



[reddit.com/r/linuxmint/comments/1hw9tni/ad_authentication/](https://www.reddit.com/r/linuxmint/comments/1hw9tni/ad_authentication/)

Step 1:

In terminal, run:

```
sudo apt update  
sudo apt install realmd sssd adcli krb5-user packagekit
```

If krb5-user asks for your default realm, enter your domain in all caps.

Step 2:

Discover your realm in terminal by running:

```
realm discover YOUR.DOMAIN.COM
```

Step 3:

Join the domain by running:

```
sudo realm join --user=administrator YOUR.DOMAIN.COM
```

Step 4:

Verify you were able to join successfully by running:

```
realm list
```

Step 5:

Run the following to ensure this file looks similar to the example below:

```
sudo nano /etc/sssd/sssd.conf
```

Confirm it looks similar to the example:

```
[sssd]
services = nss, pam
config_file_version = 2
domains = YOUR.DOMAIN.COM
[domain/YOUR.DOMAIN.COM]
override_homedir = /home/%u
default_shell = /bin/bash
```

Step 6:

Run the following two commands in terminal:

```
sudo systemctl enable sssd
sudo systemctl start sssd
```

Step 7:

Test the AD connection by typing in the following in terminal with your info:

```
su YOUR_DOMAIN_USER@YOUR.DOMAIN.COM
```

Step 8:

Exit back out to a local session and run the following to open this file:

```
sudo nano /etc/pam.d/common-session
```

Add the following line to the bottom of the file and save it:

```
session required pam_mkhomedir.so skel=/etc/skel umask=0077
```

Step 9:

Open the Login Window settings in the Mint UI and turn on the Manual Login option

Step 10:

Restart the computer, click on the Login text at the Cinnamon login screen and type in your AD account:

```
user@domain.com
```