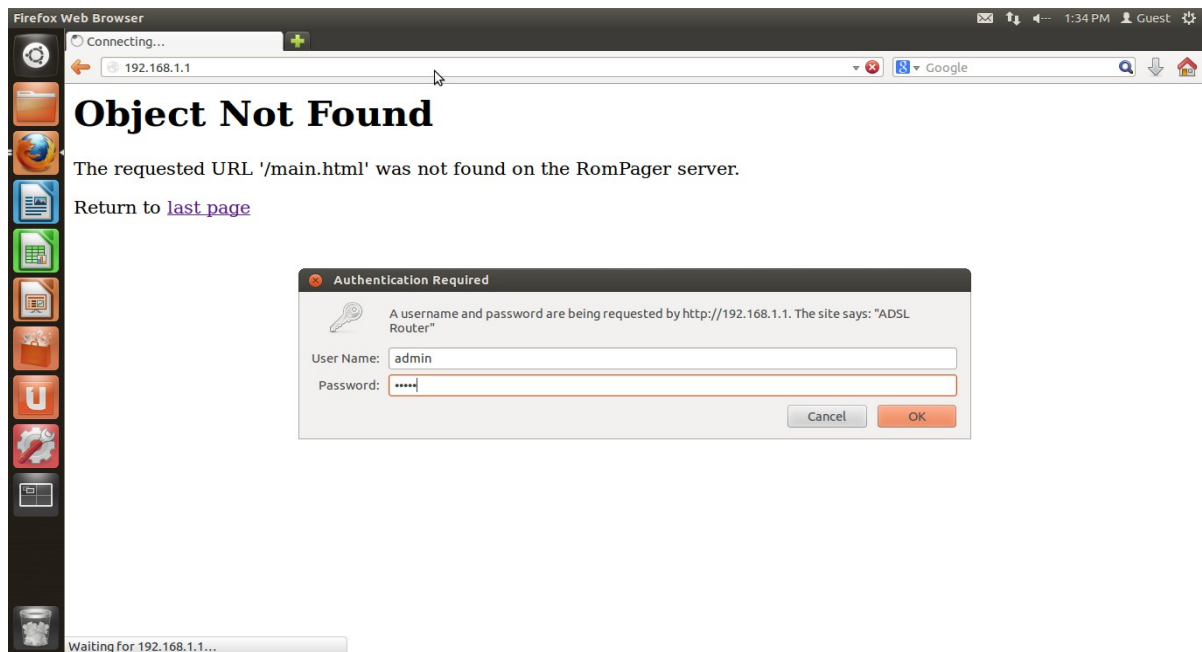


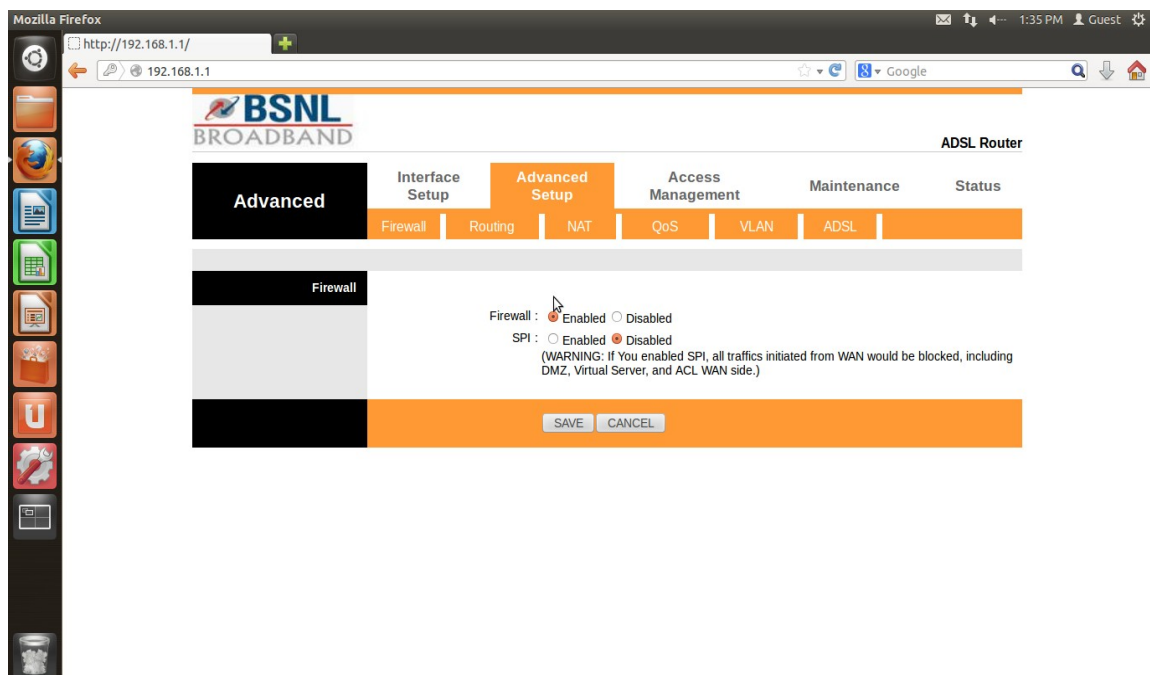
VIRTUAL SERVER SETTING OVER VPN_oBB MODEM

