ASPE
TRAINING
a division of Fortis College

Virtual Machine Connection Guide for AWS Labs

Thank you for participating in our hands-on workshop. We are glad to have you in our class! This class relies on our accompanying lab environment which provides access to all the assets you will need to practice the skills taught in class. In order for the workshop to be successful, we need assurance that the lab environment will function properly on each student's computer/network. Please perform the tests described herein **at least two weeks** before your class and inform your **ASPE** program manager immediately if you encounter any issues.

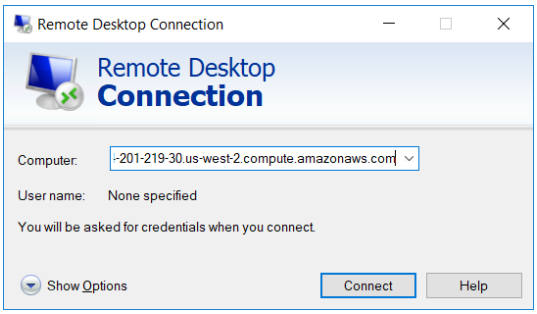
Mac Users: If you will be using a Mac to complete class using the Windows environment, you will need to download the Mac App equivalent of Windows Remote Desktop Protocol to perform these tests and use the lab environment in class.

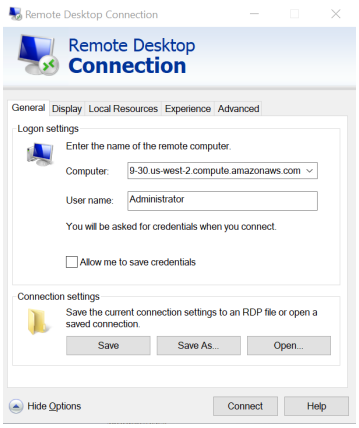
The main assets you will use to connect to your Virtual Machine workspace will be:

ASPE TRAINING
a division of Fortis College

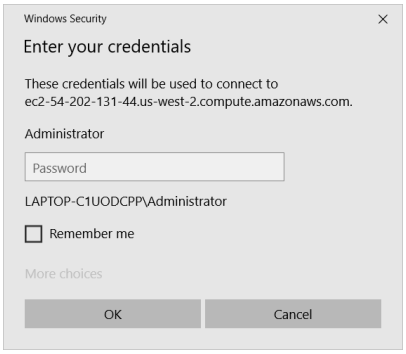
Course lab: AWS \Windows 2016 \ Remote

1. Launch Remote Desktop and enter ***ec2-54-201-219-30.us-west-2.compute.amazonaws.com*** as the computer name. Click *Show Options.* In the User Name, enter ***Administrator*** and click *Connect.*

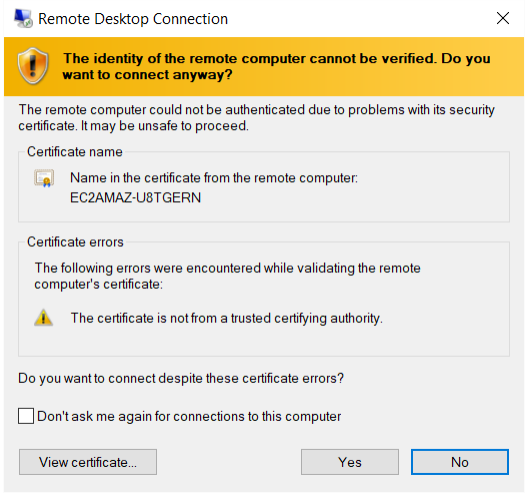




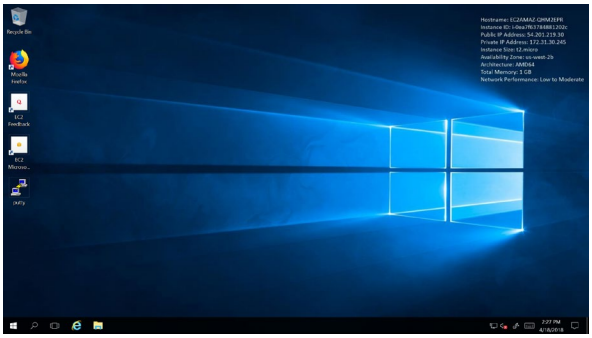
2. In the **Enter your credentials** dialogue, enter the password: **JustM300,** and click **OK**



3. When the Remote Desktop Connection appears, click **Yes**



4. If you see a screen like below, your connection is successful and you will be able to access the lab environment the day of your class. Your specific connection information and Remote Desktop Protocol files for Windows instances or **Privacy Enhanced Mail** (PEM) certificate and **Putty Private Key** (PPK) for Linux instances will be distributed the first day of class by your instructor.



