
SIT706 Cloud Computing Technologies

Practical 4: Authorisation and Managing Complexity

Aims and Objectives

In this week's practical we continue examining how to construct cloud infrastructure by completing labs aligned with the VMware vSphere ICM certification curriculum. This week we begin by learning how to grant access to a new user to monitor the VMware vSphere infrastructure. Finally, we examine the use of folders in managing vSphere infrastructure, standard switches, and distributed switches. Folders, although a relatively straightforward concept, represent a key mechanism for managing the complexity of a vSphere infrastructure installation as it progressively grows.

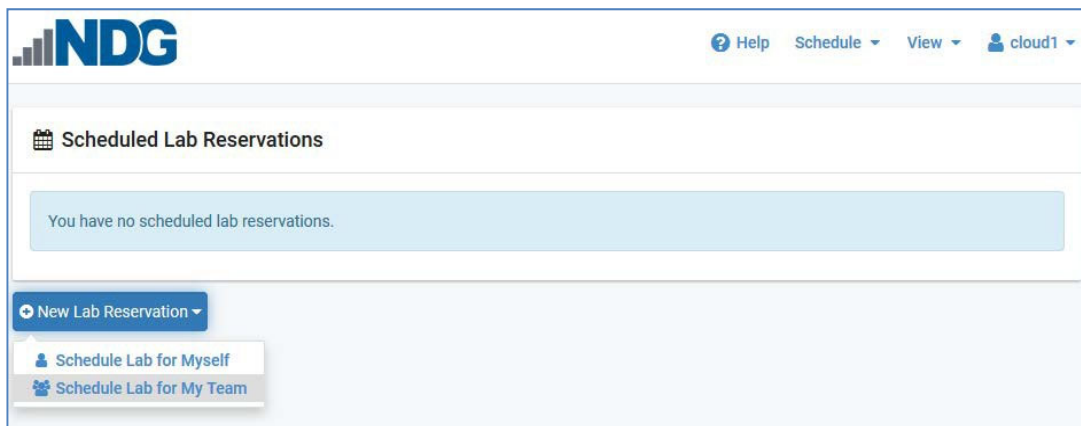
Using NetLab+ VE

In this week's practical, you are required to complete the following two labs:

- Lab 5: Access Control, and
- Lab 6: Creating Folders in VMware vCenter Server.

As in Practicals 1, 2 and 3, you will use the School's NetLab infrastructure which can be accessed via <https://vmlab.it.deakin.edu.au/>

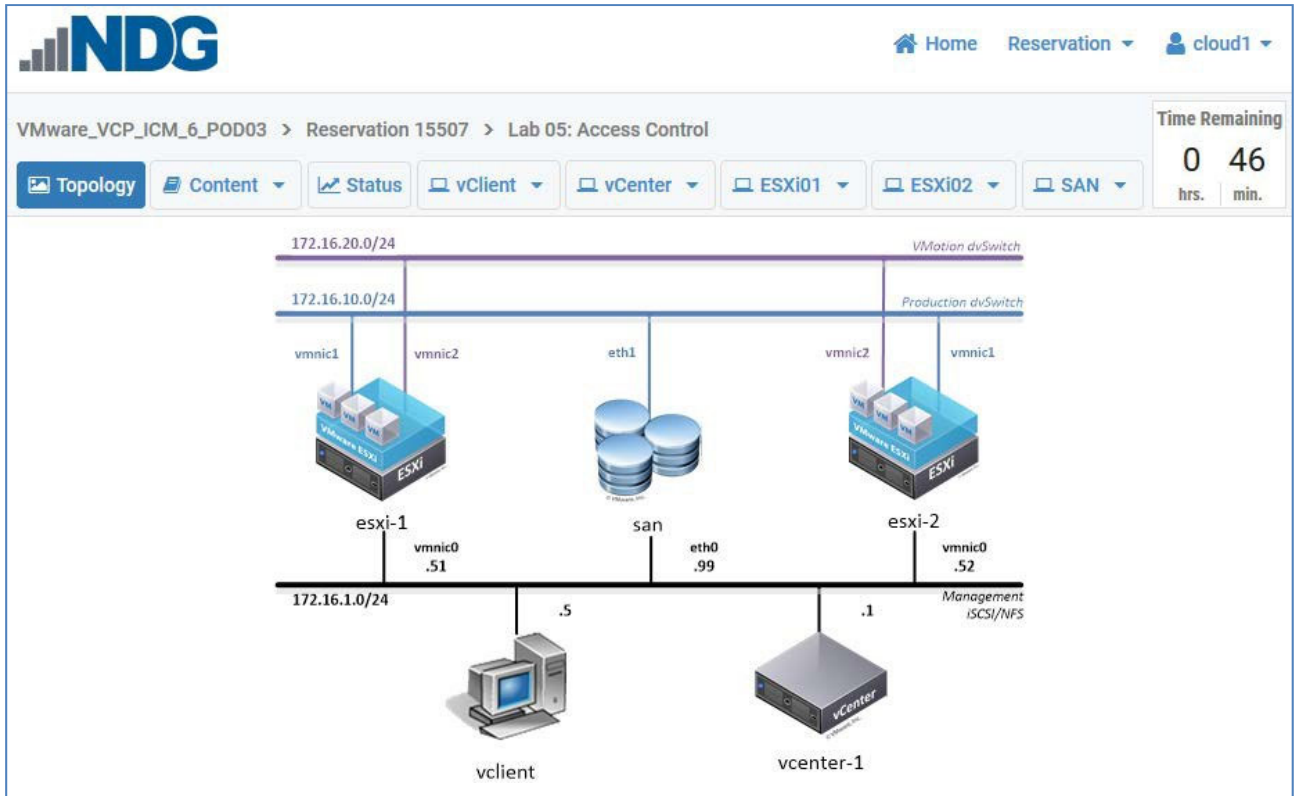
Once you have logged in, book an appropriate Pod and Lab by clicking on the **New Lab Reservation** menu and then the **Schedule Lab for Myself** menu item:



Ensure you have selected the **VMware vSphere ICM 6** topics to view the list of available labs. Using the **Action** menu, click on the **Schedule Lab** menu-item to start a Pod booking for the lab named:

- Lab 5: Access Control.

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



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

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

As above for Lab 5, you should now complete the following lab:

- Lab 6: Creating Folders in VMware vCenter Server.