



## Module 2 Mastery Assessment (Lab)

### Introduction

An assessment of a student's knowledge of the Units material.

### Objectives

In this lab the student will:

- Install, configure and manage virtual networking and storage [WECM]

### Equipment/Supplies Needed

- Host Computer with VMware Workstation Pro
- VMware vCenter virtual appliance
- 2 ESXi server VM's

### Assignment

Students will need to have both ESXi Servers, Windows Server, and vCenter VM's powered on to complete the following tasks in their VMware Lab environment.

Key activities include installing (1) ESXi Server VM and configuring the following:

- vCenter server VM
- Windows Server VM

### Procedure

**For grading, submit a screenshot of each step and sub step below. Place all screenshots in a Word or PDF document and upload that document for grading. See grading rubric below before beginning this assessment.** Be sure your screenshots show exactly, and in totality what is required for each step. For some steps this may require more than one screenshot.

1. Install a valid license on the ESXi-Assessment VM created in the Unit One Performance Assessment.
2. Configure the ESXi-Assessment VM's Management Network for DNS and Active Directory using your existing Windows Server for DNS and AD.
3. In Active Directory, create a new user (to be given the read only role in VMware Administration in a later step).
  - a. Add a new DNS record for the new ESXi-Assessment VM.

4. In vCenter, add the new ESXi-Assessment VM as a host.
  - a. Create a new Datacenter in vCenter called Assessment-Datacenter.
  - b. Move the new ESXi-Assessment VM to the Assessment-Datacenter.
  - c. Add the new Active Directory user created in step 3 to vCenter and make the user a Read-Only VMware Administrator.
  - d. Sign on to vCenter Web page as the new user and capture a screenshot verifying the user has read-only permissions. **Your screenshot must include the user's name in the top right corner of vCenter, and must show that the user has read only permissions.**

4. Submit the following items for grading as evidence of successful lab completion.

<u>Concerns</u> Working Towards Proficiency	<u>Criteria</u> Standards for This Competency	<u>Accomplished</u> Evidence of Mastering Competency
	Screenshot of step 1 (11 pt)	1 correct answers; 11 pt each
	Screenshot of step 2 (11 pt)	1 correct answers; 11 pt each
	Screenshot of step 3 (11 pt)	1 correct answers; 11 pt each
	Screenshot of step 3a (11 pt)	1 correct answers; 11 pt each
	Screenshot of step 4 (11 pt)	1 correct answers; 11 pt each
	Screenshot of step 4a (11 pt)	1 correct answers; 11 pt each
	Screenshot of step 4b (11 pt)	1 correct answers; 11 pt each
	Screenshots of step 4c (10 pt)	4 correct answers; 2.5 pt each
	Screenshot of step 4d (13 pt)	1 correct answers; 13 pt each