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CSCI 4113

Lab 6

1. On machine F, ‘ip addr’ to get machine F’s mac address: 00:50:56:b4:c9:89
2. ‘vi /etc/sysconfig/network-scripts/ifcfg-eno16780032’ and set ONBOOT=YES
3. On machine A, add machine F mac address, and fixed IP address in /etc/dhcp/dhcpd.conf  
     
   subnet 100.64.36.0 netmask 255.255.255.0 {

authoritative;

range 100.64.36.0 100.64.36.254;

default-lease-time 3600;

max-lease-time 3600;

option subnet-mask 255.255.255.0;

option broadcast-address 100.64.36.255;

option routers 100.64.36.0;

option domain-name-servers 8.8.8.8;

option domain-name "example.com";

}

host machine\_F {

hardware ethernet 00:50:56:b4:c9:89;

fixed-address 100.64.36.5;

option host-name machineF;

}

1. Machine F can now be SSH’ed into, but has no internet access. To fix this set default gateway: ‘route add default gw 100.64.36.1’
2. On machine f:
   1. Yum install httpd
   2. Systemctl enable httpd
   3. Systemctl start httpd
3. ‘yum install rsync’ on machine F and machine B
4. On machine B, rsync /etc/sudoers,group,shadow,passwd to machine F.
5. On machine F, edit crontab: ‘crontab –e’  
   0 \* \* \* \* rsync –chavzP –stats [root@100.64.36.2:/var/www/](mailto:root@100.64.36.2:/var/www/) /var/www/
6. Set up rsync to not require password every time:
   1. On machine F: ‘ssh-keygen’, ENTER, ENTER, ENTER
   2. ‘ssh-copy-id –I ~/.ssh/id\_rsa.pub 100.64.36.2’
7. Web browser at 100.64.36.5 still shows apache test page.
   1. Cp –r /var/www/dundermifflin/\* /var/www/html/

