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Red Hat Enterprise Linux Release 9.2 Manual Pages on 'tss2_provision.1' command

$ man tss2_provision.1

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tss2_provision(1)          General Commands Manual          tss2_provision(1)

NAME

       tss2_provision(1) -

SYNOPSIS

       tss2_provision [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  parame?

       ters for all keys and operations of a specific TPM interaction like the

       name hash algorithm, the asymmetric signature algorithm, scheme and pa?

       rameters and PCR bank selection.

DESCRIPTION

       tss2_provision(1) - This command provisions a FAPI instance and its as?

       sociated TPM.  The steps taken are:

       ? Retrieve the EK template, nonce and  certificate,  verify  that  they

         match the TPM?s EK and store them in the key store.

       ? Set  the  authValues  and policies for the Owner (Storage Hierarchy),

         the Privacy Administrator (Endorsement Hierarchy) and the lockout au?

         thority.

       ? Scan  the  TPM?s  nv  indices and create entries in the FAPI metadata

         store.  This operation MAY use a heuristic to guess  the  originating

         programs for nv indices found and name the entries accordingly.
```

? Create the SRK (storage primary key) inside the TPM and make it per?
sistent if required by the cryptographic profile (cf., fapi-pro?
file(5)) and store its metadata in the system-wide FAPI metadata
store. Note that the SRK will not have an authorization value asso?
ciated.

If an authorization value is associated with the storage hierarchy, it
is highly recommended that the SRK without authorization value is made
persistent.

The paths of the different metadata storages for keys and nv indices
are configured in the FAPI configuration file (cf., fapi-config(5)).

OPTIONS

These are the available options:

? -E, --authValueEh=STRING: The authorization value for the privacy ad?
min, i.e. the endorsement hierarchy. Optional parameter.

? -S, --authValueSh=STRING: The authorization value for the owner,
i.e. the storage hierarchy. Optional parameter.

? -L, --authValueLockout=STRING: The authorization value for the lock?
out authorization. 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 re?
quested, the tool will provide errors from man on stderr. If the
?no-man? option if specified, or the manpager fails, the short op?
tions 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_provision

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)