(Assign IP for CIS Connection in eth0 and Modem Connection in eth1)

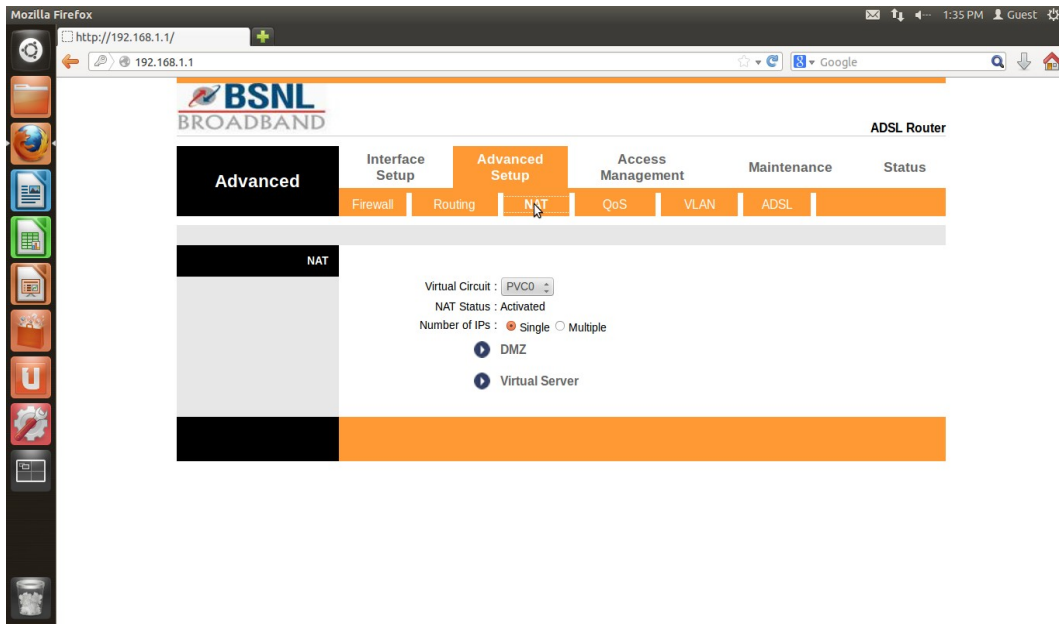
1. Click on Mozilla Browser
Type 192.168.1.1 in URL
Log into modem by using admin user



