
Cloud Computing

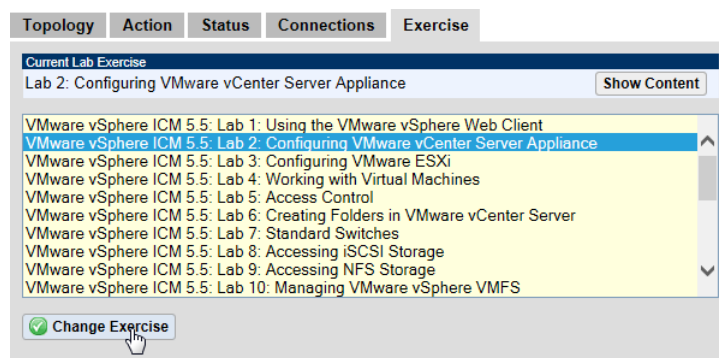
Practical 6: VMFS and VM Templates

Aims and Objectives

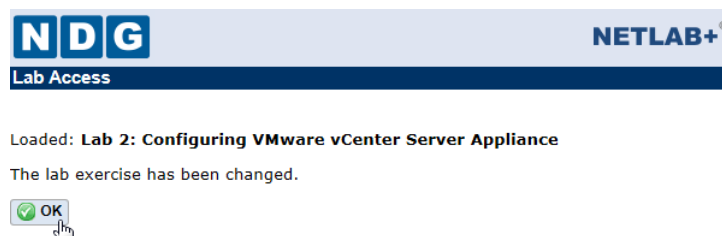
In this week's practical we continue examining how to construct cloud infrastructure, working with the VMware virtualization systems and completing practical tasks aligned with the VMware vSphere Install, Configure, and Manage certification curriculum. This week we examine the use of folders in managing vSphere infrastructure and standard switches. Folders, although a relatively straightforward concept, represent a key mechanism for managing the complexity of a vSphere infrastructure installation as it progressively grows. The creation of standard switches, and connecting virtual machines to those virtual switches, forms part of the definition of the logical network perimeter in cloud computing and is a critical concept in managing and isolating the network traffic of cloud consumers.

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 10: Managing VMware vSphere VMFS
- Lab 11: Using Templates and Clones

Following the instructions above, start by booking in a POD to complete Lab 10. The instructions for the lab tasks can be found by clicking on the **Show Lab Content** button as explained in Practical 2.

If you wish to complete multiple labs in one session, you can switch between labs using the steps shown above. Instructions for how to proceed with the next lab task can be found in the "problems and how to solve them" sheet available on the portal too.

Make sure you follow the lab steps very carefully, otherwise you will encounter problems and be unable to complete the lab tasks.