



Support Note

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Windows NT 4.0 Dial-Up Networking Installation

PLEASE NOTE: Before you begin, Make sure you have your Windows NT CD-ROM or diskettes available and ready for installation.

1. From the desktop, double-click **My Computer**.
2. Double-click **Dial-up Networking**.
3. If you receive a message stating **The phonebook is empty. Press O.K. to add an entry**, skip to the next section, Creating a Dial-up Networking Connection.
 - o If the Dial-up Networking window opens with the phonebook list and the option to dial, again proceed to the next section to create a new connection.
 - o Otherwise, click **Install**, then point to the path where your NT 4.0 install files are located (for example, D:\i486) and click **OK**. Windows NT will now install the necessary files onto the hard drive.
4. The **Add RAS Device** window will appear. If you see your modem listed in the **RAS Capable Devices** field, then click **OK** and proceed to the next step.

If you do not see a modem listed, then you will need to install a driver for your modem as follows:

- a. In the **Add RAS Device** window, click the **Install Modem** button. This will start the **Install New Modem** wizard. You can let Windows NT try to detect your modem automatically (recommended) by clicking **Next**.
 - b. If Windows NT detects your modem, then proceed through the wizard. If Windows NT is unable to detect your modem, you will then have the option to select your modem from a list or use a disk provided by the manufacturer. You may need to follow the directions in your modem's documentation.
5. Highlight your modem and click the **Configure** button.
 6. Make sure **Dial Out Only** is selected.
 7. Click **OK**.
 8. Click the **Network** button.
 9. Make sure **TCP/IP** is the only box checked.
 10. Click **OK**.
 11. Click **Continue** in the **Remote Access Setup** window.
 12. After Dial-Up Networking installation is complete, click **Restart** to reboot the computer before continuing.

Windows NT Create Phonebook Entry

1. From the desktop, double-click **My Computer**.
2. Double-click **Dial-up Networking**.
3. If you receive a message stating that **The phonebook is empty...**, then click **OK** to add a new entry.
4. If Dial-up Networking (DUN) already has other phone book entries, click **New**.
5. If the New Phonebook Entry Wizard window appears, check the box labeled I know all about phonebook entries... and click Finish.
6. In the **New Phonebook Entry** dialog, select the **Basic** tab.
7. Check **Use Telephony dialing properties**.
8. Uncheck **Use another port if busy**.
9. For **Entry name**, enter **DSLnet**.
10. Enter the **country code** and **area code** of the number you are dialing, plus the **phone number** itself.
11. Under **Dial using**, select your modem.
12. Click the **Configure** button.
13. Set the **Initial speed (BPS)** to 19,200 if you have a 14.4k modem or 38,400 if you have a 28.8k modem.
14. Make sure all three **Hardware Features** boxes are checked (if applicable) and that **Disable modem speaker** is not checked.
15. Click the **OK** button.
16. Select the **Server** tab.
17. The **Dial-up server type** should be **PPP: Windows NT, Windows 95 Plus, Internet**.
18. For **Network Protocols** only **TCP/IP** should be checked.
19. Make sure Enable software compression is checked, but Enable PPP LCP extensions unchecked.
20. Click the **TCP/IP settings** button.
21. Select **Server assigned IP address** and **Server assigned name server addresses**.
22. Check both Use IP header compression and Use default gateway on remote network.
23. Click the **OK** button.
24. Select the **Script** tab.
25. Make sure **None** is selected.
26. Select the **Security** tab.
27. Select Accept any authentication including clear text.

28. On the **New Phonebook Entry** window, click **OK**.
29. You will now be in the Dial-up Networking program, and the phone book entry you just created should be selected in the **Phonebook entry to dial** text box.
30. At this point your DSLnet entry has been created so click the **Close** button to exit.