

32-bit Terminal Services Client Overview

With the 32-bit Terminal Services Client you can access a server running Terminal Services and do any of the following:

- Connect to Terminal Services.
- Check the Terminal Services Client number.
- Use short cut keys
- Cut and paste from the Terminal Services Client window into an application running locally.
- Print to your local printer from applications running on the Terminal server.
- Cut and paste from the Terminal Services Client window into an application running locally.
- Print to your local printer from applications running on the Terminal server.
- Disconnect without ending a session.
- Disconnect and end a session.

Note

- Once connected to Terminal Services, additional help is available on the server. Click **Start** and then click **Help**. In the table of contents, click **Client Services** and then click **Terminal Services**.

To disconnect without ending a session

- 1 In the Terminal Services Client window, click **Start** and then click **Shut Down**. The **Shut Down Windows** dialog box appears.
- 2 In **What do you want the computer to do?** select **Disconnect**.

Note

- The Terminal Services Client reconnects to this session the next time you connect to this server (if the connection is configured for the reconnection of disconnected sessions).

To check the Terminal Services Client version

- 1 Click **Start**, point to **Programs**, point to **Terminal Services Client**, and click **Terminal Services Client**.
- 2 Click **About**.

To log off and end a session

- 1 In the Terminal Services Client window, click **Start** and then click **Shut Down**. The **Shut Down Windows** dialog box appears.
- 2 In **What do you want the computer to do?** select **Log off**.

To connect to Terminal Services

- 1 Click **Start**, point to **Programs**, point to **Terminal Services Client**, and click **Terminal Services Client**.
- 2 In **Server**, type a Terminal server name or TCP/IP address or select a server from the list of **Available servers**.
- 3 In **Screen area**, select the screen resolution for the Terminal server window.
- 4 If you are connecting using a modem or a slow network, click **Use data compression**.
- 5 If you would like to have commonly used bitmaps stored on your local hard drive, select **Cache bitmaps to disk**.
- 6 Click **Connect**.
- 7 The **Log On to Windows** dialog box will appear within the Terminal Services Client window.
- 8 Type your user name, password, and domain (if required).

See Also

[Selecting a Server Name](#)

Notes

- If you previously disconnected from a Terminal server without ending the session, the Terminal Services Client reconnects to that session (if the connection is configured for the reconnection of disconnected sessions).

To use shortcut keys

The following shortcut keys are available from a Terminal Services Client:

- CTRL+ALT+END opens the **Windows Security** dialog box.
- ALT+PAGE UP switches between programs from left to right.
- ALT+PAGE DOWN switches between programs from right to left.
- ALT+INSERT cycles through the programs in the order they were started.
- ALT+HOME displays the **Start** menu.
- CTRL+ALT+BREAK switches the client between a window (if applicable) and a full screen.
- ALT+DELETE displays the window's pop-up menu.
- CTRL+ALT+Minus (-) symbol on the numeric keypad places a snapshot of the active window, within the client, on the Terminal server clipboard (provides the same functionality as pressing ALT+PrintScrn on a local computer.)
- CTRL+ALT+Plus (+) symbol on the numeric keypad places a snapshot of the entire client window area on the Terminal server clipboard (provides the same functionality as pressing PrintScrn on a local computer.)

Notes

- On an NEC98 computer, these are different in two cases:
 - CTRL+ALT+BREAK is replaced by F12.
 - The CTRL+ALT+END is replaced by F15.

To close the client

You have the option of disconnecting with or without ending the session.

Disconnecting without ending the session reconnects to this session the next time you connect to this Terminal server (if the connection is configured for the reconnection of disconnected sessions). Logging off ends the session and the next time you log on, a new session will be started.

See Also

[To disconnect without ending a session](#)

[To log off and end a session](#)

To cut and paste from the client window into an application running locally

Terminal Services provides seamless clipboard sharing, making clipboard contents available to applications locally on a user computer and within a Terminal Services session.

The shared clipboard synchronizes its contents with the local clipboard and can be viewed using the Windows Clipboard Viewer (clipbrd.exe). You can copy and paste text or graphics from a document within the client window, and paste it into a document on your local machine. You cannot, however, copy and paste files and folders.

When you cut or copy information from an application, it is moved to the Clipboard and remains there until you clear the Clipboard or until you cut or copy another piece of information. The Clipboard window in ClipBook Viewer shows the contents of the Clipboard. You can paste the information from the Clipboard into any document as often as you like. However, the information is only stored on the Clipboard temporarily.

To print to your local printer from applications running on the Terminal server

Terminal Services provides printer redirection which routes printing jobs from the Terminal server to a printer attached to your local computer. There are 2 ways to provide access to local printers: automatic and manual printer redirection. Use manual redirection when your local printer requires a driver that is not available on Windows 2000 Server.

Automatic printer redirection

Printer redirection is automatic when the local printer uses a driver that is installed on the Windows 2000 server. When you log on to a session on the Terminal server, any local printers attached to LPT, COM and USB ports that are installed on the client computer are automatically detected and a local queue is created on the server. The client computer printer settings for the default printer and some properties (such as printing on both sides of the page) are used by the server.

When a client disconnects or ends the session, the printer queue is deleted and any incomplete or pending print jobs are lost. Information about the clients local printers and settings are saved on the client computer. On subsequent logons, the printer queue is created using the information stored on the client computer.

If a printer driver is not found on the server, an event is logged and the client printer is not created. To make the printer available, the driver must be manually installed on the server.

Manual printer redirection

Printers attached to LPT and COM ports on the clients local computer can be manually redirected, although manual redirection of printers connected through USB ports is not supported.

To manually redirect a client printer, contact your administrator and provide the name of your computer (or IP address for a Windows-based Terminal). The client must be connected to the Terminal server during manual redirection.

After the initial manual redirection, printers will be automatically redirected during subsequent logons.

Notes

- Redirected printers are available for use with applications running on the server. Redirected printers appear in the Printers folder in Control Panel and are named in this format: Client Printer Name/Client Computer Name/Session Number.
- When you disconnect or log off from a session, the printer queue is deleted and incomplete or pending print jobs are lost.

Selecting a Server Name

To choose a server, you may either type in the server name or TCP/IP address, or select a server from the list.

A server name can have as many as 15 characters and cannot contain tabs, spaces, or any of the following characters:

; : " < > * + = | ? ,

See Also

[Connecting to Terminal Services](#)

