

# CSI3131: Operating Systems

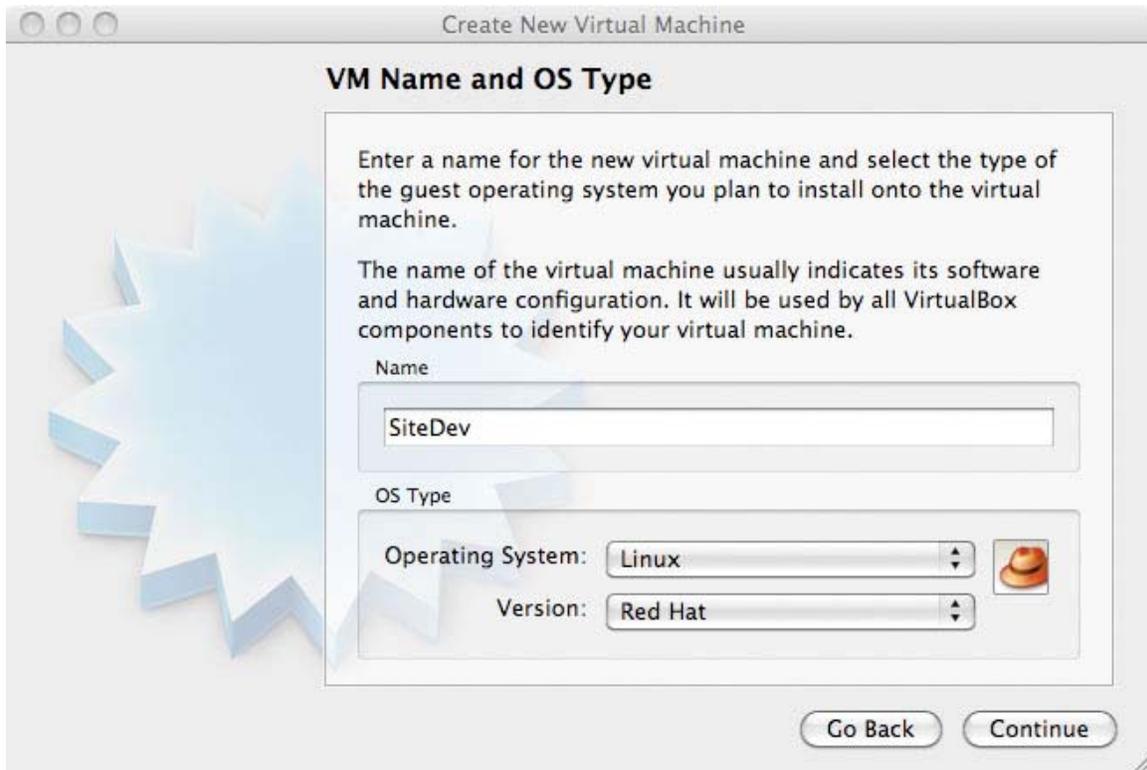
How to setup SITE virtual machine in VirtualBox on OSX.

Requires: The DevHD.vhd virtual hard disk from your SITE account.

