Cleveland State University

OPENVPN™
The open source VPN

Viking VPN Guide

Mac OSX RDP Usage

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1 : What is RDP?

What is RDP?
RDP is Microsoft's proprietary protocol for remote control.

Is it secure?
RDP uses encryption, but it is less secure than using it over a VPN. Using the VPN provides additional encryption as well as eliminating the ability of random users on the Internet to connect to your PC.

How is the performance?
RDP is optimized for low-bandwidth connections, and works very well on most any broadband connection (cable or DSL). High latency connections (such as a 3G wireless modem) work, but with reduced performance.

Can I use my printer?
Yes, remote printer direction is supported.

Can I share files?
Yes, you can connect your local drives (the ones on your home PC) so they are visible on your remote (work) PC.

Think of something we forgot to put here? Let us know! ... email "security@csuohio.edu" with questions.

Every Windows version beginning with Windows XP includes an installed Remote Desktop Connection client. With Remote Desktop Connection, you can access a computer running Windows from another computer running Windows that is connected to the Internet. For example, you can use all of your work computer's programs, files, and network resources from your home computer, and it's just like you're sitting in front of your computer at work.

To connect to a remote computer (your CSU PC), that computer must be turned on, it must have a network connection, Remote Desktop must be enabled, and you must have network access to the remote computer (this could be through the Internet).
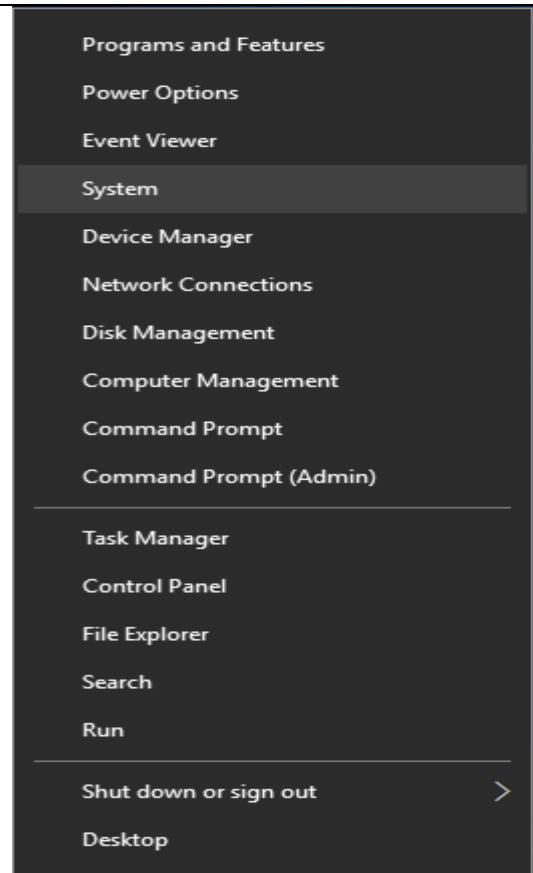
Step 1

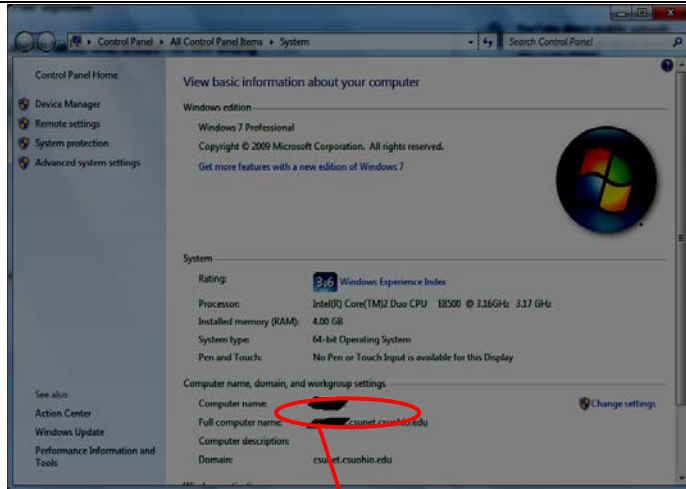| Windows 7	Windows 10
To enable the Remote Desktop Connection on your remote computer (CSU PC), right click on the 'My Computer' icon on your desktop. Click on 'Properties'	Right click the windows icon in the start menu. (Bottom left corner). Then select system

