

VMWare Training Course Syllabus

Introduction about virtualization

- VSphere Edition
- Physical and Virtual infrastructure
- Different between Physical and virtual Architecture
- Why virtualization benefit
- Resource Sharing
- Cpu and Memory
- Cloud
- Private ,public cloud and Hybrid cloud

Vcenter

- Prerequisite for Vcenter
- Vcenter management Platform
- Vcenter Architecture
- ESXi and Vcenter communication
- Single sign on
- Web client
- DataCenter Object ,inventory Folder creation
- License Creation in vsphere clinet
- How to export logs

Network

- Standard switch and Distributed switch
- Standard switch definition
- How to create port group & switch configuration
- VLAN
- Standard switch policy
- Distributed switch
- How to configurator Distributed switch
- What is PVLAN
- Difference between standard and distributed switch
- What is port binding
- What is net flow
- What is port binding
- How to migrate standard to Distributed switch

Virtual Machine creation

- What is virtual machine
- Files of the virtual machine
- Virtual Disk
- How to create a Virtual machine in Hypervisor Server

Storage

- Storage overview
- Storage protocol overview
- Data store
- VMFS-5
- Storage device naming conversions
- ISCSI and NFS
- FCOE Concept
- Creating a vmâ€™s data store

High Availability

- Introduction to Vsphere
- Recommendations
- Vsphere HA
- What is cluster ,Enable HA Configuring
- HA Architecture
- Network Partition
- FT and features of FT

DRS

- DRS Cluster Prerequisites Computer
- DRS Cluster setting
- DRS Group and Virtual machine group
- What is EVC Mode
- Affinity

Resource Monitoring

VM management

- CPU And Memory
- How to create Resource Pool
- How is share, limit and reservation

- Snapshot

- Template

- Clone

Apart from VMware course content

- P2v

- Update manager

- V2v

- Backup

