

How to setup VPN and NAT on Windows Server 2003

Used with the server will also be the firewall/router/gateway.

Pre-requirement:

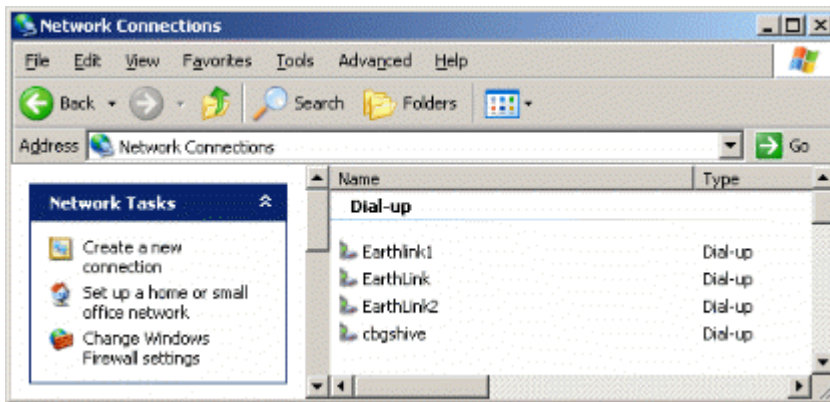
1. Two network interface cards.
2. One static public IP on the outside NIC.
3. One static private IP on the private NIC. Note: remember to enable the inside NIC. Otherwise, the VPN may not work.

Configuration:

1. Go to Routing and Remote Access from Administrative Tools.
2. Right-click the server and then click *Configure and Enable Routing and Remote Access*
3. Click Next on Welcome screen. Select Virtual Private Network [VPN] access and NAT in the Configuration of Routing and Remote Access server setup
4. In VPN Connection screen, select outside NIC which is connecting to the
5. In the IP Address Assignment, you have two options, Automatically and From a specified range address. You may keep the default
6. For *Managing Multiple Remote Access*, select No if you don't have RADIUS.
8. Click when the screen "To support replaying of DHCP message from remote access clients, you must configure the properties of the DHCP Relay Agent with the IP address of your DHCP server".

Setup VPN Client

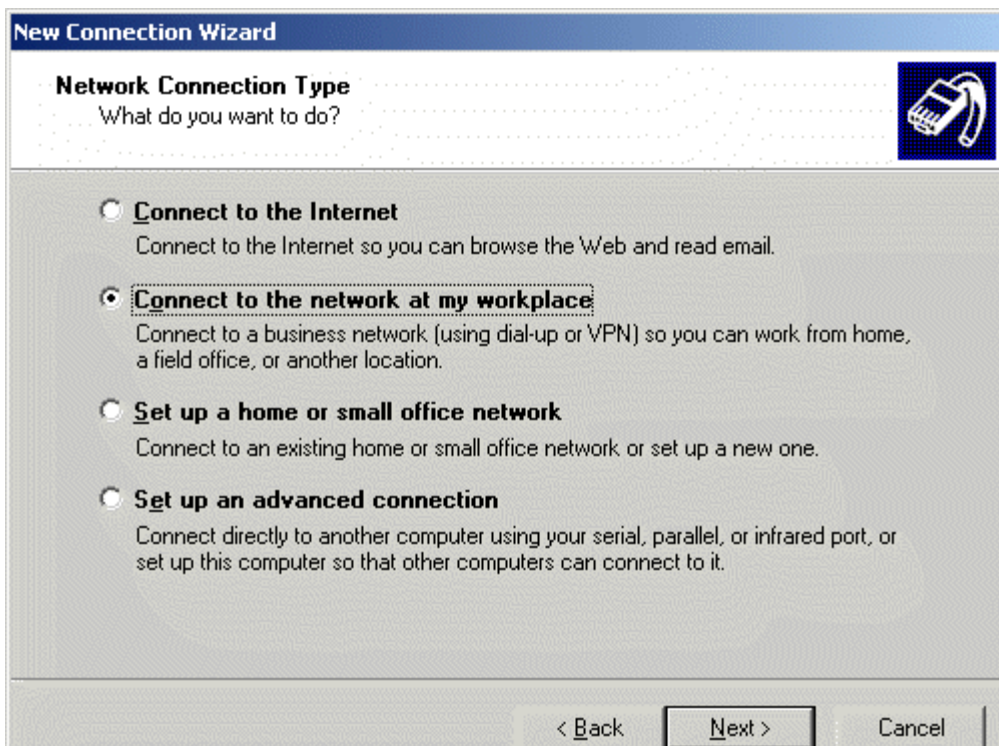
To open the Network Connections folder, click Start, click Control Panel, click Network and Internet Connections, and then double-click Network Connections.



