

## IMPORTANT SETUP INSTRUCTIONS AND PREREQUISITES

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### IMPORTANT SETUP INSTRUCTIONS - TO BE COMPLETED BEFORE THE WORKSHOP!

Hello and thank you for your interest in attending the Creating a Continuous Delivery Pipeline with Jenkins workshop. In order to be able to work through the labs and effectively understand the material, it is essential that you prepare in advance following the instructions below. **Please be aware that it is the user's responsibility to have their systems setup in advance and there will not be time during the online training for the instructor to help debug problems with getting the image or running Virtualbox. We will begin the session expecting that everyone already has their systems setup and ready to go as outlined below.**

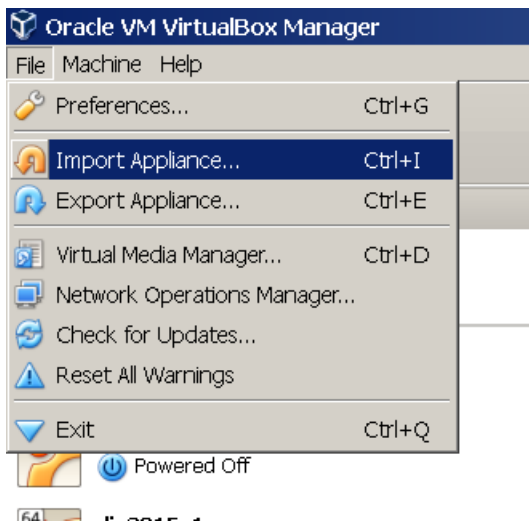
1. You must have a system that can support virtualization and run Virtualbox without problems. Download and install Virtualbox on your system and verify that it runs correctly. Note that some systems may require special access or BIOS settings changed to support virtualization. Please ensure that you have sorted out any issues with this prior to the start of the first online session. Virtualbox can be obtained and installed from <http://www.virtualbox.org>
2. The class uses a VirtualBox VM with all of the applications installed and configured that we will need. This file needs to be downloaded and verified to run in Virtualbox. You can download the virtual image from:

[https://s3-us-west-2.amazonaws.com/bclconf/CDPipeline/RWX\\_2016.ova](https://s3-us-west-2.amazonaws.com/bclconf/CDPipeline/RWX_2016.ova)

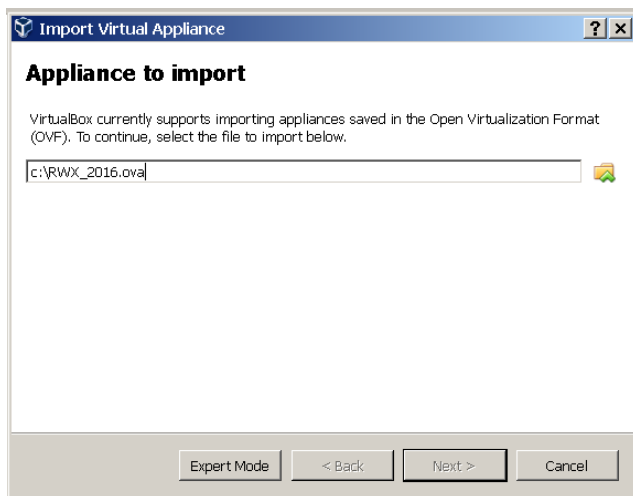
**Note that this file is approximately 6 gig in size, so it may take a significant amount of time to download.** It is not recommended to try to download this while you are using a VPN connection as that will greatly slow down the download.

Once you have Virtualbox installed, the ova file downloaded, and are ready to proceed, do the steps below to complete installation.

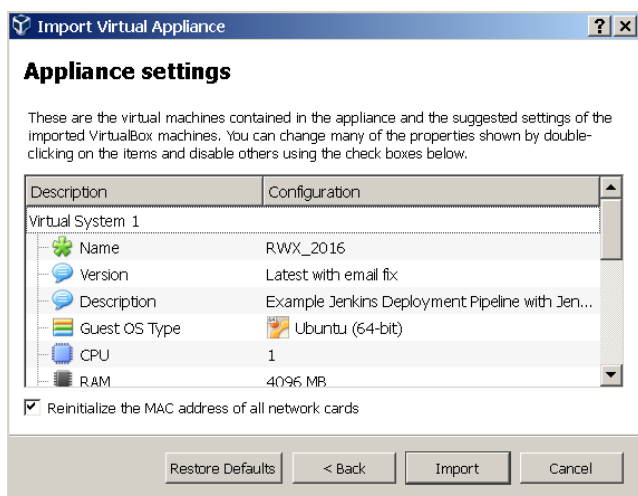
1. Open **VirtualBox** on your system.
2. From the **File** menu, select **"Import Appliance..."**.



