

Notes

For Rocky Linux

Install PAM using `sudo dnf install pam pam-devel` and to enable pam go to file `sudo nano /etc/pam.d/system-auth` and add account required `pam_access.so` and save it.

Then go to `sudo nano /etc/pam.d/password-auth` and add account required `pam_access.so` and do `sudo systemctl restart sshd`.

For Debian

Enable PAM using `sudo nano /etc/pam.d/login` and uncomment account required `pam_access.so` and `sudo nano /etc/pam.d/sshd` and uncomment account required `pam_access.so` and do `sudo systemctl restart sshd`.

The `access.conf` file will be enable once the above steps is done and inside the file give permissions to root, `abbi9145`, `msscott`, `dschrute` to and restrict other users by using commands. `+:root:ALL,+:abbi9145:ALL,+:msscott:ALL,+:dschrute:ALL` and restrict other users by `-:ALL:ALL`.

In machine E all the users should access machine E so by using `+: ALL: ALL` all users can access.

In machine C and Machine D pbeesly, abernard, k Kapoor should be able to access using command `+: pbeesly, abernard, k Kapoor:ALL` and in machine F all the users in the accounting group to access the machines use command `+(accounting):ALL`.

To Check the password policy go to `sudo nano /etc/security/pwquality.conf` file and make changes in `minlen=10, dcredit=-2, ucredit=-2, lcredit=0, ocredit=-1` and save and exit. For Debian machine, install the `libpam-pwquality` package and then we access `pwquality.conf` file.

To restrict users other than `dschrute`, `abbi9145` and root we can restrict using :-

```
Login;*;!abbi9145 !root !dschrute ; Wk 0900-1700
sshd;*;!abbi9145 !root !dschrute ; Wk 0900-1700
```

It took me around 6-7 hours.