VM Ware Training

INNOVATIVE ACADEMY's Best VMWare Training in Bangalore is designed so Innovative to help you clear the VM Ware Certification. You will gain excellent knowledge on VMware vSphere 6.0, VMware ESXi, vCenter Server, Update Manager, Storage Devices, High Availability, Securing VMware vSphere, vApps and much more.

Why VM Ware Training and certification?

- The VM Ware exam is intended for individuals with experience Managing networks in Virtualization environment on the platform.
- VM Ware certification's are rated one of the valued IT Certification as per Global Knowledge Study.
- Average salary is $110k for VM Ware professionals as per the major job portal.

About our Training:

VM Ware Training from us is designed to provide expertise about Virtual Network principles and its services. The classes are conducted by the Industrial experts for both classroom and online training sessions. The training is completely based on VM Ware Exams.

Why choose Innovative Academy for your VM Ware training?

- Experienced technical trainers
- Real Time and Hands on Experience Training
- On Time Course Completion & Superb satisfaction scores
- Comprehensive curriculum, Innovative & interactive Training
- High Pass Rate

Who can take this Training?

This VM Ware Training is constructed for IT pro's who needs to pursue the career in Virtualization Industry and become VM Ware Certified.

This training is suitable for:

- **Candidates who want Experience in Virtualization Environment.**
- **Candidates from IT infrastructure background**
- **Candidates from development and testing background**
- **Candidates from virtualization environment**
- **Fresher's from IT infrastructure knowledge**

Course Curriculum and Duration:

We provide both Class-room Training and Offline Training.

Duration: 40Hrs.

Week days (Mon- Fri 2Hrs per day)

Weekend batches (Sat-Sun 4Hrs per day)

1: Introducing VMware vSphere 6.0
We begin with a general overview of all the products that make up the vSphere 6.0 product suite. This chapter also covers vSphere licensing and provides some examples of benefits that an organization might see from adopting vSphere as its virtualization solution.

2: Planning and Installing VMware ESXi
This looks at selecting the physical hardware, choosing your version of VMware ESXi, planning your installation, and installing VMware ESXi, both manually and in an unattended fashion.

3: Installing and Configuring vCenter Server
In this , I dive deep into planning your vCenter Server environment. vCenter Server is a critical management component of vSphere, and so this chapter discusses the proper design, planning, installation, and configuration for vCenter Server.

4: vSphere Update Manager and the vCenter Support Tools
This describes what is involved in planning, designing, installing, and configuring the vSphere Update Manager. You will use vCenter Update Manager to keep your vSphere environment patched and up-to-date.

5: Creating and Configuring Virtual Networks
The virtual networking chapter covers the design, management, and optimization of virtual networks, including new features like the vSphere Distributed Switch and other third-party switches. In this chapter I also initiate discussions and provide solutions on how to integrate the virtual networking architecture with the physical network architecture while maintaining network security.

6: Creating and Configuring Storage Devices
This in-depth chapter provides an extensive overview of the various storage architectures available for vSphere. In this chapter I discuss Fibre Channel, iSCSI, and NAS storage design and optimization techniques as well as storage features like thin provisioning, multipathing, and roundrobin load balancing.

7: Ensuring High Availability and Business Continuity
This exciting chapter covers the hot topics regarding business continuity and disaster recovery. I provide details on building highly available server clusters in virtual machines. In addition, this chapter discusses the use of vSphere High Availability (HA) and vSphere Fault Tolerance (FT) as ways of providing failover for virtual machines running in a vSphere environment. I also discuss backup options using vSphere's Storage APIs.

8: Securing VMware vSphere
Security is an important part of any implementation, and in this chapter I cover different security management aspects, including managing direct ESXi host access and integrating vSphere with Active Directory. This chapter also covers how to manage user access for environments with multiple levels of system administration and how to employ Windows users and groups in conjunction with the vSphere security model to ease the administrative delegation that comes with enterprise-level deployments.

9: Creating and Managing Virtual Machines
This chapter introduces the practices and procedures involved in provisioning virtual machines through vCenter Server. In addition, you are introduced to timesaving techniques,

virtual machine optimization, and best practices that will ensure simplified management as the number of virtual machines grows larger over time.

10: Using Templates and vApps

Introduces the idea of templates, a mechanism for more rapidly deploying standardized VM images. I also discuss cloning and the concept of a vApp a specialized container used by vSphere for the distribution of multi-VM environments. In addition, I discuss the OVF standard used by VMware and other vendors for distributing VMs.

11: Managing Resource Allocation

In this I provide a comprehensive look at managing resource allocation. From individual virtual machines to resource pools and clusters of ESXi hosts, this chapter explores how resources are consumed in vSphere and addresses the mechanisms you can use reservations, limits, and shares to manage and modify that resource allocation.

12: Balancing Resource Utilization

Resource allocation is not the same as resource utilization, and this chapter follows up the discussion of resource allocation in Chapter 11 with a look at some of the ways vSphere offers to balance resource utilization. In this chapter, you will learn about vSphere vMotion, Enhanced vMotion Compatibility, vSphere Distributed Resource Scheduler (DRS), Storage vMotion, and Storage DRS.

13: Monitoring VMware vSphere Performance

In this I look at some of the native tools in vSphere that give virtual infrastructure administrators the ability to track and troubleshoot performance issues. The chapter focuses on monitoring CPU, memory, disk, and network adapter performance across ESXi hosts, resource pools, and clusters in vCenter Server. In this chapter you will also learn about vCenter Operations Manager.

14: Automating VMware vSphere

Many tasks VMware vSphere administrators face are repetitive, and here automation can help. In Chapter 14 we discuss several different ways to bring automation to your vSphere environment, including vCenter Orchestrator and PowerCLI.