ASPE TRAINING
a division of Fortis College

Course lab: AWS Linux Servers – Putty / Ubuntu

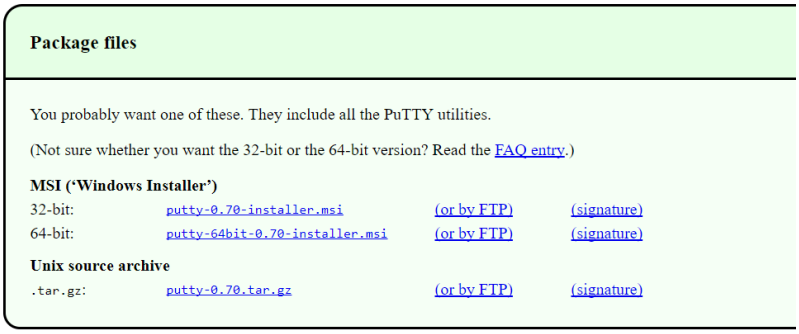
**pem & ppk files will be provided to access each Virtual Machine*

1. Download the **PrivatePuttyKey.ppk** and save it somewhere you can locate in a later step:

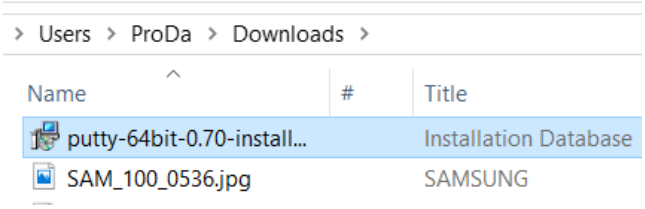
   https://aspetraining.securevdr.com/d-s5b94050790345919

2. Navigate to the **Putty: latest release** page, and download the appropriate **Putty exe.**

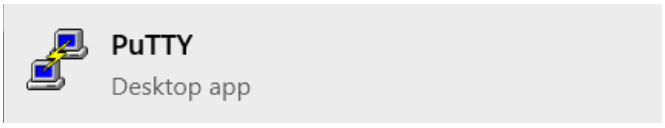
   https://www.chiark.greenend.org.uk/~sgtatham/putty/latest.html



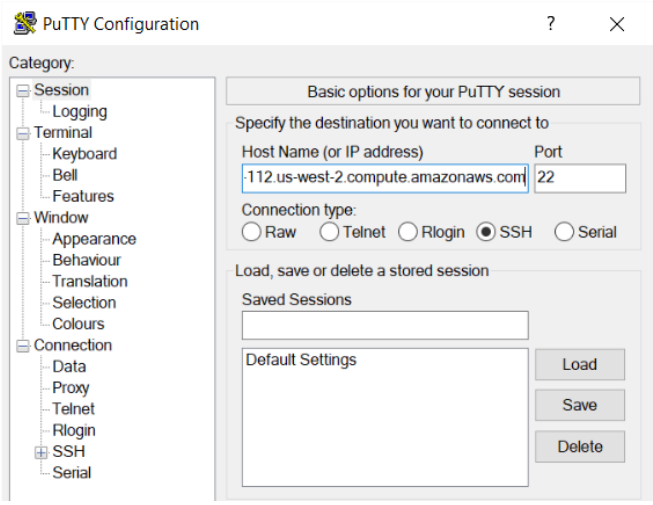
3. Locate the **Installation Database** in your **Downloads** folder, right click, and choose **Install.** Follow the installation directions until you click "Finish."



4. Open the **Putty** Application.



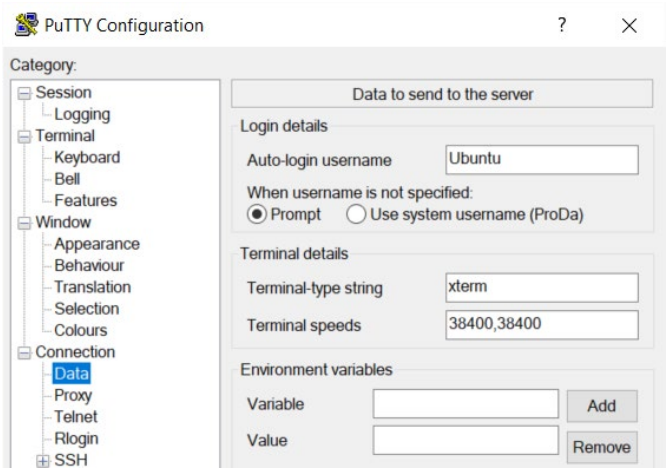
5. Enter the host name that is provided **ec2-34-209-241-14.us-west-2.compute.amazonaws.com** into the **Host name (or IP address)** section in the **Putty Configuration** window.



