

Installing Hortonworks Sandbox 1.2 with VirtualBox

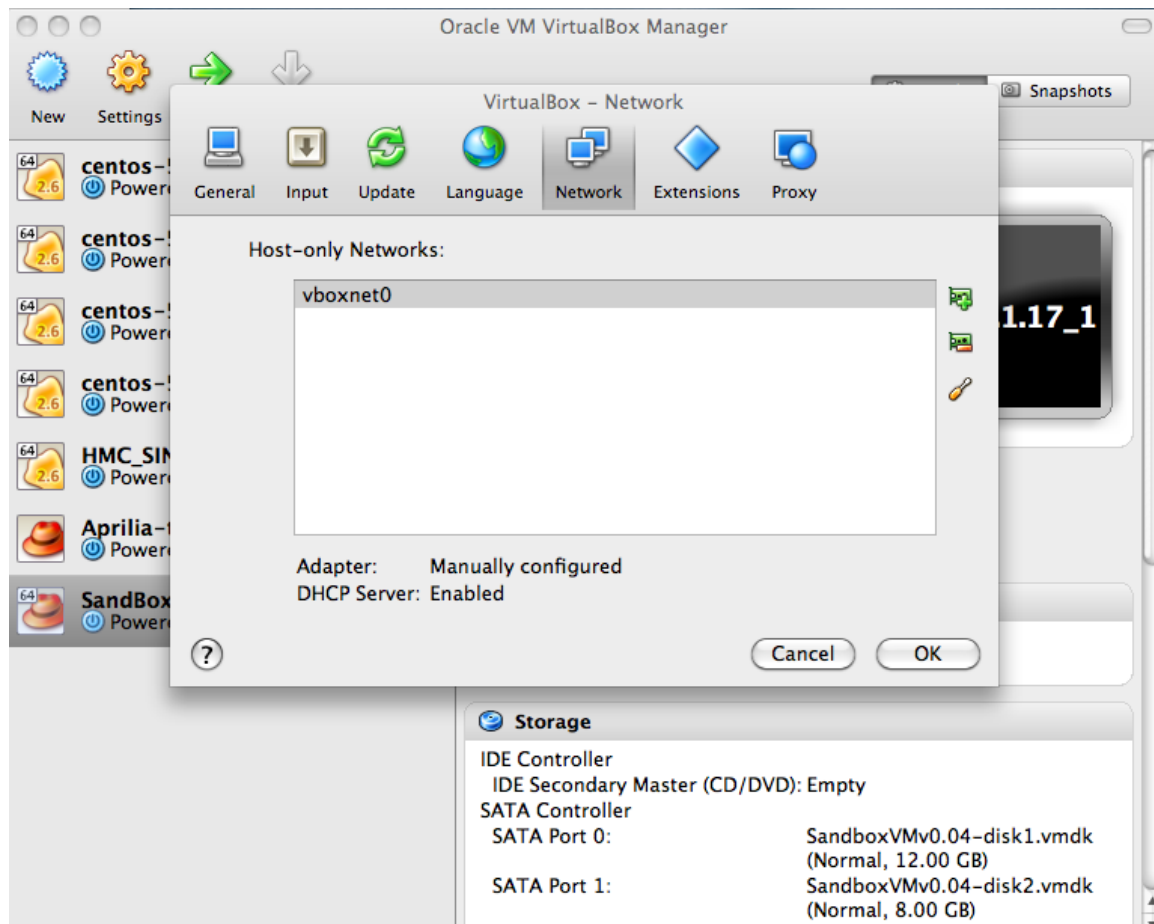
Step 1: Install Oracle VirtualBox

To try the Hortonworks HDP Sandbox you must first download install Oracle VirtualBox.