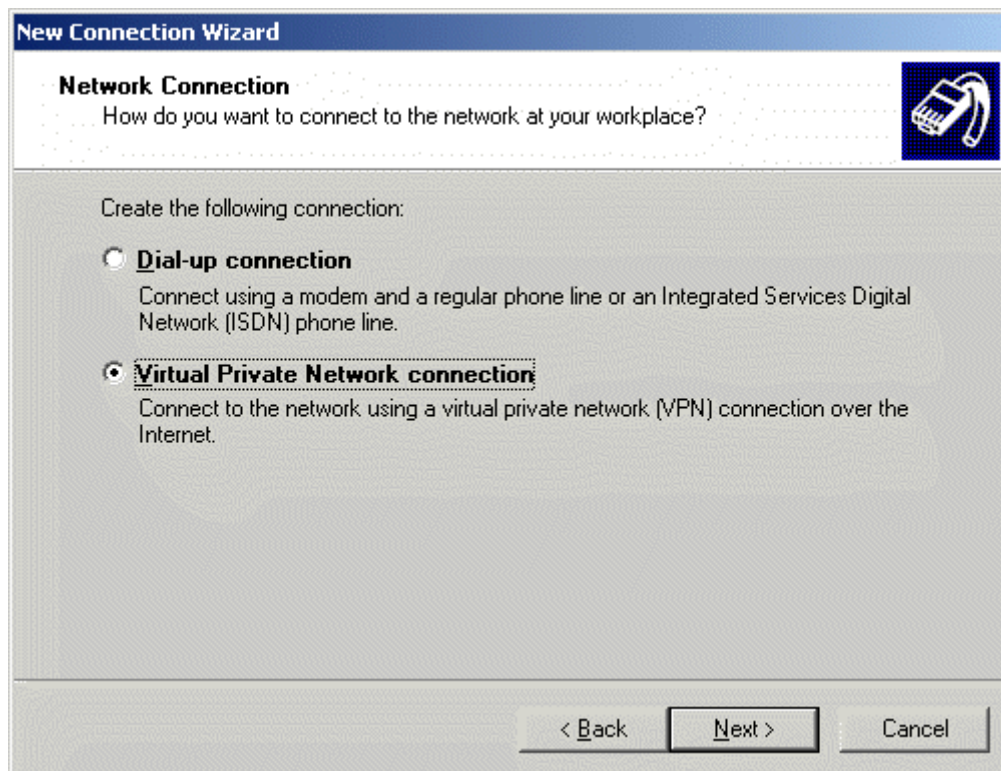
Click Create a new connection, and then click Next.