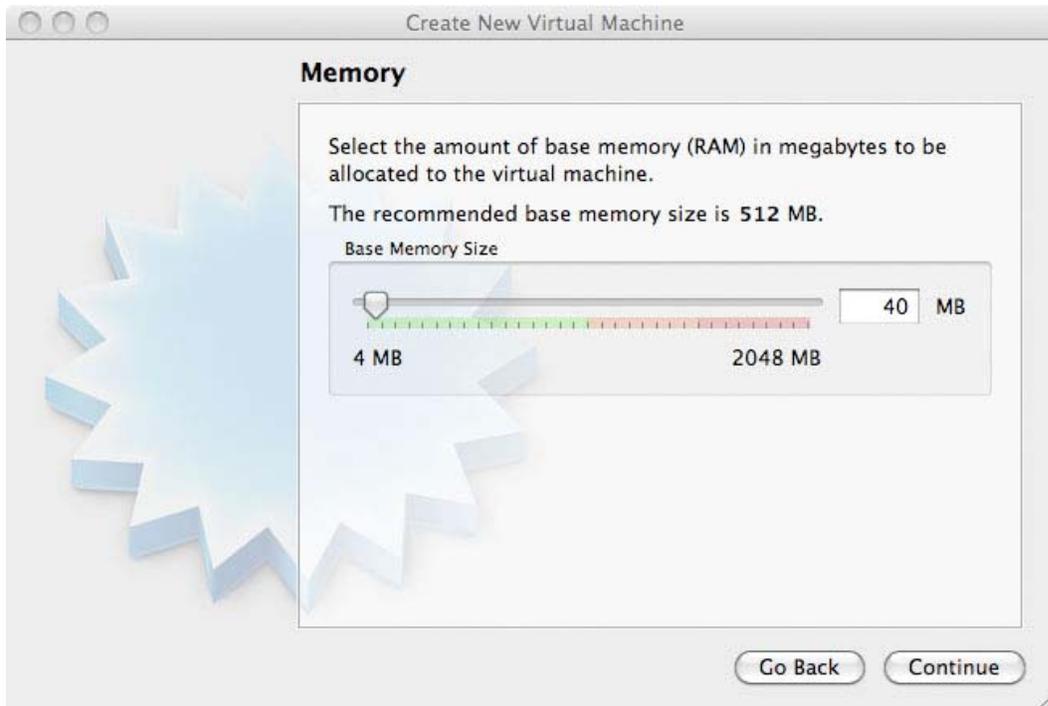
Download and install VirtualBox form the website here: <http://www.virtualbox.org/wiki/Downloads>

Once installed, open virtualbox, and click “New to create a new virtual machine”

Click ‘continue’ at the wizard splash screen. “Enter the name SiteDev” for the virtual machine. Under OS Type, select “Linux” for the Operating System and “Red Hat” for the version. Click ‘continue’.



Under memory, set the size to 40MB and continue.

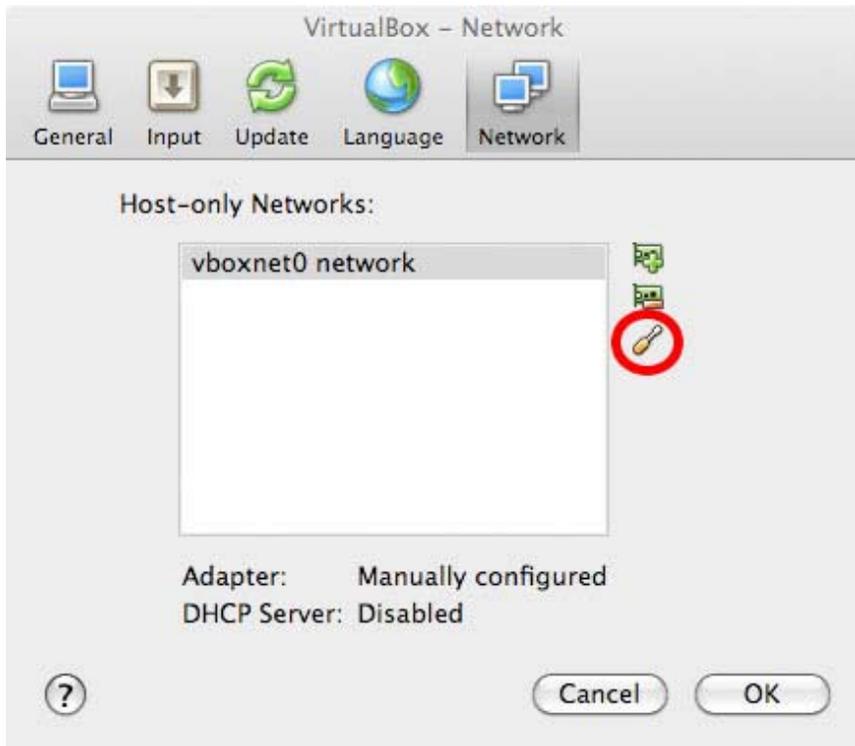


On the Virtual Hard Disk screen, select “Use existing hard disk” and then select the folder icon to browse for the site vm disk. When the Media Manager opens, click “Add” and It will ask you to locate the DevHD.vhd file. Select it and click “Select” to close the virtual media manager. Press “Continue”