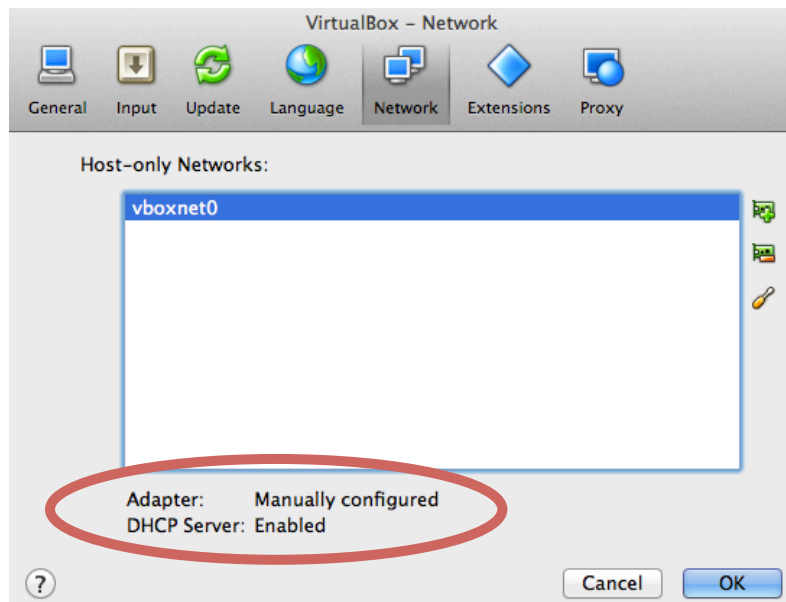
Step 2: Configure Host-Only Networking

You will communicate to the Sandbox using your preferred web browser over an internal network interface. This requires configuring a host-only network interface within VirtualBox. By default, VirtualBox will not have a host-only interface and you must create one.

In VirtualBox, select **Preferences** and click the **Network** tab. You should see an interface similar to this:



Click the green add icon on the right hand side.



Ensure that your Host-only Network has its DHCP Server Enabled. By default the DHCP Server should be enabled, but if it is not you must manually enable it. Consult VirtualBox documentation if you need to manually enable the DHCP Server.

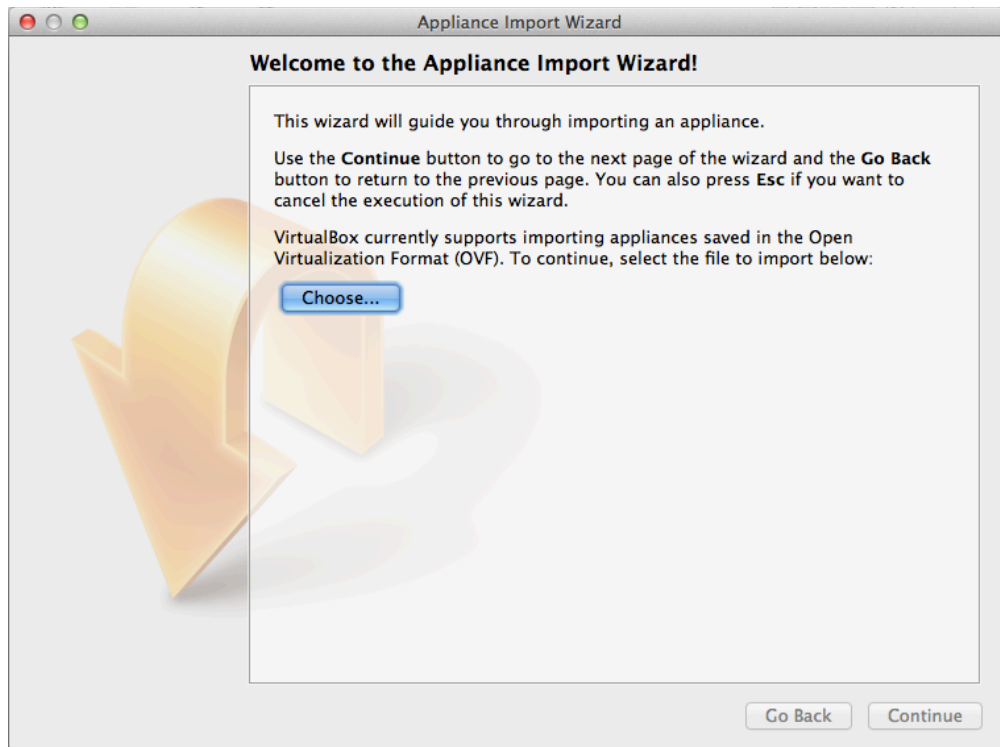
Step 3: Download the Hortonworks HDP Sandbox

The Hortonworks HDP Sandbox is distributed as a single OVA file. Download the OVA file to the same computer on which you installed VirtualBox.

