



```
[root@machine2 ~]# useradd alice
[root@machine2 ~]# useradd bob
useradd: warning: the home directory /home/bob already exists.
useradd: Not copying any file from skel directory into it.
Creating mailbox file: File exists
[root@machine2 ~]# useradd charlie
useradd: warning: the home directory /home/charlie already exists.
useradd: Not copying any file from skel directory into it.
Creating mailbox file: File exists
[root@machine2 ~]# passwd alice
Changing password for user alice.
New password:
BAD PASSWORD: The password is shorter than 8 characters
Retype new password:
passwd: all authentication tokens updated successfully.
[root@machine2 ~]# passwd bob
Changing password for user bob.
New password:
BAD PASSWORD: The password is shorter than 8 characters
Retype new password:
passwd: all authentication tokens updated successfully.
[root@machine2 ~]# passwd charlie
Changing password for user charlie.
New password:
BAD PASSWORD: The password is shorter than 8 characters
Retype new password:
passwd: all authentication tokens updated successfully.
```



```
[root@machine2 ~]#  
[root@machine2 ~]# groupadd devs  
[root@machine2 ~]# groupadd designers  
[root@machine2 ~]#  
[root@machine2 ~]#  
[root@machine2 ~]# usermod -aG devs alice  
[root@machine2 ~]# usermod -aG devs bob  
[root@machine2 ~]# usermod -aG designers charlie  
[root@machine2 ~]# mkdir /lab  
[root@machine2 ~]# cd /lab  
[root@machine2 lab]# mkdir /dev  
mkdir: cannot create directory '/dev': File exists  
[root@machine2 lab]# mkdir dev  
[root@machine2 lab]# mkdir design  
[root@machine2 lab]# ls
```