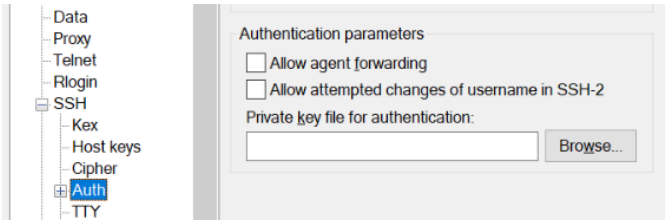
6. Expand the **Connection** category in the left dropdown menu, select **Data,** and type the appropriate user name into the **Auto-login username** section.

   Ubuntu:
   User Name: **ubuntu**

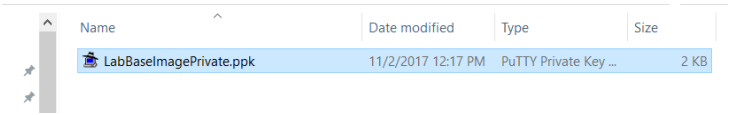
   Note: If you are taking Puppet Configuration Management course you will use Amazon Linux and your User Name will be ec2-user



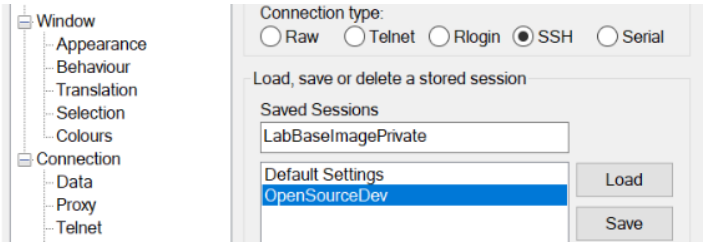
7. In the **Putty Configuration** window, expand the **SSH** category, and select **Auth.**



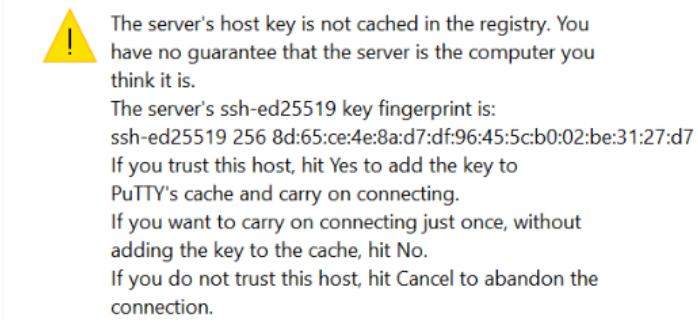
8. Click the **Browse** button, navigate to the downloaded Putty Private Key file **PPK-PrivatePuttyKey.ppk**, and click **Open.**



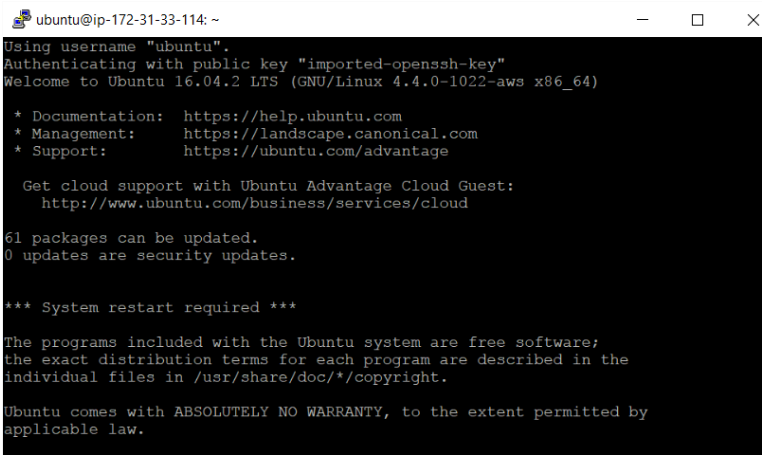
9. In the **Putty Configuration** window, select the **Session** category, name your session under **Saved Sessions,** and click the **Save** button.



10. Once it is saved, open your connection by clicking **Open.** A warning dialogue will pop up and ask if you trust the selected host key. Click the **Yes** button.



11. You should now be logged in to your specified Virtual Machine.



12. If you see the above screen, you will be able to connect on the first day of class. When you re-launch **Putty** on the first day of class, your previous **SSH** connection details will be available since you saved the session details during the initial configuration. Your instructor will give you individual login user names and passwords.

Troubleshooting

If you are not able to connect, the most likely reason is because your IT department has blocked port 443, 3389 and/or 80. Please contact your IT department to submit a request to open those ports to the specific IP address of the computer or facility room from which you will take training. Please contact ASPE directly if you require additional assistance.