

EX052IT

VMware vSphere: Install, Configure, Manage [V.7]

Durata: 5 gg

Descrizione

Il corso VMware vSphere: Install, Configure, Manage è un corso di formazione intensivo hands-on che si concentra sull'installazione, la configurazione e la gestione di VMware vSphere 7, che include VMware ESXi™ 7 e VMware vCenter Server™ 7.

Questo corso vi darà una solida comprensione di come amministrare un' infrastruttura vSphere per un'organizzazione di qualsiasi dimensione.

Con la frequenza di questo corso, è possibile sostenere l'esame per diventare un VMware Certified Professional.

OBIETTIVI

Al termine del corso gli allievi saranno in grado di:

- Describe the software-defined data center
- Explain the vSphere components and their function in the infrastructure
- Deploy an ESXi host
- Deploy VMware vCenter® Server Appliance™
- Use a local content library as an ISO store and deploy a virtual machine
- Describe vCenter Server architecture
- Use vCenter Server to manage an ESXi host
- Configure and manage vSphere infrastructure with VMware vSphere® Client™ and VMware vSphere® Web Client
- Describe virtual networks with vSphere standard switches
- Configure standard switch policies
- Use vCenter Server to manage various types of host storage: VMware vSphere® VMFS, NFS, virtual

SAN, Fibre Channel, and VMware Virtual SAN™

- Manage virtual machines, templates, clones, and snapshots
- Create, clone, and export a vApp
- Describe and use the content library
- Migrate virtual machines with VMware vSphere® vMotion®
- Use VMware vSphere® Storage vMotion® to migrate virtual machine storage
- Monitor resource usage and manage resource pools
- Use esxtop to identify and solve performance issues
- Discuss the VMware vSphere® High Availability cluster architecture
- Configure vSphere HA
- Manage vSphere HA and VMware vSphere® Fault Tolerance
- Use VMware vSphere® Replication™ and VMware vSphere® Data Protection™ to replicate virtual machines and perform data recovery
- Use VMware vSphere® Distributed Resource Scheduler™ clusters to improve host scalability
- Use VMware vSphere® Update Manager™ to apply patches and perform basic troubleshooting of ESXi hosts, virtual machines, and vCenter Server operations

Il corso viene erogato in collaborazione con Systematika centro VATC autorizzato

A chi è rivolto?

System administrators, Systems engineers.

Contenuti

- Course Introduction
- Introduction to vSphere and the Software-Defined Data Center
- Creating Virtual Machines
- vCenter Server
- Configuring and Managing Virtual Networks
- Configuring and Managing Virtual Storage
- Virtual Machine Management
- Resource Management and Monitoring

- vSphere HA and vSphere Fault Tolerance
- Host Scalability
- vSphere Update Manager and Host Maintenance

Certificazioni

La frequenza al corso è obbligatoria per il sostenimento della certificazione VMware Certified Professional 7 - Data Center Virtualization