

REMOTE ACCESS WITH MICROSOFT'S "REMOTE DESKTOP PROTOCOL" IN "WINDOWS 10.." OR "WINDOWS 11.."

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SUMMARY

Using Microsoft's bundled "Remote Desktop Protocol", you can use one "Windows.." computer on your Local Area Network to take control of another one.

TOPICS

- Demonstration of Microsoft's "Remote Desktop Protocol" Remote Control
- Features of "Remote Desktop Protocol"
- Steps for Using "Remote Desktop Protocol"
- If The Bottom Half of the Taskbar of the Remote Computer Is Not Shown

DEMONSTRATION OF MICROSOFT'S "REMOTE DESKTOP PROTOCOL"

- Using a "Windows 10 Home", "Windows 10 Pro", "Windows 11 Home", or "Windows 11 Pro" computer to take control of a **"Windows 10 Pro" computer**

Existing Router

Your Local Computer

Remote Computer

Windows 10/11
Home/Pro

"Remote
Desktop
Connection"
in "Windows
Accessories"

Windows 10/11
Pro
(not Home)

"Enable
Remote
Desktop"
in
"Settings"



FEATURES OF "REMOTE DESKTOP" REMOTE CONTROL

- "Remote Desktop Connection" viewer app is available in all versions of "Windows 10.." and "Windows 11.."
- "Remote Desktop" (server) is only available in "Pro" and "Enterprise" versions of "Windows 10.." and "Windows 11.."

FEATURES OF "REMOTE DESKTOP" REMOTE CONTROL (continued)

- For the remote "Remote Desktop" (server) computer, an upgrade from "Windows 10/11 Home" to "Windows 10/11 Pro" is required for most computer owners (and this is an expensive upgrade relative to using "VNC" which does not require such an upgrade)

FEATURES OF "REMOTE DESKTOP" REMOTE CONTROL (continued)

- No remote camera microphone audio is transmitted to the user
- Remote login connection logs out the local "desktop" of the target computer

FEATURES OF "REMOTE DESKTOP" REMOTE CONTROL (continued)

- Only one computer user can log into a single "RD" server with the monitor screen of the RD" server logged off when any "RDC" viewer logs into the "RD" server

STEPS FOR USING MICROSOFT'S "REMOTE DESTOP"

- **BIG STEP 100:**
Activate the "RDC server" app in the remote computer
- **BIG STEP 200:**
Use the "Remote Desktop Connection" app in the local computer

BIG STEP 100: ACTIVATE THE "RD SERVER" APP IN THE REMOTE COMPUTER

- Step 101:
Click on the "Start" button of the "Windows 10/11 Pro" computer

BIG STEP 100: ACTIVATE THE "RD SERVER" APP IN THE REMOTE COMPUTER (continued)

- Step 102:
Click on "Settings" in the "Start menu"

BIG STEP 100: ACTIVATE THE "RD SERVER" APP IN THE REMOTE COMPUTER (continued)

- Step 103:
Type "remote" in the Search box inside the "Settings" window

BIG STEP 100: ACTIVATE THE "RD SERVER" APP IN THE REMOTE COMPUTER (continued)

- Step 104:
Click on "Allow remote connections to this computer"

BIG STEP 100: ACTIVATE THE "RD SERVER" APP IN THE REMOTE COMPUTER (continued)

- Step 105:
Click on "Show settings" in the "Remote Desktop" section

BIG STEP 100: ACTIVATE THE "RD SERVER" APP IN THE REMOTE COMPUTER (continued)

- Step 106:
In the "Remote" tab of the "System Properties" dialog box, select "Allow remote connections to this computer".

BIG STEP 100: ACTIVATE THE "RD SERVER" APP IN THE REMOTE COMPUTER (continued)

- Step 107:
Click on the Apply button of the "System Properties" dialog box

BIG STEP 100: ACTIVATE THE "RD SERVER" APP IN THE REMOTE COMPUTER (continued)

- Step 108:
Click on the OK button of the "System Properties" dialog box

BIG STEP 100: ACTIVATE THE "RD SERVER" APP IN THE REMOTE COMPUTER (continued)

- Step 109:
Use the RIGHT mouse button to click on the "Start" button

BIG STEP 100: ACTIVATE THE "RD SERVER" APP IN THE REMOTE COMPUTER (continued)

- Step 110:
In the pop-up menu, click on "Windows Powershell"

BIG STEP 100: ACTIVATE THE "RD SERVER" APP IN THE REMOTE COMPUTER (continued)

- Step 111:
Click on "Yes" in the "User
Account Control" dialog box

BIG STEP 100: ACTIVATE THE "RD SERVER" APP IN THE REMOTE COMPUTER (continued)

