

Install Belgian-EID on ArtixLinux.

A. Prerequisites :

1. Upgraded system.
2. An EID-supported browser.
3. EID-extension if using firefox-browser.
4. An AUR-tool.
5. Metapackage for building stuff.
6. DNS-server not in 10. or 172. or 192. range.
7. If unsure about A6. pls jump to §D.

B. Dependencies :

1. pcsclite.
2. acscid.
3. ccid.
4. pcsc-tools.
5. pcscd running.

C. Commands :

1. # pacman -S base-devel
2. # pacman -S pcsclite{,-openrc} acscid ccid pcsc-tools
3. # rc-update add pcscd default
4. # rc-service pcscd start
5. # pacman -S YourPreferredBrowser
6. # pacman -S YourPreferredAURTool
7. # edit /etc/resolv.conf
 edit /etc/resolv.conf.tail
8. \$ gpg --recv-keys 824A5E0010A04D46
9. \$ Install eid-mw using YourPreferredAURTool

D. Notes

1. # before command indicates su.
 \$ preceding command indicates sudoer.
2. Used yaourtix, puyo also works.
 Other AURTools will most probably work also.
3. AUR-tools do not accept su-credentials. The account used in C8. and C9. MUST be a sudoer.
4. Used firefox with eid-extension.
 Chromium should also work.
5. Some DNS-servers in 10. 172. 192. ranges are useable.
 The easy way is just to ignore these DNS-servers.
6. Examples of DNS-servers, correct as of 20190911:
 Google 8.8.8.8 cq 8.8.4.4
 Quad9 9.9.9.9 cq 149.112.112.112
 OpenDNS 208.67.222.222 cq 208.67.220.220
 VeriSign 64.6.64.6 cq 64.6.65.6
7. Example of useable /etc/resolv.conf
 # begin of /etc/resolv.conf
 nameserver 202.67.222.222
 nameserver 8.8.8.8
 nameserver ::1
 nameserver 127.0.0.1
 #lines starting with # are not needed
 #end of /etc/resolv.conf

Install Belgian-EID on ArtixLinux.

8. In some instances a fresh `/etc/resolv.conf` will be generated at every start of the network-managing utility.
A supplemental file named `/etc/resolv.conf.tail` resolves.
9. Example of useable `/etc/resolv.conf.tail`

```
# begin of /etc/resolv.conf.tail
nameserver      202.67.222.222
nameserver      8.8.8.8
#lines starting with # are not needed
#end of /etc/resolv.conf.tail
```
10. Networkmanagaging utilities and `/etc/resolv.conf.tail/head` (afaik):
 - connman : ignores these files.
 - dhcpcd ; honours tail/head files.
 - wicd : honours tail/head files.
11. In case adding a tail/head to `/etc/resolv.conf` does not solve, setting the immutable bit does :

```
# chatter +i /etc/resolv.conf
```
12. Keyring-related problems on upgrade can be easily solved by :

```
# pacman -S {archlinux,artix}-keyring
```

Z. History

1. Original : 'Install Belgian-EID_201909.pdf' - missedrx 20190901.
2. Mk2 : missedrx - 20190919
 - Added : \$Z.
 - Editing :
 - added extra solution to resolver-problem.
 - added solution for keyring-problem.
 - rearranged items iot improve readability.
 - Renamed to : 'Install_Belgian-EID_Mk2.pdf'