

# Business Secure Router 222 Quick Install Guide

You can download all the documents referred to in this Quick Install guide at [www.nortel.com](http://www.nortel.com).

## Steps 1-4 Before you start

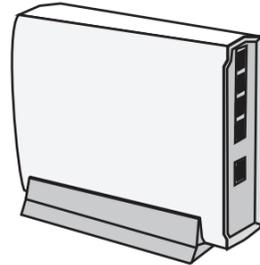
1. Contact your Internet Service Provider (ISP) to get the following information:
  - a. Encapsulation type: Ethernet, PPP over Ethernet, PPTP
  - b. ISP IP addresses: WAN, DNS servers, Gateway, and WAN MAC address

2. Get your **Domain Name** from the User Accounts dialog box in the Control Panel. For details, see your operating system Help files.

3. Get your **Computer Name** from the System Properties dialog box on your computer.

4. Get the IP addresses of DNS and remote servers on your LAN. (optional)

## Steps 5-8 Install the hardware



5. Place the BSR222 on a flat surface with sufficient clearance for the front and rear connection points, or use the supplied holder to vertically mount it.



6. Connect your PC and up to three other computers or network devices to the four Ethernet ports.

7. Connect your Internet service to the WAN port next to the Power LED.

8. Connect the supplied power adapter to the rear of the BSR222 and to a grounded AC power source.



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## Step 9 Assign TCP/IP addresses

9. Set up the IP addresses on each computer connected to the BSR222:
  - a. Set each computer to dynamically obtain an IP address, or assign a static IP address. If you assign a static IP address, choose one between 192.168.1.2 and 192.168.1.254.  
**Note:** Assign a static IP address for PPTP encapsulation.
  - b. Assign a **subnet mask** of 255.255.255.0 and a **default gateway** of 192.168.1.1.
  - c. If you assign a static IP address in step 9a, assign the **DNS server IP addresses**. If you do not know the DNS server IP addresses, choose **Obtain a DNS server address automatically**.

## Steps 10-12 Access the BSR222

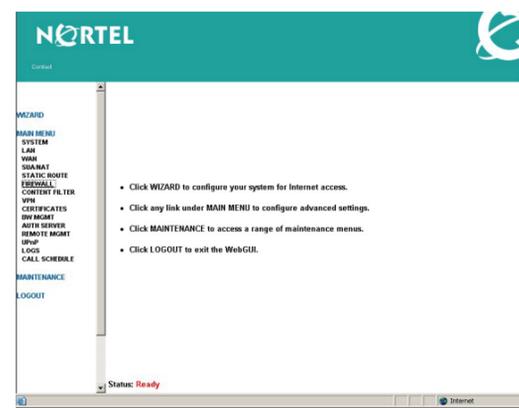


10. In the address field of your browser, enter 192.168.1.1

11. Enter the default user name (nnadmin) and password (PlsChgMe!) to log onto the BSR222.

12. You can replace the default password or use it as it is.

## Steps 13-16 Start the wizard



13. On the left navigation pane, click **Wizard**.

14. In the **General Setup** window, enter the **system name** (your computer name) and the **domain name**.



15. From the first Wizard window, choose the type of encapsulation and service that your ISP supplies. The wizard displays different windows for each type of encapsulation and service.

16. Depending on the type of encapsulation that your ISP uses, enter the following information:

### Ethernet

Choose the **Service Type**: Standard, RR-Toshiba, RR-Manager, or RR-Telstra. Enter **User Name**, **Password**, and **Login Server IP Address** if required.

### PPP over Ethernet

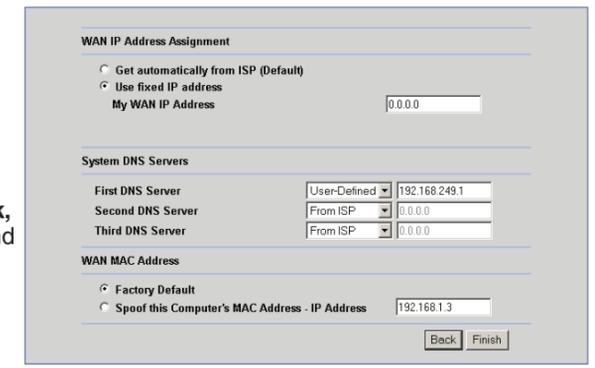
Enter the **Service Name**, **User Name** and **Password** assigned by your ISP, and enter **100 seconds** as the Idle Timeout. Choose **Nailed-Up Connection** to maintain constant service.

### PPTP

Enter the **User Name** and **Password** assigned by your ISP. Choose **Nailed-Up Connection** to maintain constant service. Also, enter the **My IP address**, **My IP subnet mask**, **PPTP server IP address**, and **Connection ID** (of the form n:name).

## Step 17 Enter ISP IP addresses (if required)

17. If your ISP provides a fixed IP address for their WAN:
  - a. Choose **Use fixed IP address**.
  - b. Enter the **My WAN IP**, **My WAN IP subnet mask**, **Gateway (Remote IP)**, and **System DNS Servers addresses**, if required. Otherwise, accept the default value of **Get automatically from ISP**.



## Steps 18-19 Test your Internet connection

18. The BSR222 setup is complete. Close your browser.

19. Test your connection to the Internet by opening your browser and visiting a known Web site.

For more detailed installation instructions, refer to *Nortel Business Secure Router 222 Fundamentals*.