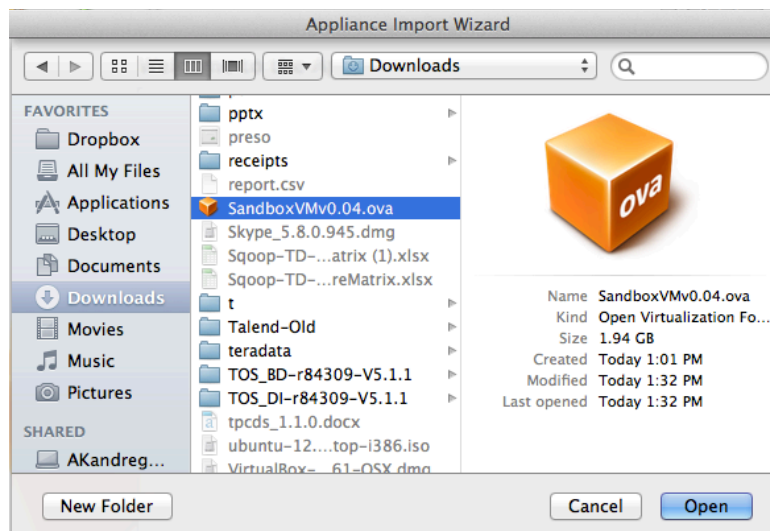
Download the HDP Sandbox Appliance.

Step 4: Import the Hortonworks HDP Sandbox

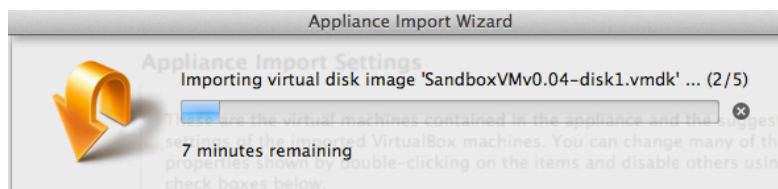
In VirtualBox, select **File > Import Appliance...**



Choose the OVA file you downloaded in the file picker.

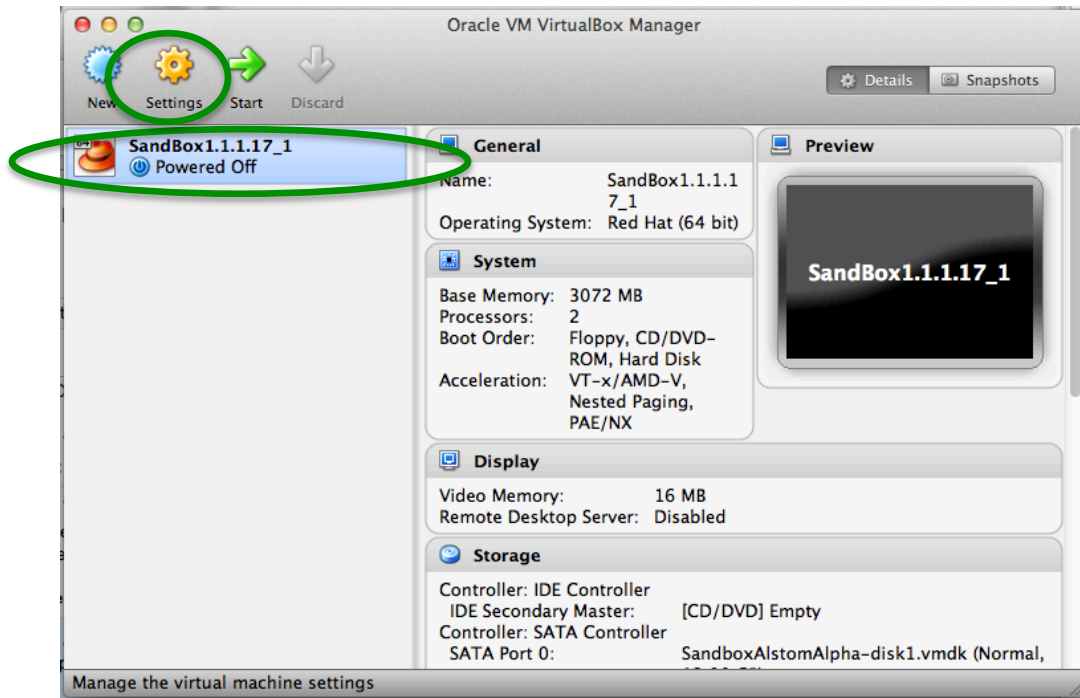


Importing the appliance may take several minutes.