Step 2

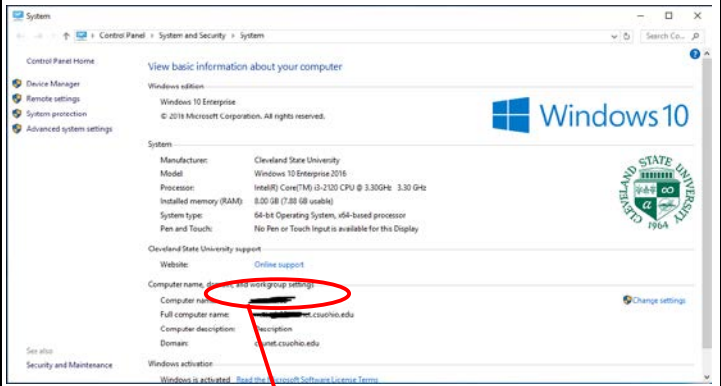| Windows 7	Windows 10
The 'System' dialog box will open. Copy the Full computer name for use later on.	The 'System' dialog box will open. Copy the Full computer name for use later on.

Note your Computer Name

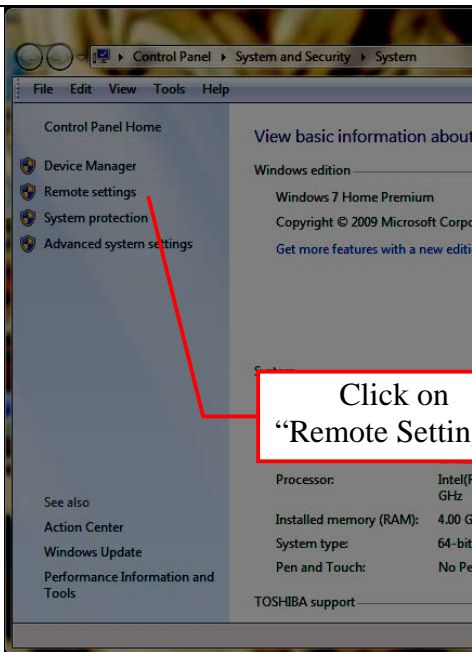Note your Computer Name
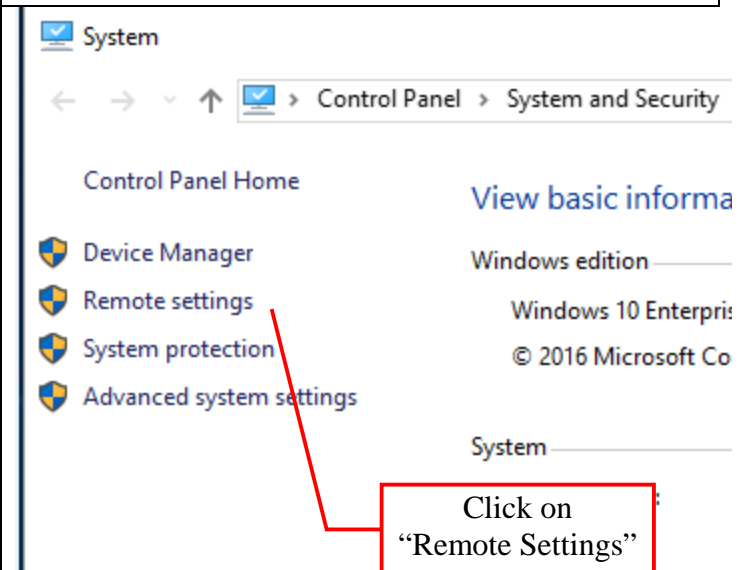
Step 3

Windows 7	Windows 10
Click on 'Remote settings'.	Click on 'Remote settings'.

