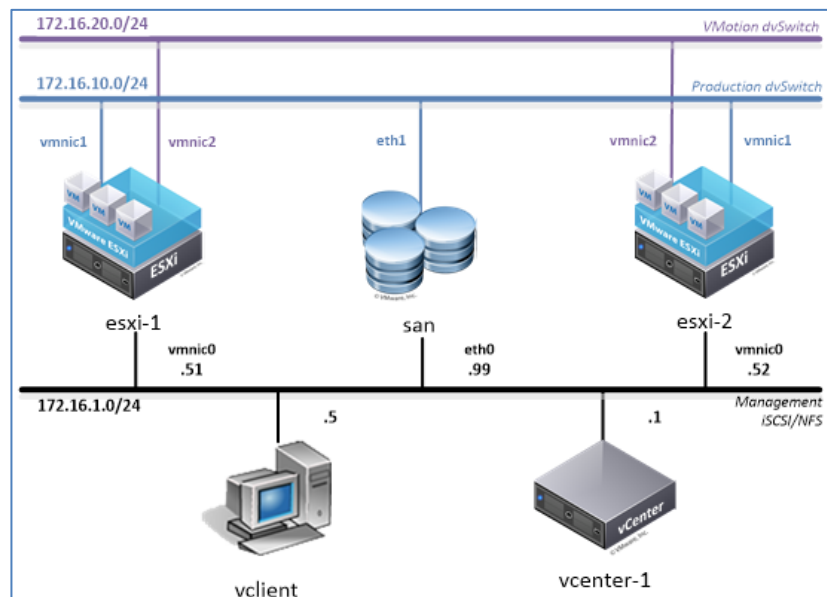

SIT706 Cloud Computing Technologies

Practical 3: Configuring vCSA and ESXi

Aims and Objectives

In this week's practical we will deploy and begin configuring a vCenter Server Appliance (vCSA), which is a Linux virtual machine pre-configured that assists with automating and centralising control of vSphere controlled infrastructure.

The Pod used for this lab already contains a vCSA, it's called vcenter-1, as in the following diagram. But you will be adding another vCSA called vcenter-2.



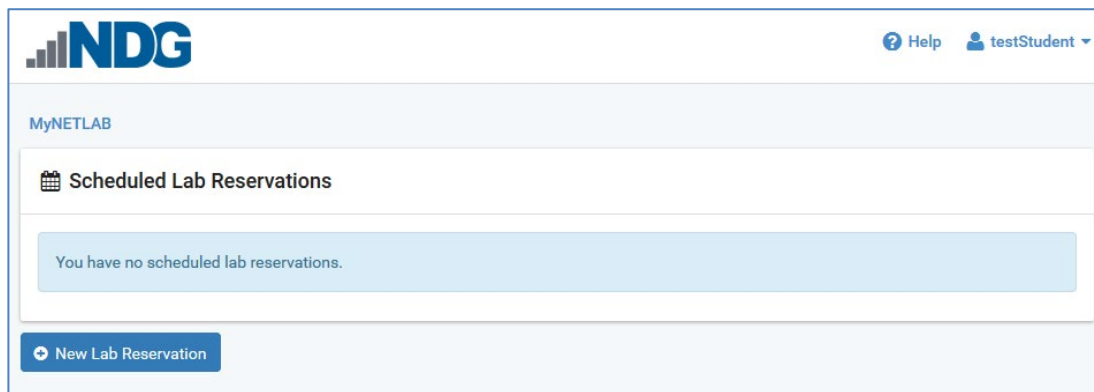
Using NetLab+ VE

In this week's practical, you are required to complete the following two labs from **VMware vSphere ICM 6**:

- Lab 2: Configuring VMware vCenter Server Appliance; and
- Lab 3: Configuring VMware ESXi.

As in the previous practicals, you will use the School's NetLab infrastructure which can be accessed via <https://vmlab.it.deakin.edu.au/>

Once you have logged in, you need to book a Pod (if not already booked), click on the **New Lab Reservation** button:

