Virtualization using vSphere 6.5 & Cloud

Industry Partner: VMware

This technical course is designed to help operators and administrators who create and manage virtual machines. This course provides you with a strong understanding of VMware virtual machine features in vSphere 6.5. By combining lecture and hands-on labs, this course will help you gain the skills required to work effectively with VMware virtual machines. This course is based on VMware ESXi 6.5 and VMware vCenter Server 6.5.

Pre-requisite:

- Basic knowledge in Computer Hardware and Networking

Course Objective:

Upon successful completion of the course, participants should be able to:

- Describe the software-defined data center
- Deploy an ESXi host and create virtual machines
- Deploy VMware vCenter Server Appliance
- Backup and restore vCenter Server
- Use vCenter Server to manage an ESXi host
- Manage virtual machines, templates, clones, and snapshots

Course Outline:

The following focus areas are included in this course:

1. Course Introduction
2. Introduction to vSphere and the Software-Defined Data Center
3. Creating Virtual Machines
4. vCenter Server
5. Configuring and Managing Virtual Networks
6. Configuring and Managing Virtual Storage
7. Virtual Machine Management
8. Resource Management and Monitoring
9. vSphere HA, vSphere Fault Tolerance, and Protecting Data
10. vSphere DRS
11. vSphere Update Manager

Hardware & Software Requirements

- 8 GB RAM, i3/i5 Processor, 200GB HDD, High Speed Internet connectivity
- Operating System: Windows 7 or later
- VMware Workstation 12 or later