

STEPS TO CONFIGURE VPNoBB IN LINUX

1) OPEN WEB BROWSER:

TYPE: 192.168.1.1 (BEFORE TYPING MAKE SURE THAT VPN MODEM IS CONNECTED TO PHONE AND YOUR PC AND THERE IS GREEN SIGNAL COMING IN THE DATA OPTION OF MODEM.)

2) AFTER ENTERING 192.168.1.1 PRESS ENTER . ENTER LOGIN DETAILS:

USERNAME: ADMIN

PASSWORD : ADMIN

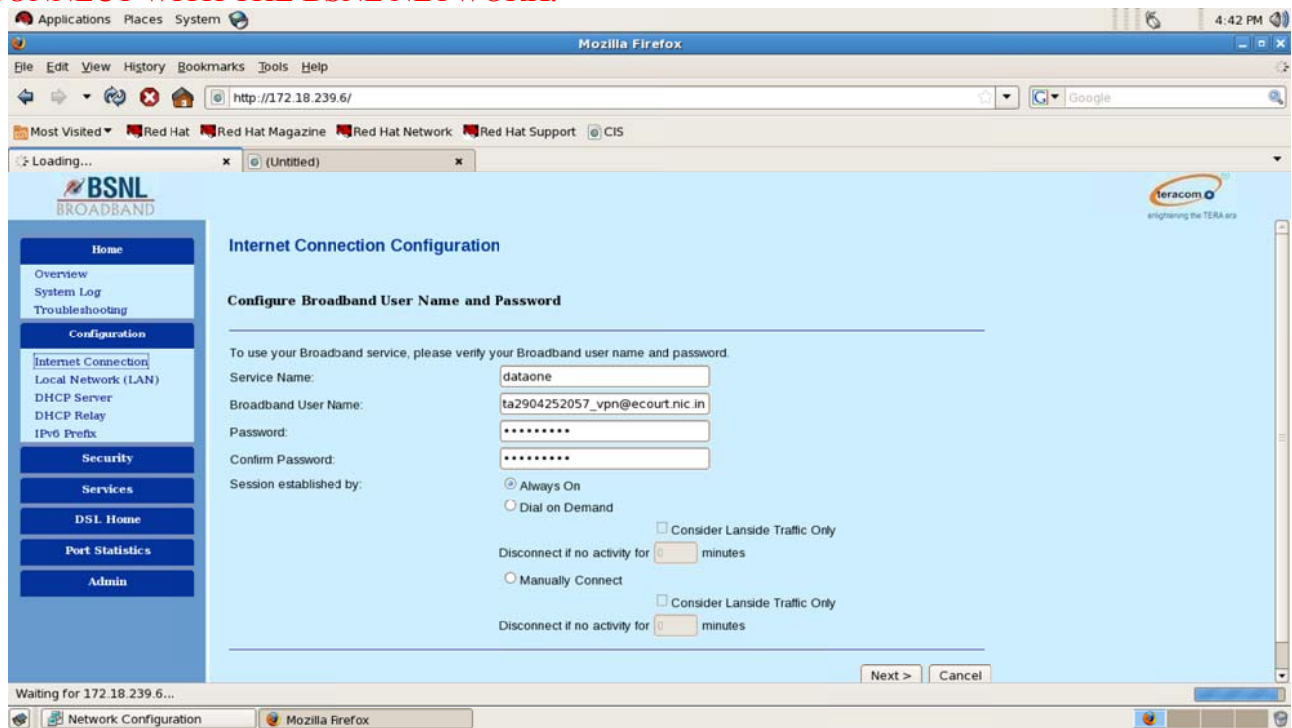
3) BSNL MODEM CONFIGURATION GUI INTERFACE WILL GET OPEN.

4) FIRST CHANGE YOU HAVE TO DO IS GIVING IP TO YOUR MODEM.
IN MY CASE I HAVE GIVEN 172.18.239.6 WITH SUBNET MASK: 255.255.255.192
HOW TO DO IT?

▲ ON THE LEFT MENU BAR CLICK ON CONFIGURATION-> LOCAL NETWORK (LAN)
ENTER IP AND SUBNET MASK... THEN CLICK ON APPLY.
WAIT FOR 1 MIN AS IT WILL TAKE TIME TO GET RECONFIGURED.

The screenshot shows a Linux desktop environment. The top panel includes 'Applications', 'Places', and 'System' menus. The taskbar at the bottom contains several windows: 'Network Configuration', 'Mozilla Firefox', and 'Rajasthan High Court - Mozill...'. The main window is the BSNL Broadband Local Network Configuration GUI, which is titled 'Local Network Configuration'. It has a left sidebar with navigation options: Home, Overview, System Log, Troubleshooting, Configuration, Internet Connection, Local Network (LAN), DHCP Server, DHCP Relay, IPv6 Prefix, Security, Services, DSL Home, Port Statistics, and Admin. The 'Configuration' section is active, showing 'LAN side IP Address Settings'. Under 'Primary IP Address', the IP Address is set to 172.18.239.6 and the Subnet Mask is 255.255.255.192. There is also a 'Virtual IP Address' section with a checkbox for 'Configure Virtual IP address and subnet mask' and an MTU of 1500. A note at the bottom states: 'New settings only take effect after your Router is rebooted. If necessary.' In the background, a Mozilla Firefox browser window is open to the Rajasthan High Court website (http://www.hcraj.nic.in/), displaying the court's logo and a list of navigation links: History, Judges, Roster, Causelist, Case Status, Judgements, Photo Gallery, and Registrars.

2) THE MOST IMPORTANT STEP:
CLICK ON CONFIGURATION → INTERNET CONNECTION
ASK THE BSNL AUTHORITY TO PROVIDE YOU THE USERNAME AND PASSWORD
FOR THE BROADBAND THEN ENTER THE DETAILS AS SHOWN IN THE SCREEN SHOT.
**THIS DETAILS ARE VERY NECESSARY BECAUSE WITHOUT IT YOU WILL NOT BE ABLE TO
CONNECT WITH THE BSNL NETWORK.**



NOW GO TO ADMIN OPTION IN THE MENU BAR CLICK ON REBOOT MODEM.
WAIT FOR SOME TIME UNTIL IT GET RECONFIGURED.

3) MOST IMPORTANT STEP: AFTER THE MODEM GET CONFIGURED

IN CASE OF LINUX

GO TO SYSTEM-> ADMINISTRATION-> NETWORK->

IN THE DNS TAB-> **ENTER PRIMARY DNS: 164.100.17.3 AND SECONDARY DNS: 164.100.3.1**

RESTART THE NETWORK SERVICES:

4) RESTART THE PC:

HOW TO CONFIGURE THE VPN WITH SWITCH TO PROVIDE CONNECTIVITY TO CLIENT PC'S AND SERVER.

- 1) CONNECT THE PATCH CHORD FROM THE LAN PORT OF VPN MODEN TO THE LAN PORT OF SWITCH.
- 2) NOW MAKE SURE YOU HAVE GIVEN DNS TO ALL CLIENT (THIN & SLIM CLIENTS) AND SERVER.
- 3) RESTART THE NETWORK SERVICES IN CASE OF REDHAT ENTER COMMAND:
/ETC/INIT.D/NETWORK RESTART

NOW YOU CAN BE ABLE TO ACCESS CIS SIMULATNEOUSLY WITH VPN CONNECTIVITY.