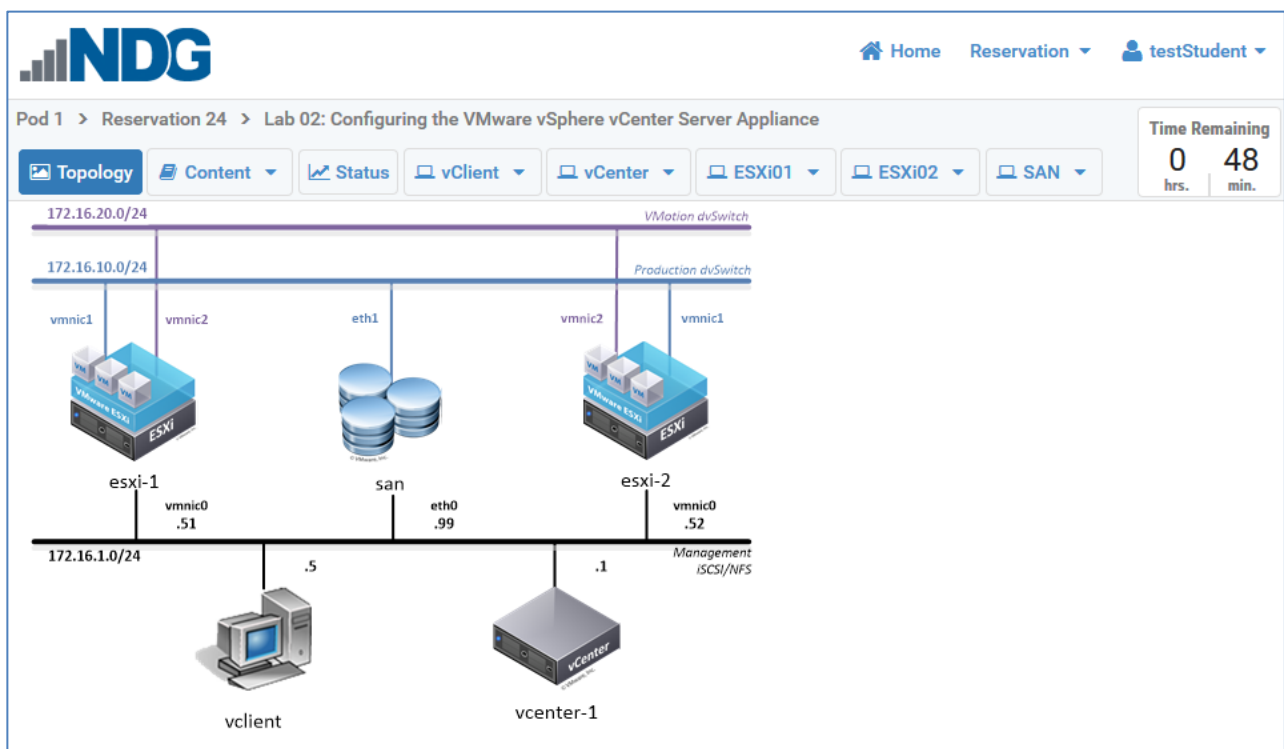


You will now be presented with a list of available labs.

Using the **Action** menu, click on the **Schedule** menu-item to start a Pod booking for the lab called:

- Lab 2: Configuring the VMware vSphere vCenter Server Appliance.

After successfully booking this lab, click on the **Enter Lab** button to begin your work. You will now be shown the virtual machines and networks (the topology) associated with this lab:



The instructions for this lab can be found by clicking on the **Content** menu.

Please see notes below before continuing.

Once you have completed all work for a Pod, ensure you click the **Reservation > End Reservation Now** menu-item to free the Pod's resources for others to use.

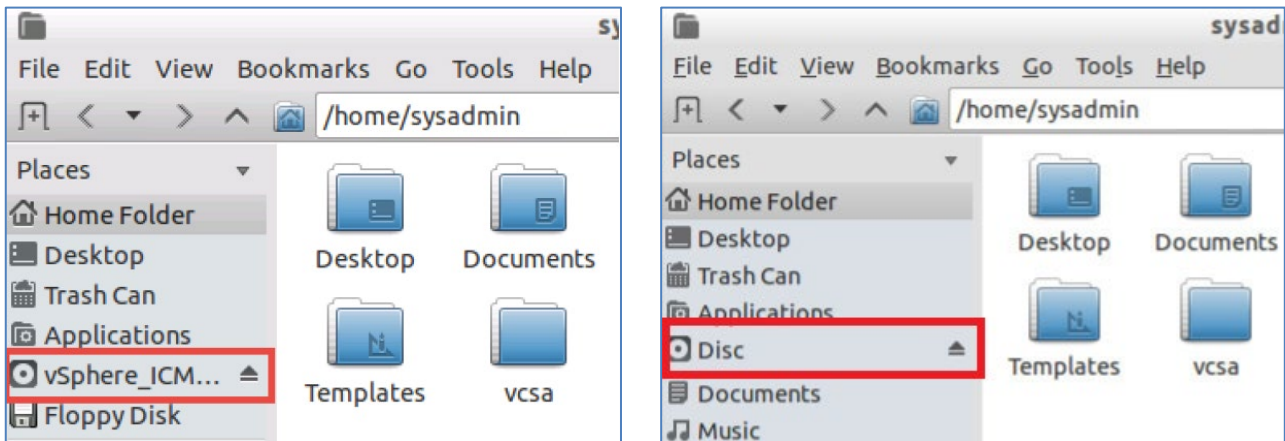
As above for Lab 2, you should now complete the following lab:

- Lab 3: Configuring VMware ESXi.

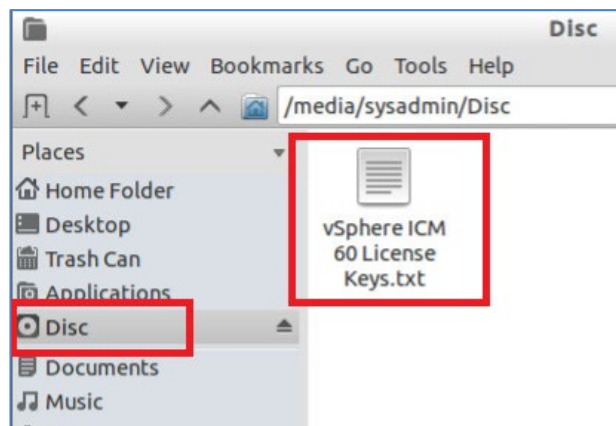
Notes


There is a small issue in **Lab 2, Section 3, Managed vSphere License Keys** regarding the name of the mounted **vSphere_ICM6_Keys** ISO.

The name in the NetLab instructions differs to the name on the actual vClient computer. We can see this highlighted in the following two images: part of the NetLab instructions (left), and what is seen on the vClient computer (right).



To view the license keys, click on **Disk** followed by double-clicking on the txt file named **vSphere ICM 60 License Keys.txt**.



Please do not click on the eject icon , as this will eject the media causing you to lose access to that txt file.