2. Click on Advanced Setup
Click on NAT Tab



3. Click on Virtual Server



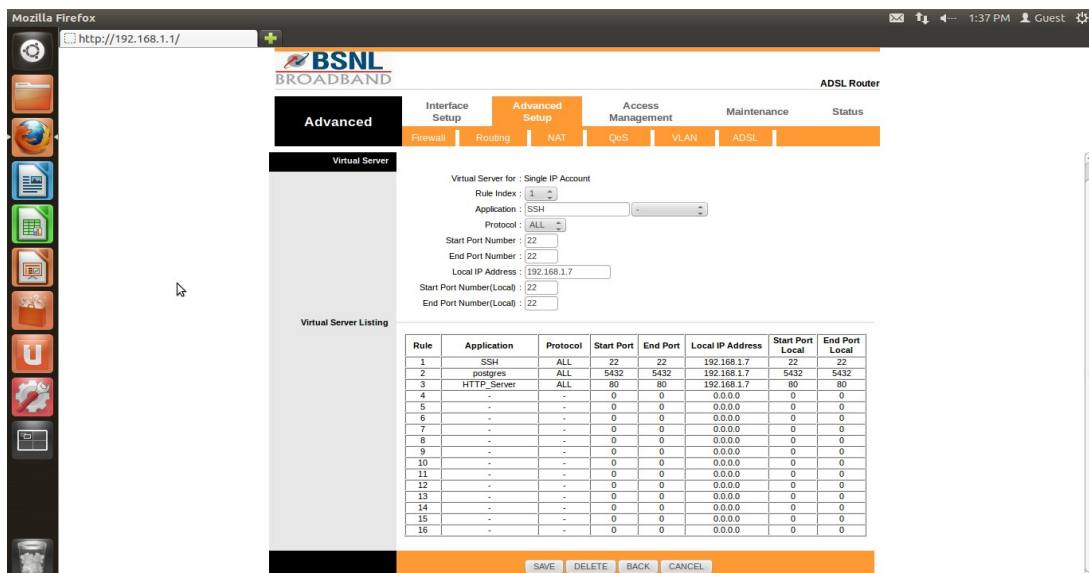
4. If the modem had already Rule Indexes, please delete one by one index.

After that Click on Rule Index, Select Application SSH by using Drop Down Menu showing in front of Application (Automatically Start Point and End Point Port shows 22) Insert Local IP Address of Modem Connection. After that Save the Rule Index.

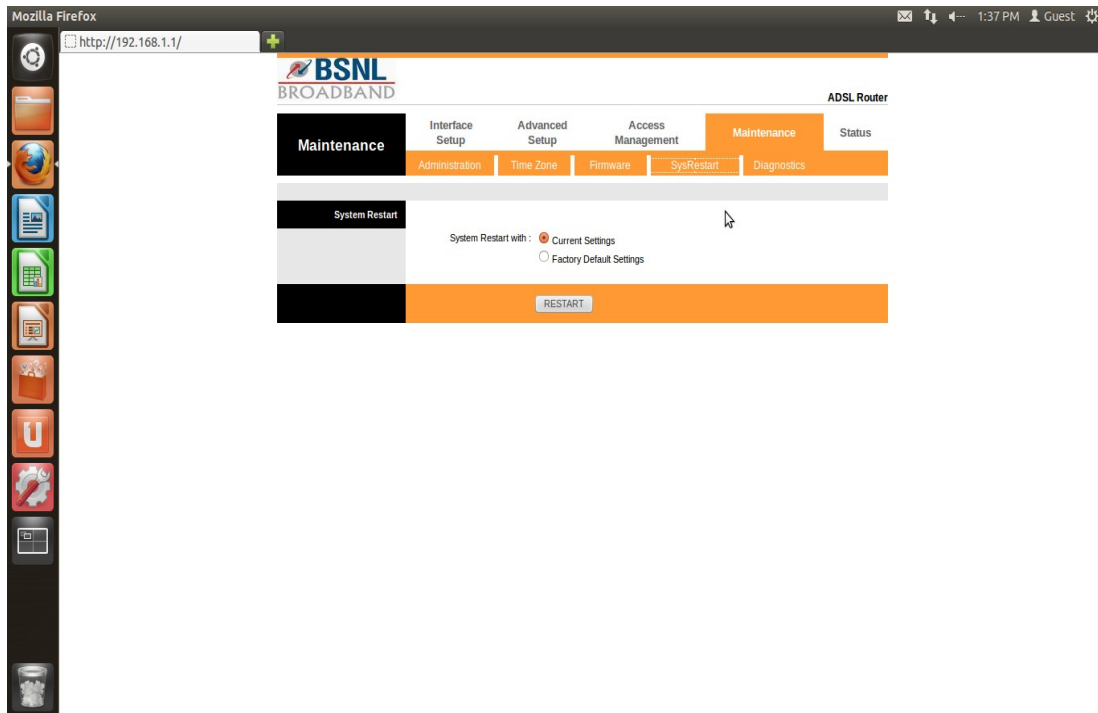
Select Rule Index 2 and Type postgres (This Rule is not in Drop Down Menu) Type Port manually as 5432 for Start and End Point. Insert Local IP Address of Modem Connection. After that Save the Rule Index.

