OMRF Helpdesk

Working Remotely: Accessing your work Mac computer from a home Windows 10 computer

This tutorial will help you set up a VPN to the OMRF network and Remote Desktop so you can access your work system from offsite. These instructions are for using a Windows 10 computer to connect to a Mac computer.

You will need:

- Internet Access
- Your work computer's hostname
- Your OMRF login credentials

Setup steps:

On your OMRF system

- A. Turn on Screen Sharing
 - 1. Open System Preferences
 - 2. Open the **Sharing** preferences pane
 - 3. Check the "Screen Sharing" checkbox
 - 4. For "Allow access for:" select the "Only these users:" option.
 - 5. Click the "+" button near the bottom of the window to open the user chooser panel.
 - Click on your username and then click "Select"
 - 7. At the top of the window, click the "**Edit...**" button



- 8. Take note of the Local Hostname and then click cancel. You will use this local hostname to connect to your computer. (For this example, the hostname is md12345-123)
- B. Disable sleep
 - 1. Open System Preferences
 - 2. Open the Energy Saver preferences pane
 - 3. Check the checkbox next to "Prevent computer from sleeping automatically when the display is off"

On your home system

- A. Download and install Pulse Secure.
 - 1. Go to https://www.dropbox.com/sh/nl18d36h19i543q/AAABJDdm58R1YW5vn03V6Qwqa
 - Click on "PulseSecure.x64.msi" if your home computer has a 64-bit processor, or "PulseSecure.x86.msi" if it has a 32-bit processor.
 - 3. Run the Junos Pulse installer and install with the default settings.
 - 4. Open **Pulse Secure** by hitting the Windows key, typing "**pulse**" and selecting "**Pulse Secure**". You can also launch the application by clicking its icon in the system tray
 - 5. When Pulse opens click the "+" next to connections to add a new connection. You can name the connection whatever you like but the server URL must be connect.omrf.org.
 - 6. Click "Add" to add the connection.

- B. Download and Install VNC Viewer
 - 1. Open a browser to the following website: <u>https://www.realvnc.com/en/connect/</u> <u>download/viewer/windows/</u>
 - Click the blue "Download VNC Viewer" button
 - 3. Run the installer, accept the license agreement.
 - 4. Click the red X next to "Desktop Shortcut" and select "Entire feature will be installed on local hard drive".
 - 5. Click "Next", "Install", "Yes", and "Finish".
- C. Create the VNC Connection
 - 1. Open the **VNC Viewer** shortcut that was created on the Desktop.
 - 2. Click the File menu, then "New Connection..."
 - In the VNC Server field, enter the system name of your Mac followed by .omrf.hsc.net.ou.edu For example:

md12345-123.omrf.hsc.net.ou.edu

4. Click OK

ustom Setup				
Select the way you	ı want features to be instal	led.		V
Click the icons in t	he tree below to change th	e way features	will be installed.	
VNC View	er Ip Shortcut	Create	a VNC Viewer de	esktop icon
⇒ Will b	e installed on local hard	l drive		
🔊 Entire	feature will be installed	l on local hard	drive	
× Entire	feature will be unavaila	ble	Ok	(B on your
				Browse

Properties				-		×
General Option	s Expert					
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VNC Server:	IP address or	hostname				
Name:	Friendly ider	ntifier				
Labels						
To nest lab	els, separate	names with a fo	rward slas	h (/)		
Enter a lab	el name, or p	ress Down to ap	ply existir	ng labels		
Security						
Encryption:	Let VNC	Server choose			\sim	
Authent	cate using si	ngle sign-on (S	50) if pos	ible		
Authent	cate using a	smartcard or ce	rtificate st	ore if possib	le	
Privacy	lesktop prev	iew automatical	y			~
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- D. Establish VPN Connection
 - 1. Click the Pulse Secure icon in the system tray.
 - 2. Click the name of the connection.
 - 3. Click "Connect" to establish the VPN connection.
 - You will see the Microsoft 365 Sign in page. Enter your Microsoft 365 login. This is your username followed by @omrf.org. Alexander Fleming would enter <u>fleminga@omrf.org</u> to log in.
 - 5. Click "Next".
 - 6. Enter your OMRF password, then click "Sign in".
 - 7. Approve the sign in request using the MFA method you chose when you set up your Microsoft 365 account.
 - 8. At the "Stay signed in?" prompt, click "No".
 - 9. You are now connected to the OMRF network VPN. *All Network traffic will go through OMRF network while connected to the VPN*

OMRF	Hello OMRF Friends	
Sign i	n	
fleminga	@omrf.org	
Can't acce	ess your account?	
		Next
ි Sig	n-in options	
		and the supervision of the super
Sign in	with username foll	lowed by @ omrf.c

- E. Establish VNC Connection
 - 1. Open the **VNC Viewer** shortcut that was created on the Desktop.
 - 2. Double-click on the thumbnail created in section C.
 - 3. If you receive a warning labelled "Insecure Connection", click "Continue"
 - Enter your OMRF username in the field labeled "Username:" and your OMRF Password in the field labeled "Password:"
 - 5. Click OK

V2 Identity Check	×
! Insecure Connection	
You are connecting to Apple Screen Sharing. Your authentication details will not be transferred securely. Your connection won't be encrypted.	,
Apple Screen Sharing: MN12345-123.omrf.hsc.net.ou.edu::5900 (TCP)	
Please install VNC Connect to resolve this issue [link].	
Don't warn me about this again.	
Continue	ł
The connection over Pulse Secure is encry	pted.

- F. Disconnect the VPN
 - 1. Click the Pulse Secure icon in the system tray.
 - 2. Click the name of the connection.
 - 3. Click "Disconnect". Don't forget to click Disconnect in Pulse Secure when you are finished.

V2 Authentication X
Authenticate to VNC Server MN12345-123.omrf.hsc.net.ou.edu::5900 (TCP)
Enter VNC Server credentials (Hint: NOT your RealVNC account details)
Username:
Password:
Remember password Forgot password?
OK Cancel
Use your OMRF Username and Password