

Module 1 Mastery Assessment

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 ESXi ISO

Assignment

Students will Install a new ESXi VM in their VMware Lab environment.

Key activities include configuring the following:

(1) Installing new ESXi VM

NOTE: X.X.X. in IP address represents the Host only network (VMnet1) on your host PC.



VM name ESXi-Assessment
Host name: ESXi-Assessment
Purpose: Hypervisor
Vmware Network Setting:
Host only
NIC configuration:
IP x.x.x.x
SNM: 255.255.255.0
No gateway



Host PC

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. Create a new ESXi Server VM named ESXi-Assessment. The primary hard drive of the VM should be 30GB, with a second hard drive of 100GB, both stored as a single file.
 - a. ESXi should be in the VMnet1 (Host-only) subnet with a static IP of your choosing.
 - b. Configure the Management Network of ESXi to disable Ipv6, and with the correct Default Gateway.
 - c. Enable SSH, disable ESXi Shell.
 - d. Add a second NIC to the ESXi VM and put it in VMnet9.
 - e. In Virtual Network Editor create VMnet9 in the Host-Only network with a subnet IP of 192.168.210.0/24.

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
	Step 1 screenshots (20 pt)	3 correct answers; 6.66 pt each
	Step 1a screenshots (15 pt)	2 screenshots; 7.5 pt each
	Step 1b screenshots (15 pt)	2 screenshots; 7.5 pt each
	Step 1c screenshots (15 pt)	1 screenshot showing proper configurations
	Step 1d screenshots (15 pt)	1 screenshot showing proper configurations
	Step 1e screenshots (20 pt)	1 screenshot showing proper installation