

Configuring Windows NT 4.0 RAS for Remote Access

Have the Windows NT CD or disks handy for the following procedures.

Step 1: Checking for Multiple Winsock.dll's

1. Click Start
2. Click Find
3. Select Files or Folders
4. Type: winsock.dll (in the Named Box)
5. Make sure Look In is set to c:\
6. Click Find Now

You should have one winsock.dll in the \windows\system32 directory (it may be in \winnt\system32). More than one winsock.dll on your hard drive will lead to problems in resolving hostnames. The Windows winsock.dll will equal 3K in size. Make sure it is the correct one!

Step 2: Network

You may be prompted for the Windows NT CD/Disks after each addition or when you close this control panel.

1. Click Start
2. Select Settings
3. Select Control Panel
4. Double-Click the Network Icon

There will be five tabs on this control panel.

Click on the Services Tab.
Check for Remote Access Service
If it is not installed:

1. Click on Add
2. Click on Remote Access Service
3. Click OK

Click on the Protocols Tab.
Check for the TCP/IP Protocol.
If it is not installed:

1. Click on Add
2. Click on TCP/IP
3. Click OK

Click on Close.

Windows NT may prompt you to restart the system.
After restart, proceed to next step.

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Step 3: Setting Up A Phone Book Entry

1. Double-Click My Computer
2. Double-Click Dial-Up Networking
3. If this is the first entry you will be prompted to make an entry.
4. If you already have a phone book entry, click the 'new' button. There will be five tabs:

Basic Tab

1. Enter 'PSINet' as the Entry Name.
2. The comment line is optional.
3. Enter the telephone number including the area code that you will be dialing to.
4. Dial using -- choose your modem on this line.

Server Tab

1. Dial-up Server Type -- choose 'PPP: Windows NT, Windows 95 Plus, Internet'.
2. Be sure TCP/IP is checked.
3. Be sure that IPX/SPX compatible and NetBEUI are NOT checked.
4. Uncheck 'Enable software compression'.
5. Do NOT check 'Enable PPP LCP extensions'.
6. Click on 'TCP/IP settings...'.
 - Click on 'Server assigned IP address'.
 - Click on 'Server assigned name server addresses'.
 - Uncheck 'Use IP header compression'.
 - Check 'Use default gateway on remote network'.
 - Click OK.

Script Tab

1. Click 'None'

Security Tab

1. Click 'Accept any authentication including clear text'.

X.25 Tab

1. Network should be set to '(none)'.
 2. All other lines should be blank.
5. Click OK.

Step 4: Let's connect to the Internet

Click on Dial:

1. Username should be your Remote Access Account ID.
2. Password should be your password.
3. Leave the Domain line blank.
4. Click OK.

You should now be connected. The dial-up networking monitor should now be on the taskbar. If you do a right click in the icon you will see a list of options including one to disconnect.