- Step 112:
Inside the "Windows Powershell" window, type in
ipconfig

BIG STEP 100: ACTIVATE THE "RD SERVER" APP IN THE REMOTE COMPUTER (continued)

- Step 113:
Press the Enter key of the
keyboard

BIG STEP 100: ACTIVATE THE "RD SERVER" APP IN THE REMOTE COMPUTER (continued)

- Step 114:
Use
ipconfig
inside a command prompt window or a Powershell window to locate the "IPv4 Address" of the "Ethernet adapter.." or the "Wireless LAN adapter.." and write this address down on a piece of paper

BIG STEP 100: ACTIVATE THE "RD SERVER" APP IN THE REMOTE COMPUTER (continued)

- Step 115:
Close the "Windows Powershell" window by clicking on the "X" in the upper-right corner.

**BIG STEP 200:
USE THE "REMOTE DESKTOP
CONNECTION" APP IN THE LOCAL
COMPUTER (continued)**

- **Step 201: Go to the local "Windows 10.." computer, the computer that you will be using to control the remote computer**

**BIG STEP 200:
USE THE "REMOTE DESKTOP
CONNECTION" APP IN THE LOCAL
COMPUTER (continued)**

- **Step 202: Use the left mouse button to click on the "Start" button**

**BIG STEP 200:
USE THE "REMOTE DESKTOP
CONNECTION" APP IN THE LOCAL
COMPUTER (continued)**

- **Step 203: Use the left mouse button to click on the "Start" button**

**BIG STEP 200:
USE THE "REMOTE DESKTOP
CONNECTION" APP IN THE LOCAL
COMPUTER (continued)**

- **Step 204: Locate "Windows Accessories" in the "Start menu" and click on it**

**BIG STEP 200:
USE THE "REMOTE DESKTOP
CONNECTION" APP IN THE LOCAL
COMPUTER (continued)**

- **Step 205: Locate "Remote Desktop Connection" and click on it**

**BIG STEP 200:
USE THE "REMOTE DESKTOP
CONNECTION" APP IN THE LOCAL
COMPUTER (continued)**

- **Step 206: A "Remote Desktop Connection" dialog box will be displayed**

**BIG STEP 200:
USE THE "REMOTE DESKTOP
CONNECTION" APP IN THE LOCAL
COMPUTER (continued)**

- **Step 207: Inside the "Computer" box, type in the IP address that you obtained in Step 114**

**BIG STEP 200:
USE THE "REMOTE DESKTOP
CONNECTION" APP IN THE LOCAL
COMPUTER (continued)**

- **Step 208: Click on the "Connect" button**

**BIG STEP 200:
USE THE "REMOTE DESKTOP
CONNECTION" APP IN THE LOCAL
COMPUTER (continued)**

- **Step 209: Click on the "Connect" button again**

**BIG STEP 200:
USE THE "REMOTE DESKTOP
CONNECTION" APP IN THE LOCAL
COMPUTER (continued)**

- **Step 210: Click on the "Yes" button**

**BIG STEP 200:
USE THE "REMOTE DESKTOP
CONNECTION" APP IN THE LOCAL
COMPUTER (continued)**

- **Step 211: A "Remote Desktop Connection" window will be displayed. Use this window to control the remote computer.**

IF THE BOTTOM HALF OF THE TASKBAR OF THE REMOTE COMPUTER IS NOT SHOWN

- Step 1: Use the RIGHT mouse button to click in unused space on the Taskbar of the remote computer

IF THE BOTTOM HALF OF THE TASKBAR
OF THE REMOTE COMPUTER IS NOT
SHOWN (continued)

- Step 2: A pop-up context menu will be displayed

IF THE BOTTOM HALF OF THE TASKBAR
OF THE REMOTE COMPUTER IS NOT
SHOWN (continued)

- Step 3: Click on "Taskbar settings"
in the pop-up context menu

IF THE BOTTOM HALF OF THE TASKBAR OF THE REMOTE COMPUTER IS NOT SHOWN (continued)

- Step 4: Turn on "Use small taskbar buttons"

IF THE BOTTOM HALF OF THE TASKBAR OF THE REMOTE COMPUTER IS NOT SHOWN (continued)

- Step 5: Turn off "Use small taskbar buttons"

IF THE BOTTOM HALF OF THE TASKBAR OF THE REMOTE COMPUTER IS NOT SHOWN (continued)

- Step 6: Close the "Settings" box by clicking on the "X" button on the upper-right corner of the "Settings" box
- The Taskbar of the remote computer will now have the full-sized height