**Samba PDC/Linux**

For this exam, you will set up a samba PDC. You will also connect a Linux client to this new PDC.

**Server**

Using the virtual machine provided,

- install the samba server package
- enable `log level = 1`
- configure the server to control the domain listed with the netbios name of `foo`
- configure the server to share a directory that you will create called `sample` located at `/sample`. You need to create the directory
- Create the following 3 samba users/passwords:
  - barney/fife1
  - andy/taylor2
  - opie/taylor3
- Create a samba group called `mayberrians` and put those previously created users in it.
- Add `andy` to the `Domain Admins` group.

**Client**

Using the Linux virtual machine provided:

Install the requisite packages for the machine to join your samba domain.

- Your new export `sample` should be mounted at `/home`.
- Local users should be able to login with their homes mounted at `/home.00`

Any of your created users should be able to login on the Linux machine. (Edit nsswitch, install winbind).

- Login as each following user and create the following files in their home directories.
  - for barney create `~/sheriff.txt`
  - for andy create `~/deputy.txt`

Know how to mount a samba share to the filesystem:

```
sudo mount -t cifs //dc1.zero.cs.dixie.edu/userhomes mnt/ -o username=marty,noexec
```

- Test