Release 9.2 Manual Pages on 'tss2\_encrypt.1' command**

### **\$ man tss2\_encrypt.1**

tss2\_encrypt(1)      General Commands Manual      tss2\_encrypt(1)

#### NAME

tss2\_encrypt(1) - encrypts data

#### SYNOPSIS

tss2\_encrypt [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\_encrypt(1) - This command encrypts the provided data for a target key using the TPM encryption schemes as specified in the cryptographic profile (cf., fapi-profile(5)).

#### OPTIONS

These are the available options:

? -p, --keyPath=STRING:

Identifies the encryption key.

? -f, --force:

Force overwriting the output file.

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

The data to be encrypted.

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

Returns the JSON-encoded ciphertext.

## 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_encrypt --keyPath=HS/SRK/myRSACrypt --plainText=plainText.file --cipherText=cipherText.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

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