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### ***Rocky Enterprise Linux 9.2 Manual Pages on command 'p11-kit.8'***

***\$ man p11-kit.8***

P11-KIT(8)                      System Commands                      P11-KIT(8)

#### NAME

p11-kit - Tool for operating on configured PKCS#11 modules

#### SYNOPSIS

p11-kit list-modules  
p11-kit extract ...  
p11-kit server ...

#### DESCRIPTION

p11-kit is a command line tool that can be used to perform operations on PKCS#11 modules configured on the system.

See the various sub commands below. The following global options can be used:

-v, --verbose

Run in verbose mode with debug output.

-q, --quiet

Run in quiet mode without warning or failure messages.

#### LIST MODULES

List system configured PKCS#11 modules.

```
$ p11-kit list-modules
```

The modules, information about them and the tokens present in the PKCS#11 modules will be displayed.

## EXTRACT

Extract certificates from configured PKCS#11 modules.

This operation has been moved to a separate command `trust extract`. See `trust(1)` for more information

## SERVER

Run a server process that exposes PKCS#11 module remotely.

```
$ p11-kit server pkcs11:token1 pkcs11:token2 ...
```

```
$ p11-kit server --provider /path/to/pkcs11-module.so pkcs11:token1 pkcs11:token2 ...
```

This launches a server that exposes the given PKCS#11 tokens on a local socket. The tokens must belong to the same module. To access the socket, use `p11-kit-client.so` module. The server address and PID are printed as a shell-script snippet which sets the appropriate environment variable: `P11_KIT_SERVER_ADDRESS` and `P11_KIT_SERVER_PID`.

## EXTRACT TRUST

Extract standard trust information files.

This operation has been moved to a separate command `trust extract-compat`. See `trust(1)` for more information

## REMOTE

Run a PKCS#11 module remotely.

```
$ p11-kit remote /path/to/pkcs11-module.so
```

```
$ p11-kit remote pkcs11:token1 pkcs11:token2 ...
```

This is not meant to be run directly from a terminal. But rather in a remote option in a `pkcs11.conf(5)` file.

This exposes the given PKCS#11 module or tokens over standard input and output. Those two forms, whether to expose a module or tokens, are mutually exclusive and if the second form is used, the tokens must belong to the same module.

## BUGS

Please send bug reports to either the distribution bug tracker or the upstream bug tracker at <https://github.com/p11-glue/p11-kit/issues/>.

## SEE ALSO

pkcs11.conf(5)

Further details available in the p11-kit online documentation at

<https://p11-glue.github.io/p11-glue/p11-kit/manual/>.

p11-kit

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