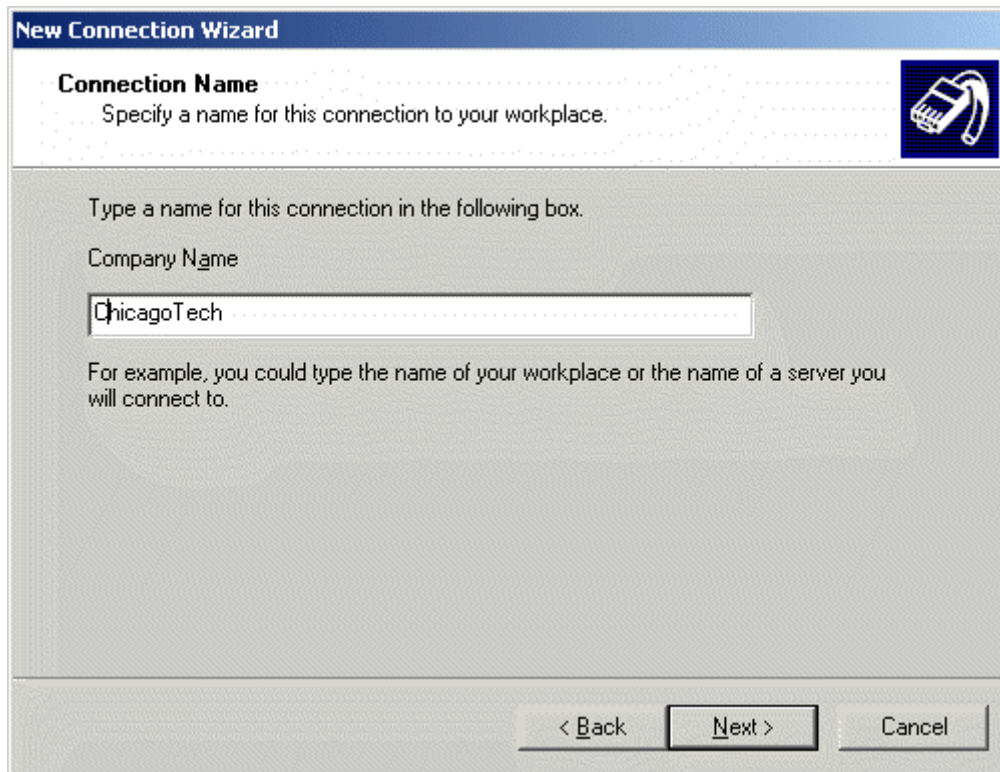
Click Connect to the network at my workplace, and then click Next.



Click Virtual Private Network connection, click Next.



Type a descriptive name for your VPN, and click Next.



New Connection Wizard

Connection Name
Specify a name for this connection to your workplace.

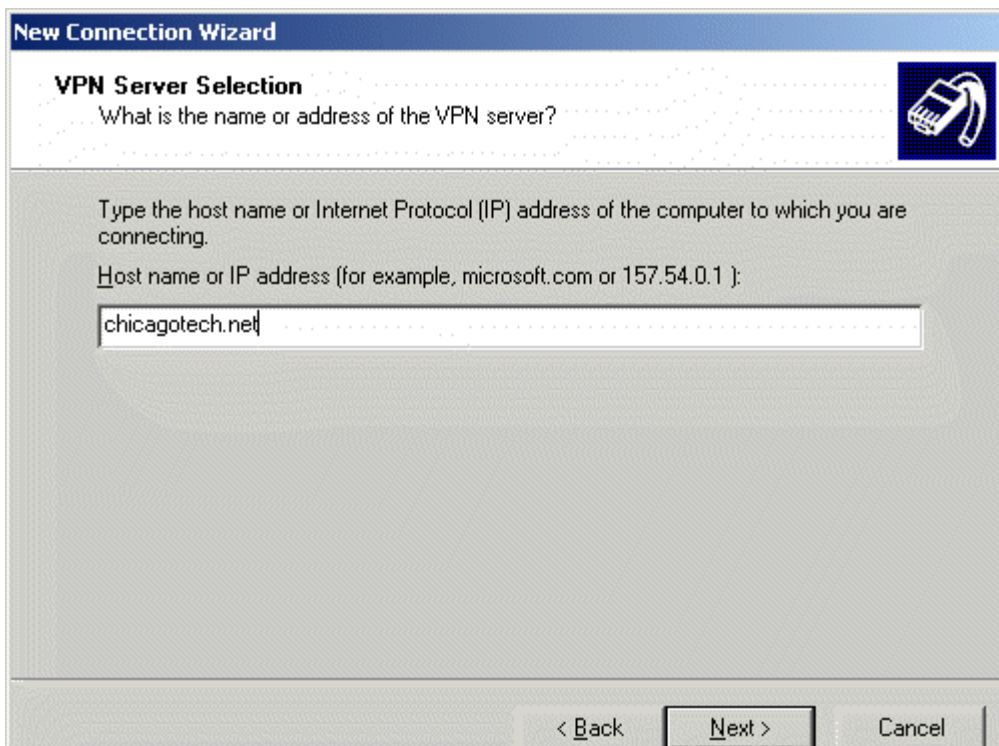
Type a name for this connection in the following box.

