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Red Hat Enterprise Linux Release 9.2 Manual Pages on 'tss2_exportkey.1' command

\$ man tss2_exportkey.1

tss2_exportkey(1) General Commands Manual tss2_exportkey(1)

NAME

tss2_exportkey(1) -

SYNOPSIS

tss2_exportkey [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_exportkey(1) - This command will duplicate a key and encrypt it using the public key of a new parent. The exported data will contain the re-wrapped key pointed to by the pathOfKeyToDuplicate and then the JSON encoded policy. Encryption is done according to TPM encryption schemes specified in the cryptographic profile (cf., fapi-profile(5)).

OPTIONS

These are the available options:

? -e --pathToPublicKeyOfNewParent=STRING:

The path to the public key of the new parent. This key MAY be in the public key hierarchy /ext. Optional parameter. If omitted only the

public key will be exported.

? -f, --force:

Force overwriting the output file.

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

Returns the exported subtree.

? -p, --pathOfKeyToDuplicate=STRING:

The path to the root of the subtree to export.

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_exportkey --pathOfKeyToDuplicate=HS/SRK/myRSADecrypt --exportedData=exportedData.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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