

AWS Resource Setup – Remote Desktop Setup

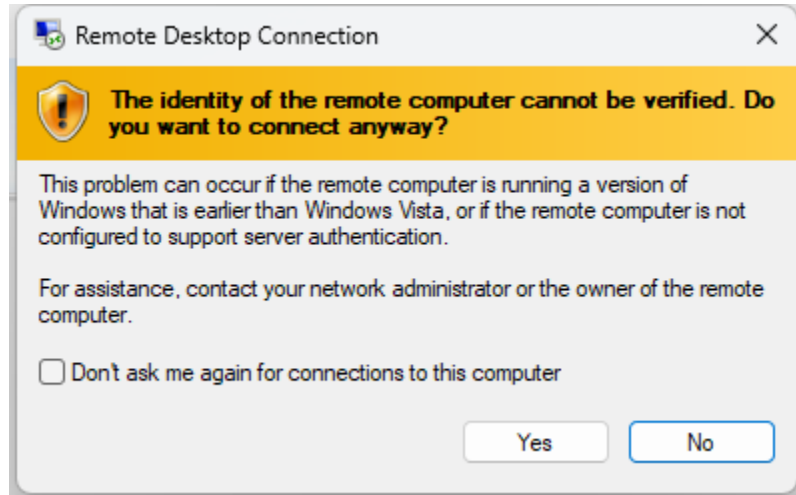
1. Open powershell
2. cd into directory where .pem key is stored when instance was launched
3. Connect to ssh in this format:
`ssh -i <identity_key.pem> -L <desired_local_port>:127.0.0.1:8080 ubuntu@<EC2_PUBLIC_IPV4_ADDRESS>`

****Use the Public IPv4 DNS ip**

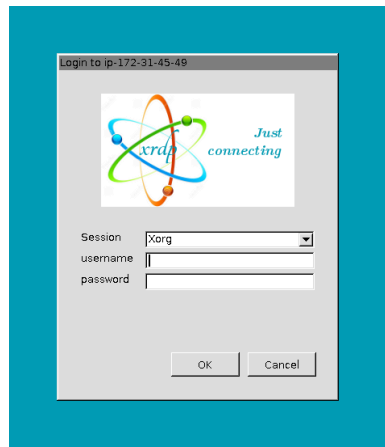
4. Once ssh is accessed, run the following terminal commands...
 - a. Update system packages
`sudo apt-get update`
 - b. Install rdp
`sudo apt install xrdp`
 - c. Enable rdp
`sudo systemctl enable xrdp`
 - d. Installs UI desktop, (takes a few minutes)
`sudo apt install ubuntu-desktop`
 - e. Set password for UI login (password does not show up while typing)
`sudo passwd ubuntu`
 - f. *****Prevent issues with auto-start (xrdp appears to start a bit too early leading to a timeout.)**
 - i. In terminal type this command
`sudo systemctl edit xrdp.service`
 - ii. An empty file should appear. Paste this:
`[Unit] After=multi-user.target network.target \
xrdp-sesman.service`
 - g. Then ctrl+x then enter to exit

5. Windows Remote Connection:

- a. On Windows PC, open up Remote Desktop Connection Application
- b. Log on to remote desktop with the Public IPV4 address and port 3389
 - i. Should be in the format IPV4:3389
- c. Click Connect.



- d. Click Yes.
- e. This screen/dialog box should appear:



- f. Username is ubuntu; password is what you previously set in the terminal configuration
- g. It may take a second to log on, the screen should turn black, gray, and then purple once Ubuntu boots