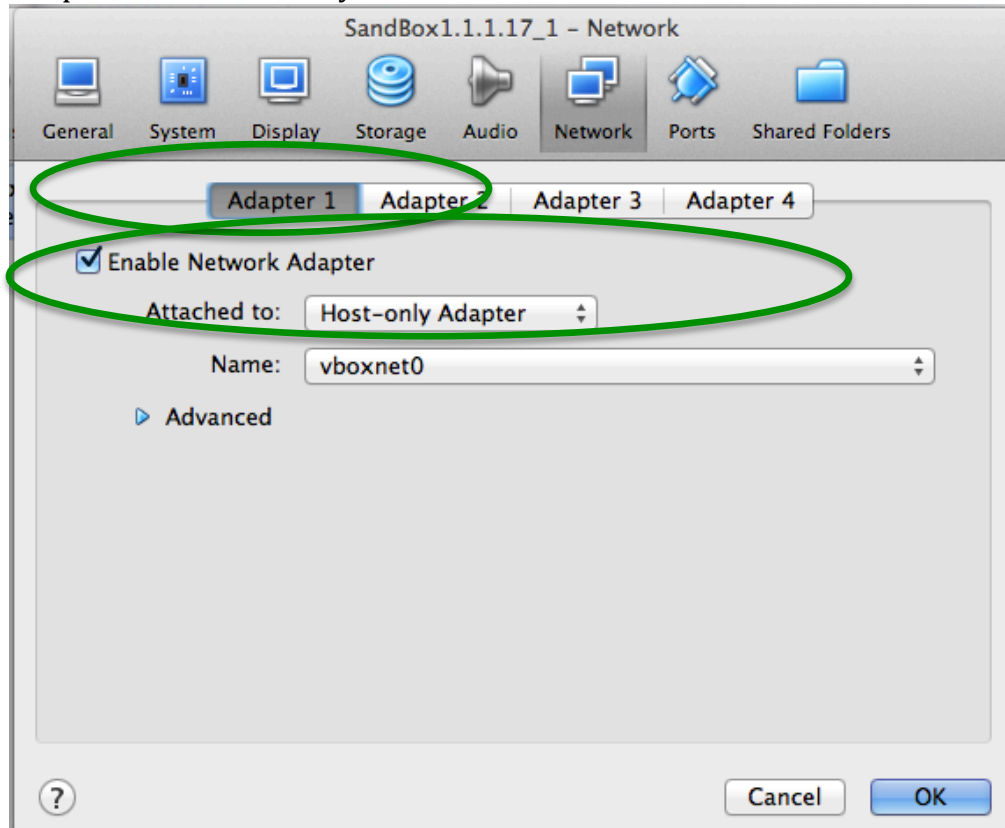


Step 5: Configure the Host Only network Adapters

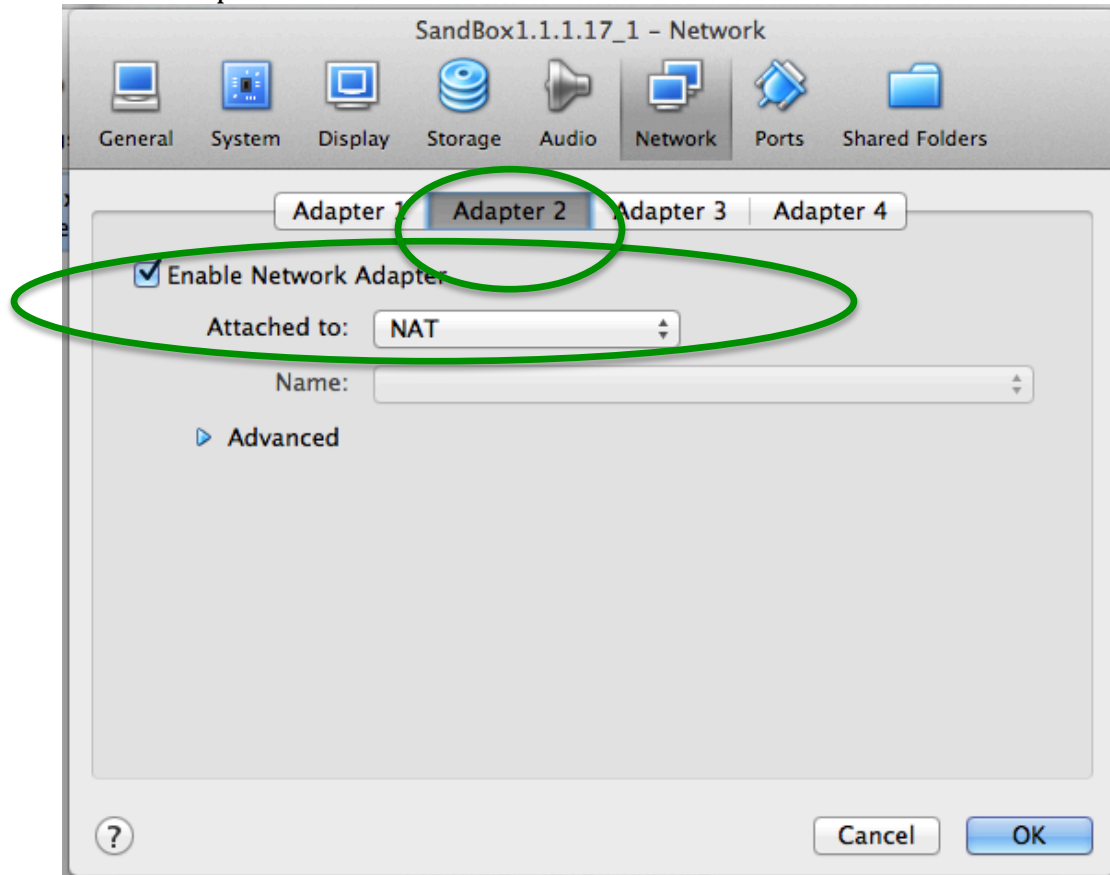
Select the Sandbox Virtual Machine, open Settings