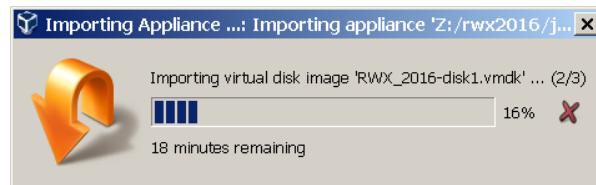
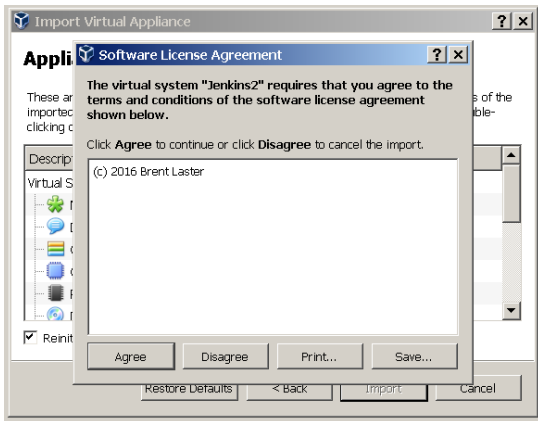
3. From there, you can type in (or browse to, using the folder icon circled in the picture) the path of the **RWX2016.ova** file.



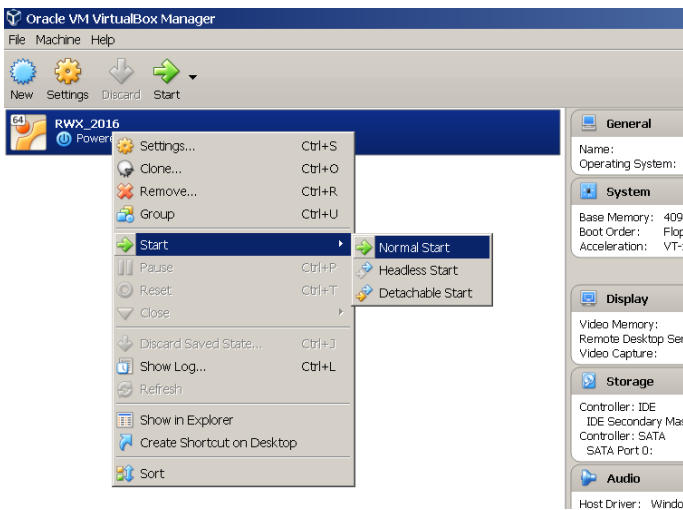
4. You can just accept the **Appliance Settings in the window**. Click in the box to **Reinitialize the MAC address...** and click the **Import** button.



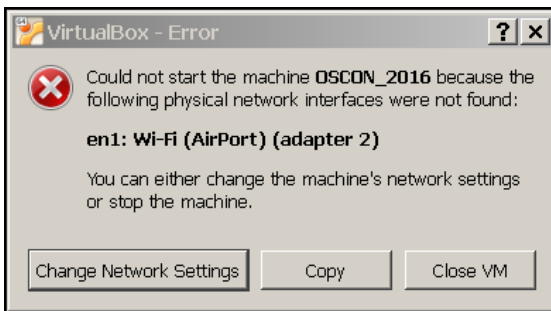
5. If prompted, just click **Agree** to the **Software License Agreement** box and the import will begin running.