Company Name
ChicagoTech

For example, you could type the name of your workplace or the name of a server you will connect to.

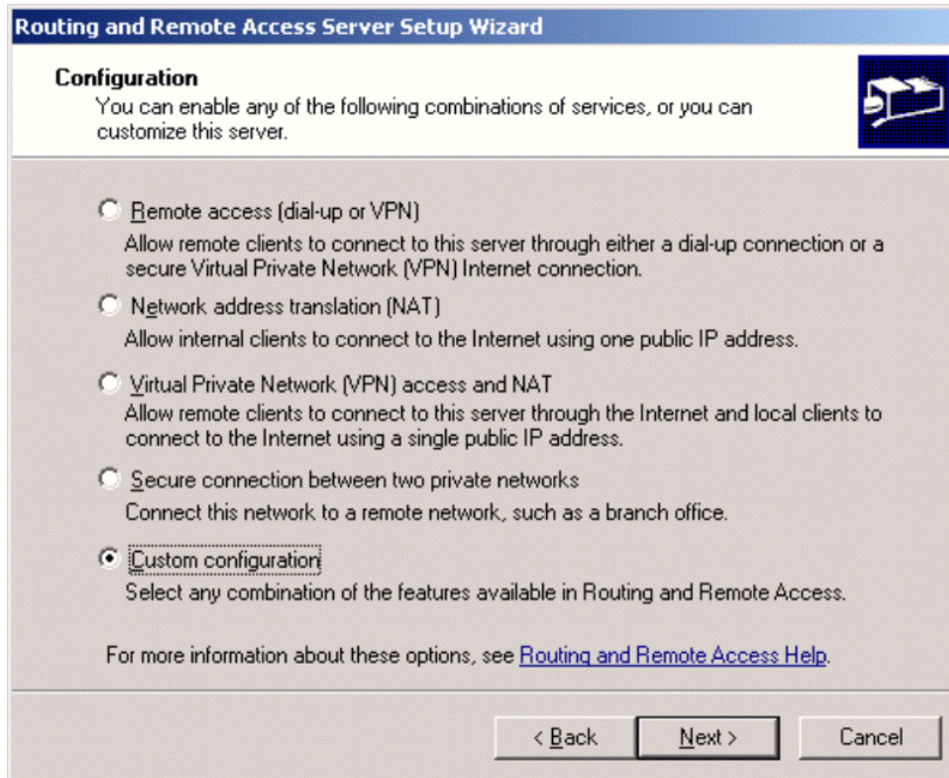
< Back Next > Cancel

Select 'do not dial' (unless by some chance you are using dialup to get to the internet')
Type the IP address of the VPN server to which you are connecting, and then click Next.