Click on "Remote Settings"

Click on "Remote Settings"

Step 4
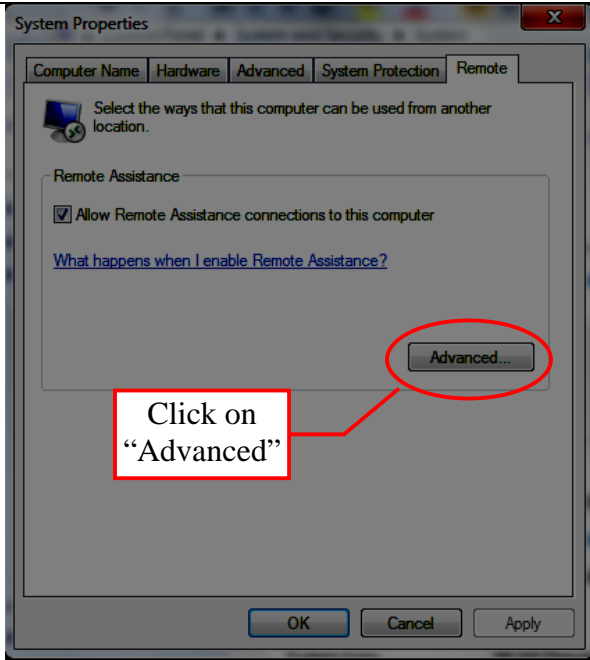
Windows 7	Windows 10
Click on the 'Advanced' button.	Click on the 'Advanced' button.
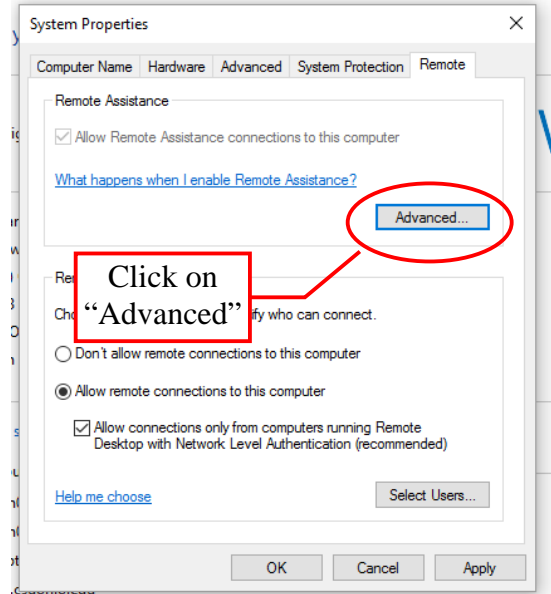
Step 6

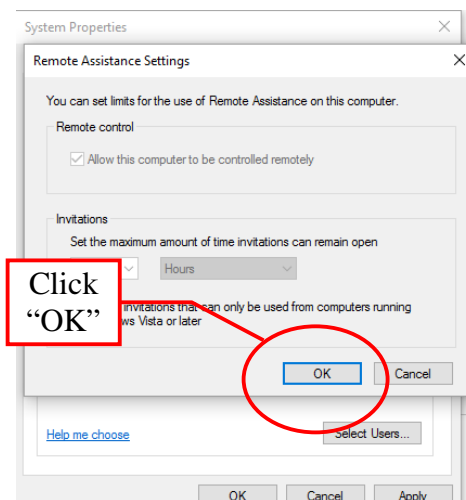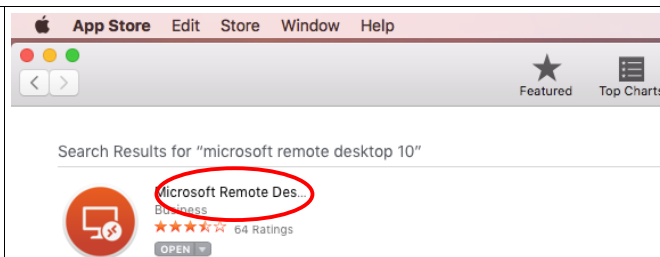| Windows 7	Windows 10
Click on the 'Allow this computer to be controlled remotely' checkbox. Then click on 'OK'.	Make sure the 'Remote Control' box is checked. Then click 'OK'.
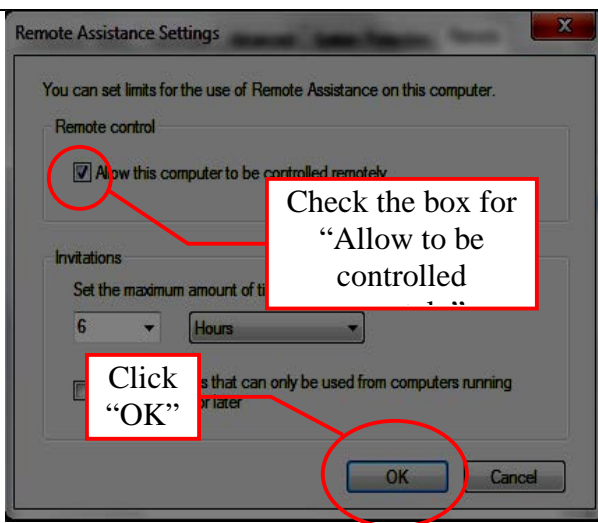
3 : Installing the RDP client on your Home Mac