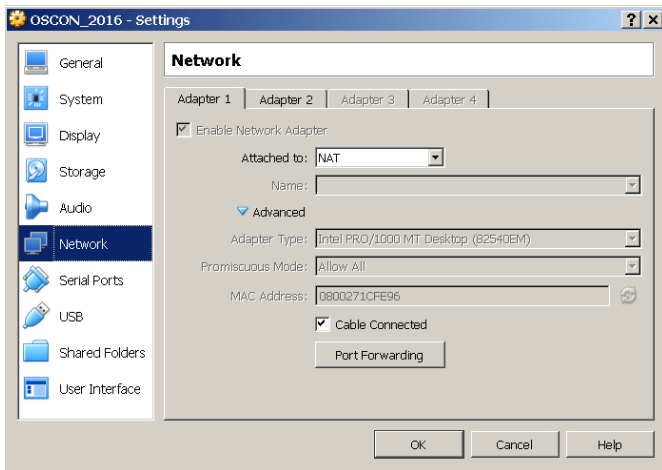
6. After the import is finished, you should have a VM listed in VirtualBox named **RWX2016**. Start it up by right-clicking on it, selecting **Start** and then **Normal Start**. (Yours will not show Snapshot 7.)



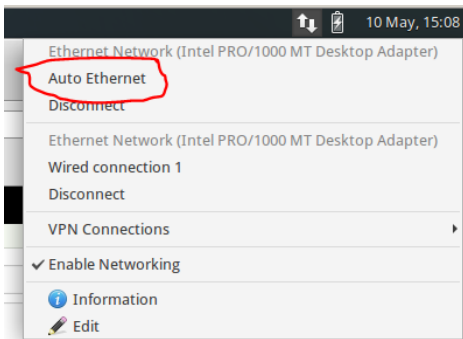
7. You may receive an error about network adapters here that looks similar to this message.



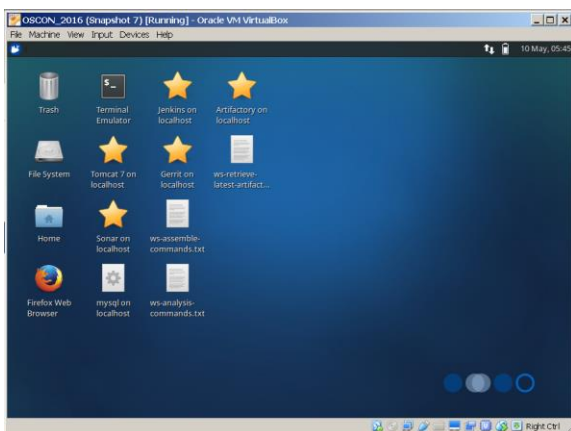
If so, just click on the “Change Network Settings” button to dismiss the error message. You’ll then get the network configuration screen like below. Just click on OK to dismiss it.



You can also enable enable “**Auto Ethernet**” in the networking menu (click on double errors in upper-right corner).



8. After starting up the VM, you should see a desktop like the one below.



9. If you are on Windows and get a Windows firewall dialog, you can click both boxes and tell Windows to “Allow access”.

10. If you are given an option to upgrade ubuntu, just decline that.

11. If you have messages at the top of the screen about “Auto capture keyboard” and “mouse pointer integration” you can just click the x on the far right of the messages to dismiss those.

12. Verify that you have internet connectivity from the VM. Open a browser and go to a common website or open up terminal session from the VM’s desktop and type something like “ping google.com” to make sure you get a response.

(Note: For Rich Web Experience conference attendees, you can stop here.)

13. There is one more important task to do for setup if the conference you are attending is not in the Eastern Timezone - change the system to have the correct date/time. To do this:

a. Click on the mouse icon in the upper left corner of the screen.

b. In the drop down menu, select “Settings” on the right-hand side.

c. In the left-hand side, select “Time and Date”.

d. The Time and Date Settings dialog will pop up. In order to change this, you need to click on the “Unlock” button on the bottom and then authenticate to unlock it. The password to use here is “diyuser2”.

e. Click on the “Time zone” selection at the top and then find a city that is in the timezone where you are (probably prefixed by America/ if you’re in the US). Select it and close the “Time zone” choosing dialog.

f. Back on the main “Time and Date” settings dialog, the time should have changed to reflect the timezone you selected.

g. Select the Lock button to lock the settings again and then the close button.

14. To persist the date/time changes, you just need to logout and log back in. To log out select the mouse icon again in the upper left corner, then click on the “Power” button and select “Log Out” from the dialog that comes up.

15. After logging out, you can log back in with user=diyuser2 and password=diyuser2 . Confirm that your date and time are set as expected.

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**END OF SETUP**

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