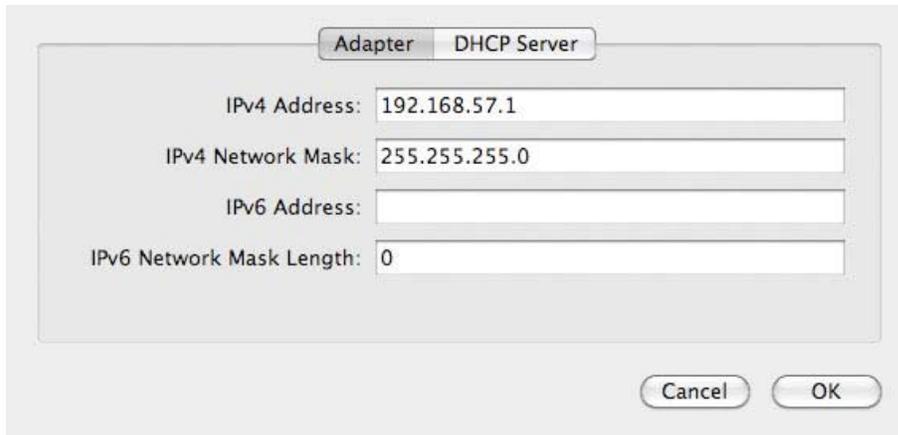


Click Done to close the wizard

Open the VirtualBox preferences from the application menu by clicking VirtualBox-> Preferences. Click 'Network' icon, select "vboxnet0 network" and click the screwdriver icon to configure the adapter.



Under adapter, configure the ipv4 address to "192.168.57.1" and the network mask to "255.255.255.0".

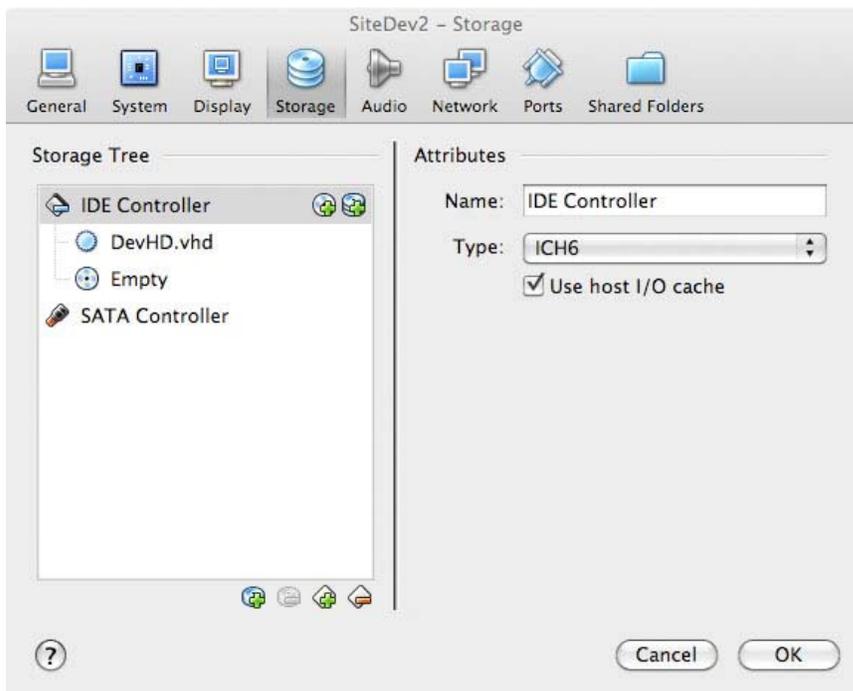


Under DHCP Server, confirm that “Enable Server” is unchecked. Click ok to close the window.

