

Ввод в домен AD машины astralinux

```
sudo apt install resolvconf -y
sudo tee -a /etc/network/interfaces << EOF
auto eth0
iface eth0 inet static
    address x.x.x.x/y
    gateway x.x.x.x
    dns-servers x.x.x.x
    dns-domain {{ defaults.domainadmin }}
EOF
sudo systemctl restart networking
```

```
sudo tee /etc/security/limits.d/90-fsize.conf 2>/dev/null << EOF
* hard fsize unlimited
* soft fsize unlimited
EOF
sudo apt install astra-ad-sssd-client -y
sudo astra-ad-sssd-client -y -d {{ server.domain }} -u {{
defaults.domainadmin }}
```

Rutoken 2fa

```
sudo apt install libccid pcscd libpcsclite1 pcsc-tools opensc libengine-
pkcs11-openssl1.1 -y
sudo apt install libnss3-tools krb5-pkinit libpam-krb5 -y
```

```
sudo cp rutoken_pub.key /etc/digsig/keys/ -v
sudo update-initramfs -u -k all
```

```
sudo reboot
```

```
sudo apt install -f ./librtpkcs11ecp_2.17.1.0-1_amd64.deb
sudo apt install -f ./ifd-rutokens_1.0.4_amd64.deb
```

```
sudo mkdir /etc/pki/nssdb -p
sudo chmod 777 /etc/pki/nssdb
sudo certutil -N -d /etc/pki/nssdb --empty-password
sudo certutil -d /etc/pki/nssdb -A -n 'CA-ROOT-CERT' -t CT,CT,CT -a -i
cacert.pem
```

```
sudo modutil -dbdir /etc/pki/nssdb -add "Rutoken PKCS11" -libfile
librtpkcs11ecp.so
#проверка:
sudo certutil -L -d /etc/pki/nssdb -h all
```

```
sudo mkdir /etc/krb5/  
sudo cp cacert.pem /etc/krb5/ -v
```

| [/etc/krb5.conf](#)

```
[libdefaults]  
...  
pkinit_anchors = FILE:/etc/krb5/cacert.pem  
pkinit_kdc_hostname = ipa.virt.int  
pkinit_eku_checking = kpServerAuth  
pkinit_identities = PKCS11:librtpkcs11ecp.so
```

| [/etc/sss/sss.conf](#)

```
[pam]  
pam_cert_auth = True
```

| [/etc/pam.d/common-auth](#)

```
auth      [success=6 default=ignore]      pam_krb5.so minimum_uid=2500  
try_pkinit
```

| [/usr/share/pam-configs/krb5](#)

```
Auth-Initial:  
      [success=end default=ignore]      pam_krb5.so minimum_uid=2500  
try_pkinit
```

From:
<https://wiki.virtlab.space/> -

Permanent link:
https://wiki.virtlab.space/russianway:adds_join

Last update: **2025/02/18 19:14**