Adapter 1 with Host Only



Enable Adapter 2 with NAT.



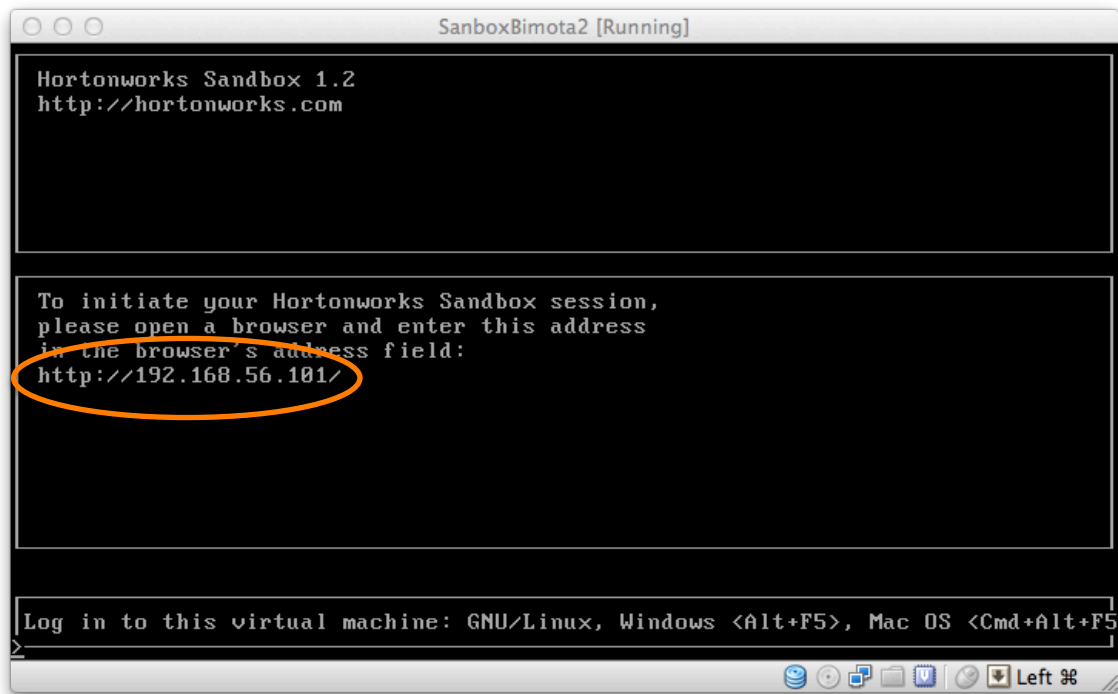
Select OK and then start the Virtual Machine

Step 5: Boot the Hortonworks HDP Sandbox

Within VirtualBox, select the newly imported Sandbox appliance and either press the green start arrow or select **Machine > Start**. After a few minutes the HDP Sandbox will fully boot and will be ready to use.

Step 6: Log in to the Sandbox and follow the tutorials.

Once the sandbox is booted, a message will appear on the console that shows the Sandbox's IP address.



Enter this IP address into your web browser of choice.

This will take you to the HDP Sandbox. No login is required.

