
Cloud Computing

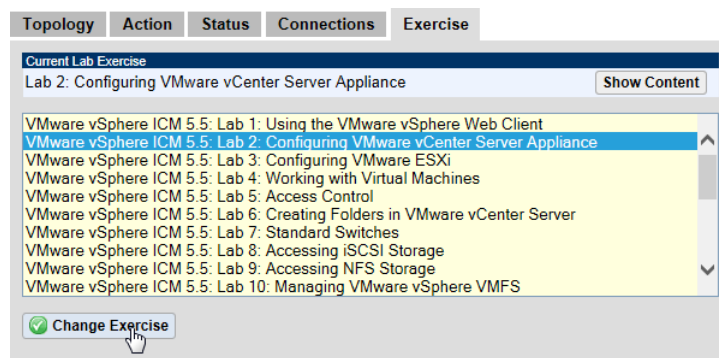
Practical 3: Getting started with vSphere

Aims and Objectives

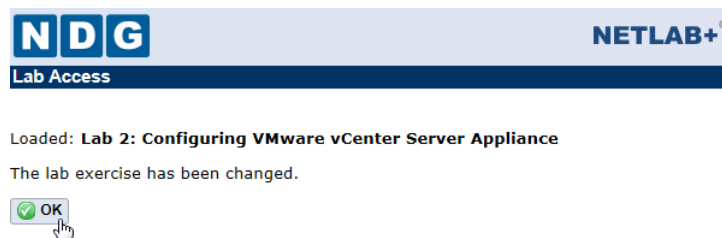
In this week's practical we continue examining how to construct cloud infrastructure, working with the VMware virtualization systems and completing practical tasks aligned with the VMware vSphere Install, Configure, and Manage certification curriculum. This week we begin by learning how to install and configure the ESXi hypervisor – an entire operating system which provides the necessary support for running virtual machines. We then examine how to create and deploy a virtual machine on the VMware vSphere infrastructure, including identifying the location of the resources required. Finally, we examine how to grant access to a new user to monitor the VMware vSphere infrastructure.

Changing Exercises in NetLab

If you complete the work for a lab task, you can change exercise using the Exercise tab indicated above. Changing on the Exercise tab will show you a list of available exercises for that particular POD:



Select the lab task that you wish to switch to, then click on the **Change Exercise** button. The system will then perform any necessary reconfiguration before displaying a confirmation message:



Clicking the **OK** button will return you to the topology to begin the new lab task.

Lab Tasks

In this week's practical, you are required to complete the first two lab tasks:

- Lab 3: Configuring VMware ESXi
- Lab 4: Working with Virtual Machines; and
- Lab 5: Access Control.

Following the instructions above, start by booking in a POD to complete Lab 3. The instructions for the lab tasks can be found by clicking on the **Show Lab Content** button as explained in Practical 2.