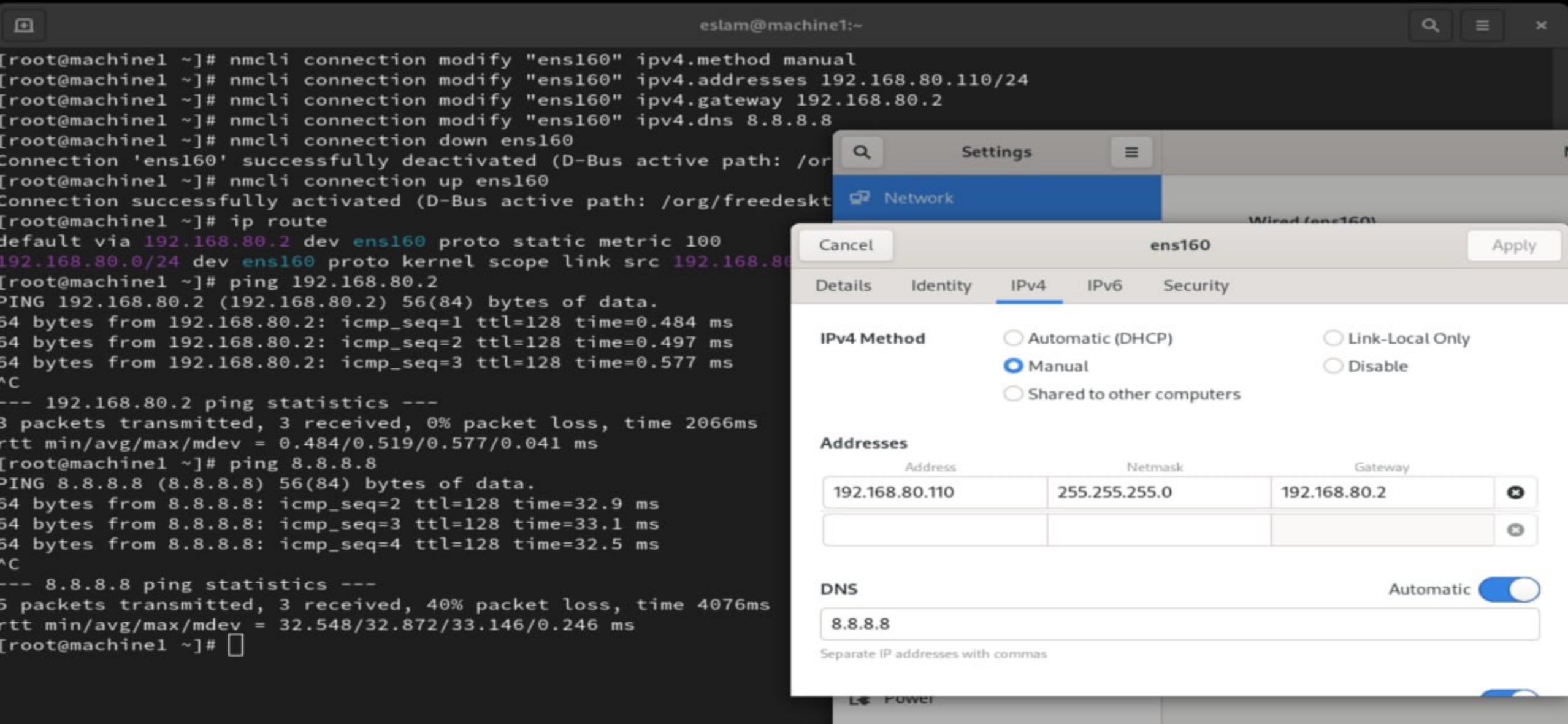
design dev

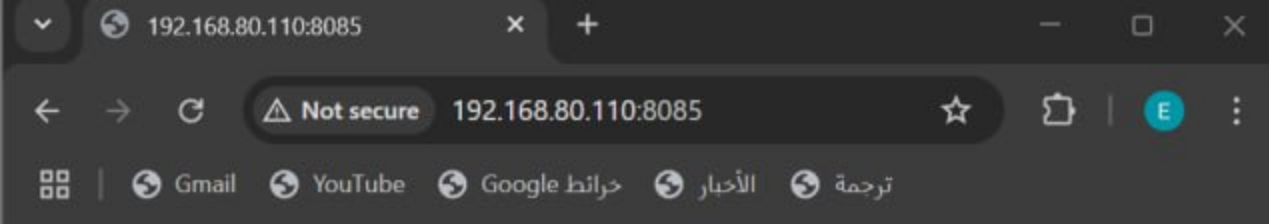


```
[root@machine2 lab]# chown alice:devs /lab/dev
[root@machine2 lab]# chown charlie:designrs /lab/design
chown: invalid group: 'charlie:designrs'
[root@machine2 lab]# chown charlie:designers /lab/design
[root@machine2 lab]#
[root@machine2 lab]# chmod 770 /lab/dev
[root@machine2 lab]# chmod 770 /lab/design
[root@machine2 lab]# su -alice
su: invalid option -- 'a'
Try 'su --help' for more information.
```



```
[alice@machine2 ~]$ touch /lab/dev/project.txt
[alice@machine2 ~]$ su
Password:
[root@machine2 alice]# su - charlie
[charlie@machine2 ~]$ touch /lab/design/design.txt
[charlie@machine2 ~]$ su
Password:
[root@machine2 charlie]#
[root@machine2 charlie]#
[root@machine2 charlie]# su - bob
[bob@machine2 ~]$ cat /lab/dev/project.txt
[bob@machine2 ~]$ ^C
[bob@machine2 ~]$ su - charlie
Password:
[charlie@machine2 ~]$ cat /lab/dev/project.txt
cat: /lab/dev/project.txt: Permission denied
[charlie@machine2 ~]$
[charlie@machine2 ~]$
[charlie@machine2 ~]$
[charlie@machine2 ~]$ su - alice
Password:
[alice@machine2 ~]$ cat /lab/design/design.txt
cat: /lab/design/design.txt: Permission denied
[alice@machine2 ~]$
[alice@machine2 ~]$
[alice@machine2 ~]$
[alice@machine2 ~]$
[alice@machine2 ~]$ su
Password:
[root@machine2 alice]#
```



Welcome to My Simple Server