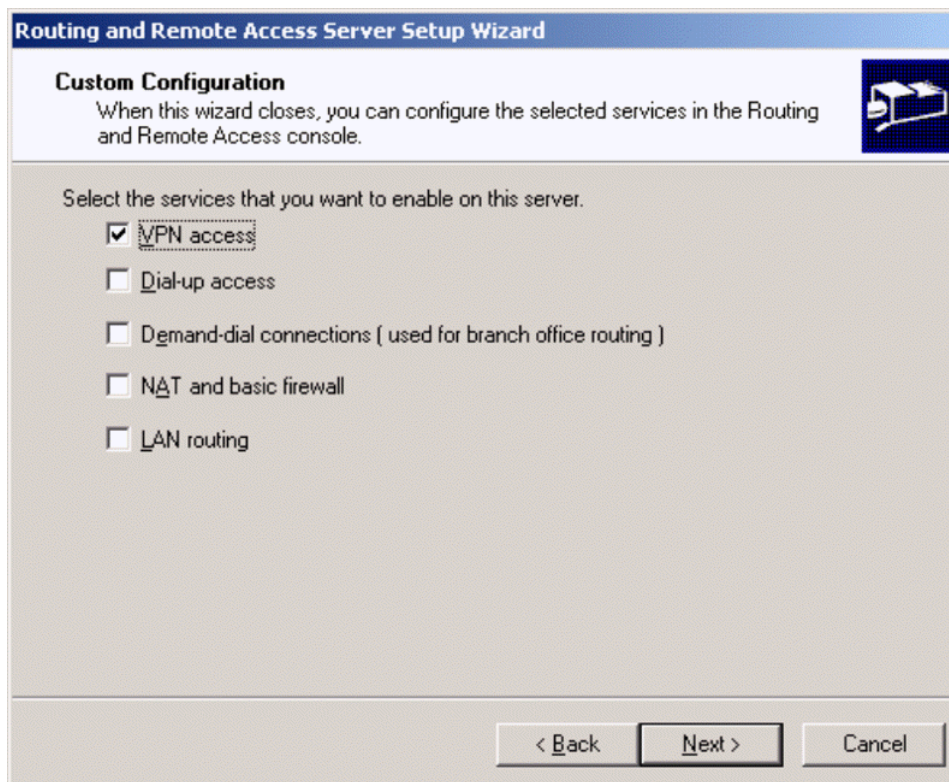


How to setup Windows 2003 as VPN server with one NIC

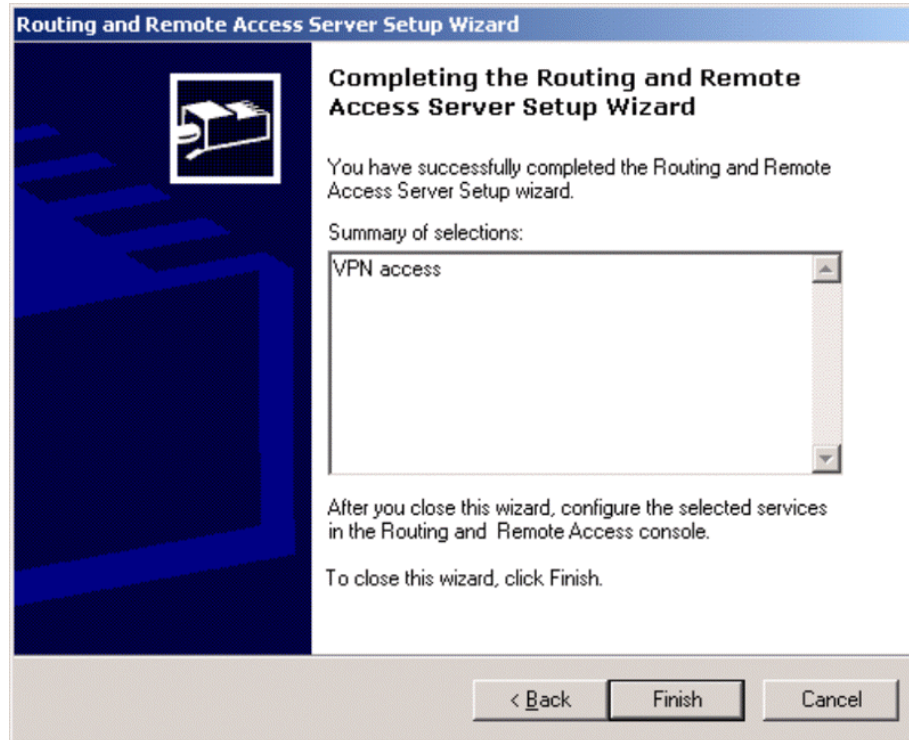
1. Open Routing and Remote Access from Administrative Tools.
2. Right-click on the servername and click Configure and Enable Routing and Remote Access
3. in the Routing and Remote Access Server Setup Wizard, select Custom configuration.



4. Check the VPN access in Custom Configuration.



5. Click Finish to complete the configuration.



Helpful Links

Setup VPN on Server 2003 <http://support.microsoft.com/kb/323441>

Setup Client on XP <http://mobileoffice.about.com/od/connectingtotheoffice/ht/vpnclient.htm>

Setup Client and Server

http://compnetworking.about.com/od/vpnsetup/VPN_Setup_How_to_Set_Up_a_VPN.htm