Mac OSX does not ship with a client for Microsoft Remote Desktop (RDP) by default. These programs are available free of charge from Microsoft.
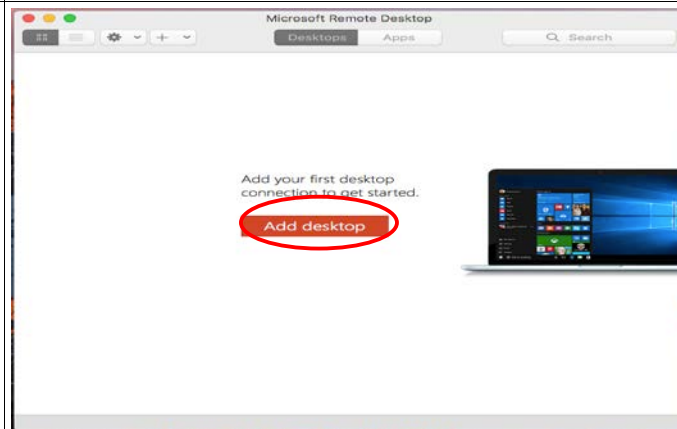
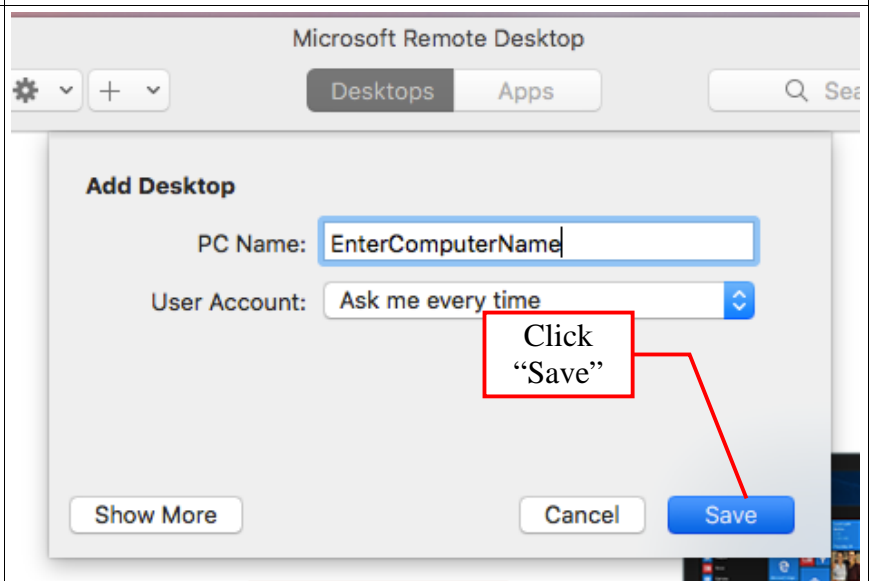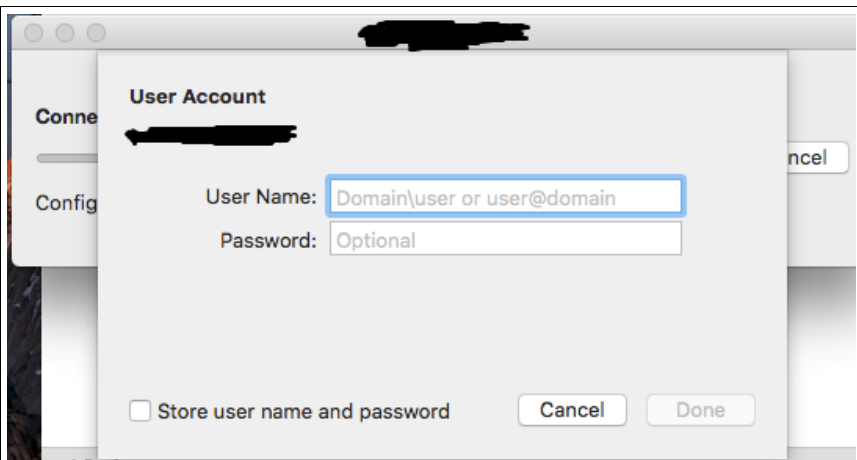|	
Step 1 On your Mac, got to the app store and search for "Microsoft Remote Desktop 10" and download it.	
Step 2 Open the application and click add desktop.	
Step 3 Enter the computer name that we noted from above.	