Select Rule Index 3 and select Application HTTP_Server by using Drop Down Menu showing in front of Application (Automatically Start Point and End Point Port shows 80) Insert Local IP Address of Modem Connection. After that Save the Rule Index.

IMP :- Please add the IP of Modem which is created through Ethernet Connection. (No other IP will work)



5. Click on Maintenance, select SysRestart, Restart Modem by using System Restart with Current Setting.



Note : This exercise is only for one time after that you have to follow the following procedure.

Once your setup was completed you have to check SSH connections from your own location.

Location 1 : Where you have already configured NAT setting.

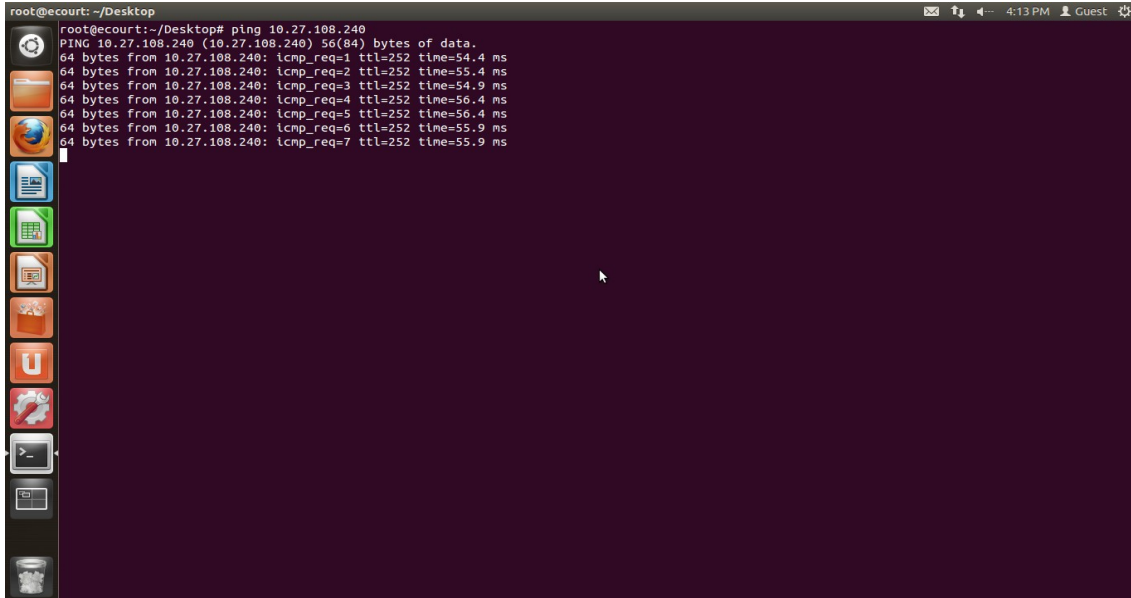
Location 2 : Where you want to configure NAT setting.

