

Getting CAC to Work on Fedora

Note:

- This procedure will not work for Ubuntu.
- This procedure assumes the use of Fedora, Firefox and libcoolkey.

Fedora 17 CAC Configuration

The libcoolkey library will work with most CACs. It may still not work for the 144 CACs.

Verify that coolkey is installed on the system and install coolkey in if it does not exist on the system

```
$ rpm -qa |grep coolkey
```

Install pcsc-tools to verify system can read the CAC

```
$sudo yum install pcsc-tools
```

Scan for your card and verify that it can read your CAC.

```
$pcsc_scan
```

If it does not detect the your card then there is a wget link at the bottom of the output to download the updated smart card list. This link is provided by the pcsc-tools package maintainer.

Install the DoD Mozilla Firefox plugin from <http://www.forge.mil/Resources-Firefox.html>. The CAC will not automatically set up.

Configure the CAC in Firefox

- Edit > Preferences > Encryption > Security Devices
- Load a new PKCS#11 Device using the libcoolkeypk11 library
- */usr/lib/pkcs11/libcoolkeypk11.so*
- Log in and make sure the browser reads your CAC

Attempt to go to <https://software.forge.mil>.