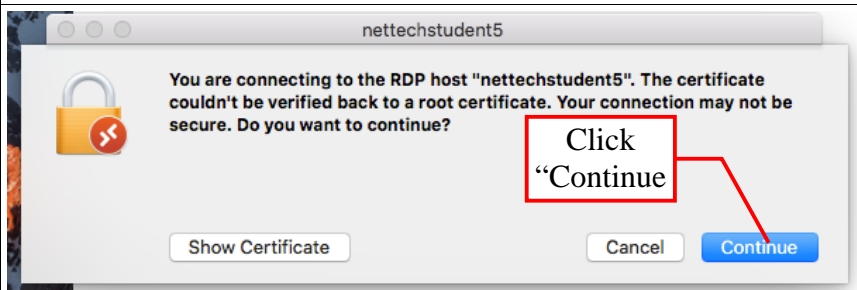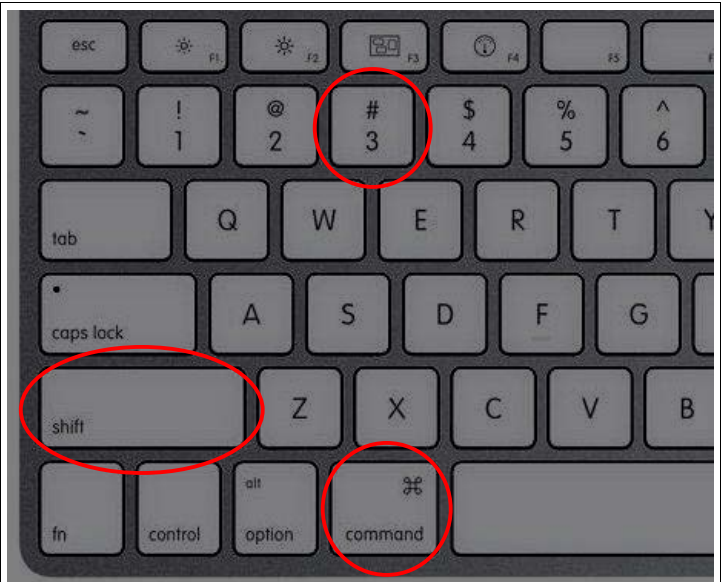|	
Step 4 A pop up will appear asking for your CSU username and password.	
Step 5 A warning will pop up, click "Continue". You should be successfully connected to your work computer.	

5 : Reporting Errors

Sometimes things just never work quite like the instructions say they do .. it's okay, we're here to help.

The IS&T helpdesk can resolve many problems (passwords, etc.) over the phone by calling (216) 687-5050, however gathering additional information about exactly what's broken is helpful.

The best way to show us what's not working is to take a "screen shot" of the error message you're getting, or where you're getting stuck during the installation, configuration, or use of the RDP client. To do this, use the key combination : "Apple"+"Shift"+"3"	
After doing the above, a screen capture will be automatically saved to your Desktop. The file will be named "Screenshot (date).png" where date is the current date/time. Email us the picture of what's broken at : security@csuohio.edu. Please do your best to describe the circumstances surrounding the error.	