In the main VirtualBox window, highlight your newly created VM and click “Settings”.

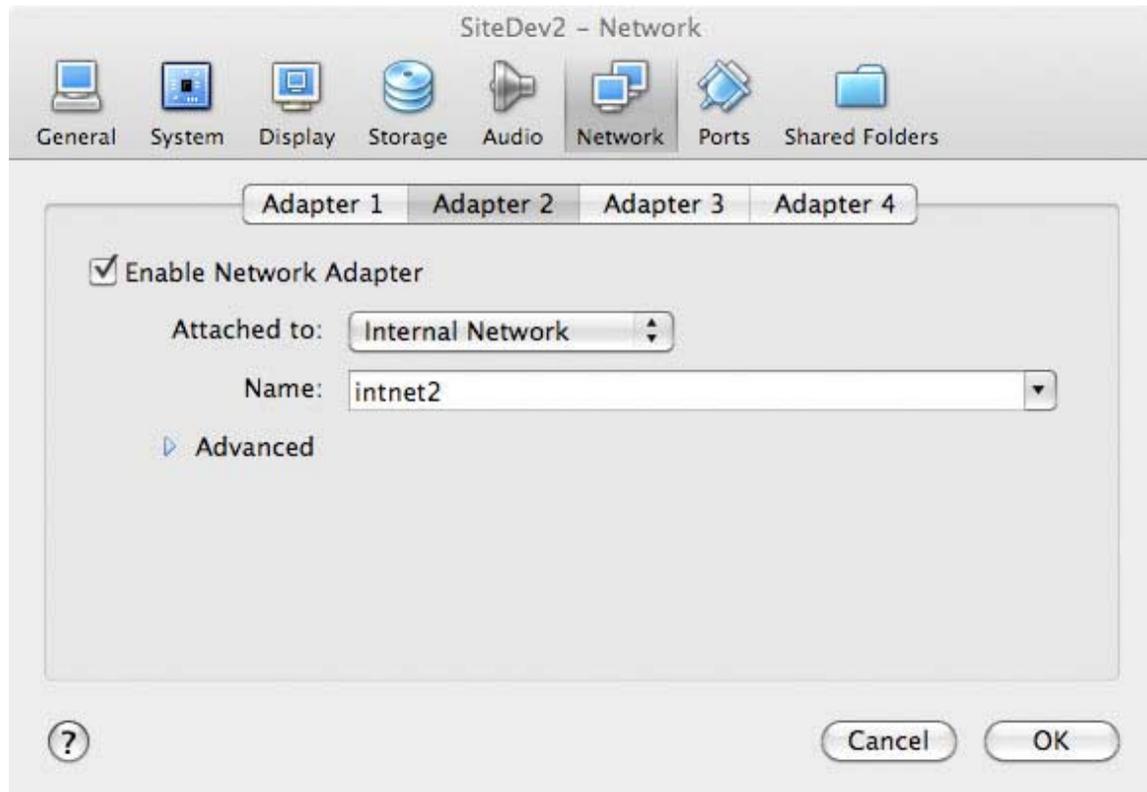
Click the Storage icon. Under “SATA Controller” select the VM image “DevHD.vhd”.

Remove it by clicking on the disk icon with a red minus. Then highlight the IDE Controller and click change the Type from PIIX4 to “ICH6”. Click the add new attachment icon (disk with a green plus). Select hard disk. If the DevHD disk isn’t selected, Under Attributes, select “DevHD.vhd” next to hard disk.



Click the “Network” icon. Under Adapter 1, ensure that “Enable Network Adapter” is checked. Change “Attached to” to Internal Network.

Click Adapter 2 and ensure that “Enable Network Adapter” is checked. Changed “Attached to” to Internal Network and click ok to close.



Click Start to power up the virtual machine. After the boot, it will ask you to set up the internal network adapter. When asked, discard the previously saved network settings.

Select the option to enter settings manually, and under ip address, enter “192.168.57.2”. Change the subnet mask to 255.255.255.0 and change the default gateway to “192.168.57.1” Press Ok and the vm should continue booting.