Red Hat Enterprise Linux Release 9.2 Manual Pages on 'tss2_pcrread.1' command

$ man tss2_pcrread.1

tss2_pcrread(1)   General Commands Manual   tss2_pcrread(1)

NAME

    tss2_pcrread(1) -

SYNOPSIS

    tss2_pcrread [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_pcrread(1) - This command provides a PCRs value and corresponding

    event log. The PCR bank to be used per PCR is defined in the crypto?

    graphic profile (cf., fapi-profile(5)).

OPTIONS

    These are the available options:

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

      Returns PCR digest. Optional parameter.

    ? -x, --pcrIndex=INTEGER:

      Identifies the PCR to read.

    ? -f, --force:

Force overwriting the output files.

? -l, --pcrLog=FILENAME or - (for stdout):

Returns the PCR log for that PCR. Optional parameter.

PCR event logs are a list (arbitrary length JSON array) of log en?

tries with the following content.

  - recnum: Unique record number

  - pcr: PCR index

  - digest: The digests

  - type: The type of event. At the moment the only possible value is: "LINUX_IMA" (legacy IMA)

  - eventDigest: Digest of the event; e.g. the digest of the measured file

  - eventName: Name of the event; e.g. the name of the measured file.

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_pcrread --pcrIndex=16 --pcrValue=pcrValue.file --pcrLog=pcrLog.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)