

Knowledge Base

HOW TO: Configure Clients to Use a Network Address Translation Server in Windows

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The information in this article applies to:

- Microsoft Windows 2000 Server
 - Microsoft Windows 2000 Professional
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SUMMARY

With network address translation (NAT) in Windows 2000, you can configure your home network or small office network to share a single connection to the Internet. This step-by-step guide describes how to configure a computer that is running Windows to use a NAT server.

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Prerequisites and Assumptions

This article assumes that you have a working NAT server and that your client computers have a stable network connection to the NAT server.

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How to Configure a Windows 2000 Professional-Based Workstation to Use a NAT Server

1. On the desktop, right-click **My Network Places**, and then click **Properties**.
2. Right-click **Local Area Connection**.
3. Click **Properties**.
4. Click **Internet Protocol (TCP/IP)**.
5. Click **Properties**.
6. In the **Default gateway** box, type the internal IP address of the NAT server.

NOTE: If your computer receives its IP address from a Dynamic Host Configuration Protocol (DHCP) server, click **Advanced**, click the **IP Settings** tab, click **Add** under **Gateway**, type the internal IP address of your NAT server, click **Add**, and then continue with the next step.

7. Click **OK**.
8. Click **OK**.

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How to Configure a Windows 2000-Based Server to Use a NAT Server

1. On the desktop, right-click **My Network Places**, and then click **Properties**.
2. Right-click **Local Area Connection**.
3. Click **Properties**.
4. Click **Internet Protocol (TCP/IP)**.
5. Click **Properties**.
6. In the **Default gateway** box, type the internal IP address of the NAT server.

NOTE: If your computer receives its IP address from a Dynamic Host Configuration Protocol (DHCP) server, click **Advanced**, click the **IP Settings** tab, click **Add** under **Gateway**, type the internal IP address of your NAT server, click **Add**, and then continue with the next step.

7. Click **OK**.
8. Click **OK**.

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How to Configure a Windows NT 4.0-Based Workstation to Use a NAT Server

1. On the desktop, right-click **Network Neighborhood**, and then click **Properties**.
2. Click the **Protocols** tab.
3. Click **TCP/IP Protocol**.
4. In the **Default gateway** box, type the internal IP address of the NAT server.

NOTE: If your computer receives its IP address from a DHCP server, click **Advanced**, click the **IP Settings** tab, click **Add** under **Gateway**, type the internal IP address of your NAT server, click **Add**, and then continue with the next step.

5. Click **OK**.
6. Click **OK**.

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How to Configure a Windows NT 4.0-Based Server to Use a NAT Server

1. On the desktop, right-click **Network Neighborhood**, and then click **Properties**.
2. Click the **Protocols** tab.
3. Click **TCP/IP Protocol**.
4. In the **Default gateway** box, type the internal IP address of the NAT server.

NOTE: If your computer receives its IP address from a DHCP server, click **Advanced**, click the **IP Settings** tab, click **Add** under **Gateway**, type the internal IP address of your NAT server, click **Add**, and then continue with the next step.

5. Click **OK**.
6. Click **OK**.

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How to Configure a Workstation Running Windows 95, Windows 98, or Windows 98 Second Edition to Use a NAT Server

1. On the desktop, right-click **Network Neighborhood**, and then click **Properties**.
2. Click **TCP/IP -> your network adapter**.
3. Click **Properties**.
4. Click the **Gateway** tab.
5. Under **New Gateway**, type your NAT server's internal IP address.
6. Click **Add**.
7. Click **OK**.
8. Click **OK**.

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