

## 011-CONFIGURE NAT FOR PRIVATE NETWORK

Notebook: <Inbox>

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### CONFIGURE NAT FOR PRIVATE NETWORK

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#Open Terminal and run the following commands,

```
sudo su

sed -i 's/archive.ubuntu.com/mirror.amberit.com.bd/g'
/etc/apt/sources.list
echo 'Acquire::http { Proxy "http://192.168.108.8:4444"; };' >
/etc/apt/apt.conf.d/50apt-cacher

apt update
apt install iptables vim
```

```
sudo vim /usr/bin/nat.sh
```

# Now write the following content

```
#!/bin/bash

echo 1 > /proc/sys/net/ipv4/ip_forward

iptables -F INPUT
iptables -F OUTPUT
iptables -F FORWARD
iptables -F -t mangle
iptables -F -t nat
iptables -F
iptables -X
iptables -Z
iptables -t nat -F
iptables -t nat -X
iptables -t nat -Z
iptables --table nat -F
iptables --delete-chain
iptables --table nat --delete-chain
iptables -t mangle --delete-chain

iptables -A INPUT -i lo -j ACCEPT
iptables -A OUTPUT -o lo -j ACCEPT
```

```
iptables -t nat -A POSTROUTING -o eth0 -j SNAT --to 192.168.108.11
```

```
chmod +x /usr/bin/nat.sh
```

Run...

```
sudo nat.sh
```

```
sudo vim /etc/rc.local
```

#Add the following line before exit 0

```
nat.sh
```