

Knowledge Base

HOW TO: Activate a License Server by Using Terminal Services Licensing in Windows 2000

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The information in this article applies to:

- Microsoft Windows 2000 Server
 - Microsoft Windows 2000 Advanced Server
 - Microsoft Windows 2000 Datacenter Server
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SUMMARY

This article describes how to activate a license server by using Terminal Services licensing.

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Overview

You must activate a license server before it can issue licenses to Terminal Services clients. When you activate a license server, Microsoft provides the server with a digital certificate that validates the server's ownership and identity. By using this certificate, a license server can make subsequent transactions with Microsoft and receive client licenses for your Terminal Services servers. This article describes how to activate Terminal Services Licensing in a Windows 2000 Server or Windows 2000 Advanced server. The Terminal Services Licensing component must already be installed on the server.

You can activate a license server by using any of four different methods:

- With the Internet
- With the World Wide Web
- With a fax
- With the telephone

Each of these methods requires starting the console in the Terminal Services Licensing window. To start the console, click **Start**, point to **Programs**, point to **Administrative Tools**, point to **Terminal Services Items**, and then click **Terminal Services Licensing**.

If you cannot locate Administrative Tools by using the previous steps, use this procedure to locate Terminal Services Licensing in Control Panel:

1. Click **Start**, point to **Settings**, and then click **Control Panel**.
2. Click **Administrative Tools**.
3. Click **Terminal Service Items**.
4. Double-click **Terminal Services Licensing**.

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Activating a License Server with the Internet

1. Open the Licensing Terminal Services window.
2. In the console tree, right-click the license server you want to activate, and then click **Activate Server** to start the Licensing Wizard.
3. In **Connection method**, click **Internet**, and then click **Next**.
4. In **Licensing Program**, click the program under which you purchased licenses, and then click **Next**.
5. On the next several pages, provide the required information for Microsoft to send you the server activation PIN, and then click **Next**. Your license server information is sent to Microsoft. After your request is processed, Microsoft sends an e-mail message that contains your server activation PIN.
6. In **Completing the Process**, choose whether you want to complete the process immediately, postpone completion until your PIN arrives, or restart the activation process, and then click **Next**.
7. In **Activation PIN**, type the PIN you received from Microsoft, and then click **Next**. Your license server is activated by using a digitally signed certificate. Use one of the following steps:
 - To install client license key packs for your license server now, click **Next**.
 - To install key packs at a later time, clear the **Install licenses now** check box, and then click **Finish**.

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Activating a License Server with the World Wide Web

1. Start Terminal Services Licensing.
2. In the console tree, right-click the license server you want to activate, and then click **Activate Server** to start the Licensing Wizard.

3. In **Connection method**, click **World Wide Web**, and then click **Next**.
4. Connect to the Terminal Services Web site that is shown. You can connect to this site from any computer with Internet access. After you provide the required information, you receive your license server ID.
5. In **License Server Activation**, type the license server ID in the appropriate location, and then click **Next**. Your license server is activated. Use one of the following steps:
 - o To install client license key packs for your license server now, click **Next**.
 - o To install key packs at a later time, clear the **Install licenses now** check box, and then click **Finish**.

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Activating a License Server with a Fax

1. Start Terminal Services Licensing.
2. In the console tree, right-click the license server you want to activate, and then click **Activate Server** to start the Licensing Wizard.
3. In **Connection method**, click **Fax**, and then click **Next**.
4. In **Country/Region Selection**, click your country or region, and then click **Next**.
5. On the next few pages, type the required information to activate your license server. You have the option to install client license key packs for your license server at the same time you activate the server.
6. Click **Print** to print the completed activation request form and fax it to Microsoft by using the fax number shown on the form. Microsoft will send you a fax containing the license server ID to complete the process.
7. Type the license server ID in the space provided in the "License Server Activation" screen, and then click **Next**. Your license server is activated.

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Activating a License Server with the Telephone

1. Start Terminal Services Licensing.
2. In the console tree, right-click the license server you want to activate, and then click **Activate Server** to start the Licensing Wizard.
3. In **Connection method**, click **Telephone**, and then click **Next**.
4. In **Country/Region Selection**, click your country or region, and then click **Next** to display the appropriate telephone number to call.
5. Call the Customer Support Center (CSC) and give your product ID number as shown in License Server settings to the representative. You will also be required to provide your name, the name of your organization, and the type of licensing program you are using. The CSC processes your request to activate the license server, and creates a unique ID for your license server.
6. Type the license server ID that is provided by the representative in the space that provided, and then click **Next**. Your license server is activated. Use one of the following steps:
 - o To install client license key packs for your license server now, click **Next**.
 - o To install key packs at a later time, clear the **Install licenses now** check box, and then click **Finish**.

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Troubleshooting

- After a license server is activated, it becomes the registrar for Terminal Services client licenses. While you are waiting to complete the activation process, your license server can issue temporary licenses for clients that allow the use of Terminal Services servers for up to 90 days.
- Verify that the e-mail address you provide is valid.
- You can change Licensing Wizard properties, such as the connection method and company information that you set during the activation process, at a later time.

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REFERENCES

For additional information about how to connect client computers to a Terminal Services server, click the following article numbers to view the articles in the Microsoft Knowledge Base:

[306566](#) HOW TO: Connect Clients to Terminal Services By Using a Terminal Services Client in Windows 2000

For additional information about how to activate a license server and install clients over the Internet, click the article number below to view the article in the Microsoft Knowledge Base:

[237811](#) How to Activate a Terminal Services License Server and Install CALs Over the Internet

For additional information about how to secure the connection between a client and a server, click the following article number to view the article in the Microsoft Knowledge Base:

[306561](#) HOW TO: Secure Communication Between a Client and Server with Terminal Services

[306573](#) How to Connect Clients to Terminal Services Using Client Connection Manager

For additional information about how to deactivate or reactivate a license server, click the following article number to view the article in the Microsoft Knowledge Base:

[306578](#) HOW TO: Deactivate or Reactivate a License Server Using Terminal Services Licensing

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