

**NAME**

swtpm-localca.conf – Configuration file for swtpm-localca

**DESCRIPTION**

The file `/etc/swtpm-localca.conf` contains configuration variables for the *swtpm-localca* program.

Entries may contain environment variables that will be resolved. All environment variables must be formatted like this: `'${varname}'`.

Users may write their own configuration into `${XDG_CONFIG_HOME}/swtpm-localca.conf` or if `XDG_CONFIG_HOME` is not set it may be in `${HOME}/.config/swtpm-localca.conf`.

The following configuration variables are supported:

**statedir**

The name of a directory where to store data into. A lock will be created in this directory.

**signinkey**

The file containing the key used for signing the certificates. Provide a key in PEM format or a pkcs11 URI.

**signingkey\_password**

The password to use for the signing key.

**issuercert**

The file containing the certificate for this CA. Provide a certificate in PEM format.

**certserial**

The name of file containing the serial number for the next certificate.

**TSS\_TCSD\_HOSTNAME**

This variable can be set to the host where **tcsl** is running on in case the signing key is a GnuTLS TPM 1.2 key. By default *localhost* will be used.

**TSS\_TCSD\_PORT**

This variable can be set to the port on which **tcsl** is listening for connections. By default port *30003* will be used.

**env:<environment variable name>=<value>**

Environment variables, that are needed by pkcs11 modules, can be set using this format. An example for such an environment variable may look like this:

```
env:MY_MODULE_PKCS11_CONFIG = /tmp/mymodule-pkcs11.conf
```

The line must not contain any trailing spaces.

**EXAMPLE**

An example *swtpm-localca.conf* file may look as follows:

```
statedir = /var/lib/swtpm_localca
signingkey = /var/lib/swtpm_localca/signkey.pem
issuercert = /var/lib/swtpm_localca/issuercert.pem
certserial = /var/lib/swtpm_localca/certserial
```

With a PKCS11 URI it may look like this:

```
statedir = /var/lib/swtpm-localca
signingkey = pkcs11:model=SoftHSM%20v2;manufacturer=SoftHSM%20project;serial=891
issuercert = /var/lib/swtpm-localca/swtpm-localca-tpmca-cert.pem
certserial = /var/lib/swtpm-localca/certserial
SWTPM_PKCS11_PIN = 1234
```

**SEE ALSO**

**swtpm-localca**

## **REPORTING BUGS**

Report bugs to Stefan Berger <stefanb@linux.vnet.ibm.com>