Communicate your 10.XX.XXX.XXX Internal Modem IP to Location 1

Illustration : Internal IP of Modem is 10.27.108.240 of Location 2

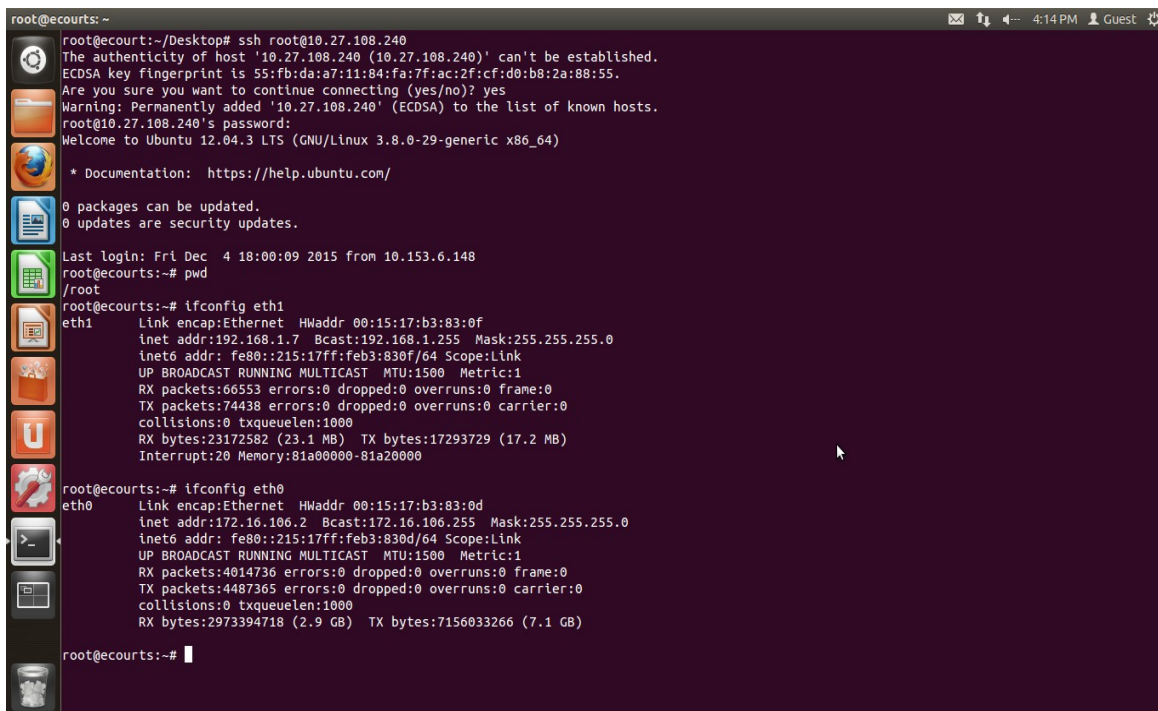
Fire the following commands from Location 1

ping 10.27.108.240 (Check communication between locations)



```
root@ecourt:~/Desktop# ping 10.27.108.240
PING 10.27.108.240 (10.27.108.240) 56(84) bytes of data:
64 bytes from 10.27.108.240: icmp_req=1 ttl=252 time=54.4 ms
64 bytes from 10.27.108.240: icmp_req=2 ttl=252 time=55.4 ms
64 bytes from 10.27.108.240: icmp_req=3 ttl=252 time=54.9 ms
64 bytes from 10.27.108.240: icmp_req=4 ttl=252 time=56.4 ms
64 bytes from 10.27.108.240: icmp_req=5 ttl=252 time=56.4 ms
64 bytes from 10.27.108.240: icmp_req=6 ttl=252 time=55.9 ms
64 bytes from 10.27.108.240: icmp_req=7 ttl=252 time=55.9 ms
```

ssh root@10.27.108.240



```
root@ecourts:~# ssh root@10.27.108.240
The authenticity of host '10.27.108.240 (10.27.108.240)' can't be established.
ECDSA key fingerprint is 55:fb:da:a7:11:84:fa:7f:ac:2f:cf:d0:b8:2a:88:55.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added '10.27.108.240' (ECDSA) to the list of known hosts.
root@10.27.108.240's password:
Welcome to Ubuntu 12.04.3 LTS (GNU/Linux 3.8.0-29-generic x86_64)

 * Documentation:  https://help.ubuntu.com/

0 packages can be updated.
0 updates are security updates.

Last login: Fri Dec  4 18:00:09 2015 from 10.153.6.148
root@ecourts:~# pwd
/root
root@ecourts:~# ifconfig eth1
eth1      Link encap:Ethernet  HWaddr 00:15:17:b3:83:0f
          inet addr:192.168.1.7  Bcast:192.168.1.255  Mask:255.255.255.0
          inet6 addr: fe80::215:17ff:feb3:830f/64 Scope:Link
          UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
          RX packets:66553 errors:0 dropped:0 overruns:0 frame:0
          TX packets:74438 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:23172582 (23.1 MB)  TX bytes:17293729 (17.2 MB)
          Interrupt:20 Memory:81a00000-81a20000

root@ecourts:~# ifconfig eth0
eth0      Link encap:Ethernet  HWaddr 00:15:17:b3:83:0d
          inet addr:172.16.106.2  Bcast:172.16.106.255  Mask:255.255.255.0
          inet6 addr: fe80::215:17ff:feb3:830d/64 Scope:Link
          UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
          RX packets:4014736 errors:0 dropped:0 overruns:0 frame:0
          TX packets:4487365 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:2973394718 (2.9 GB)  TX bytes:7156033266 (7.1 GB)

root@ecourts:~#
```

check the IP of eth0 and eth1 of Location 2

telnet 10.27.108.240 22
and
telnet 10.27.108.240 5432

