

This has been tested by accessing AKO, so I'm not sure how well it will behave with the other CAC uses (ApproveIt, etc)

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Install Reader Drivers (copy to Windows\System32 if no installer provided)

Plug in Card Reader. (An SCR311 was used, driver version "SCR3xxx\_4.31\_4.44")

Select No, and click Next. Install Automatically. Next. Finish.

- If Auto install did not detect the Reader drivers do this instead:

- Select Install from list.
- Select Don't search, and click next.
- Scroll down to Smart Card Readers.
- If Reader model doesn't appear, press Have Disk, and browse to driver location.
- (Might be in a sub directory of windows\system32 if drivers were zipped within a folder.)

Install DoD Certificates (InstallRoot\_3.09.msi) No special instructions, just use the defaults.

(Close all browser windows to install ActivClient)

Install ActivClient (6.1 was used for this guide)

Restart. (may or may not be required, my process had zero faults with restarting.)

After logging in, Insert your CAC into the reader.

Open ActivClient by r-clicking the icon in the tray. Double-click My Certificates.

For each Certificate on the right, r-click and select 'Make Available'

(I used all three, because I wasn't certain which one AKO wants, I'm sure it could be limited to just the correct one, for security's sake.)

(If browser windows were open, closing and re-opening them is recommended.)

Go to <https://www.us.army.mil>

\*(There are going to be several certificates that need to be approved manually.)\*

Click 'Add an Exception...', Click "'Get certificate from server', ensure 'store permanently' is checked, click Ok.

Repeat as necessary.

Click the CAC Login. Enter your (6-8 digit) pin. The correct certificate should be selected, hit Ok.

Something to add to the process/troubleshooting:

The Reader needs to be connected and recognized (around 3-5 seconds) before opening Firefox.

When trying to login without the reader connected beforehand, a two-boxed Username/Password prompt for "cac-reg" will probably pop up, instead of the single passcode popup.

If you get the cac-reg prompt, simply closing firefox, replugging the reader, and reopening firefox should get rid of the problem. This shouldn't be a problem for those with the keyboard/reader combos

(AKO Mail will require a few more Certificate Exceptions, to be installed as detailed above.)

Notes created: 9 May 2009