

VMware vSphere: What's New [V5.0]

Questo corso hands-on esplora le nuove funzioni di VMware vCenter™ Server 5.0 e VMware® ESXi™ 5.0. Gli argomenti includono l'installazione di VMware vSphere® 5 e come effettuare l'aggiornamento da vSphere 4.x a vSphere 5.0. vSphere 5.0 è la prima versione di vSphere a includere unicamente l'hypervisor ESXi.

Gli studenti che completano questo corso possono in seguito iscriversi a uno dei corsi avanzati di vSphere 5.0

Destinatari

- System administrators
- IT managers
- System architects
- Persone responsabili di implementare o gestire infrastrutture vSphere

Durata

2 giornate.

Materiale, attestato di partecipazione e certificazioni

Per tutti i corsi VMware i partecipanti riceveranno manuali ufficiali del corso (teoria e laboratori) + attestato di partecipazione VMware.

Il corso vSphere5 What's New offre la possibilità a chi è già certificato VCP4 di poter sostenere l'esame VCP510 senza alcun vincolo temporale.

Prerequisiti

Precedente partecipazione a uno dei seguenti corsi VMware vSphere 4:

- Install, Configure, Manage
- Fast Track
- What's New

o equivalente esperienza di amministrazione di vSphere 4

Argomenti

1 Course Introduction

- Introductions and course logistics
- Course objectives
- Other vSphere 5 learning resources

2 Introduction to VMware vSphere 5.0

- Key enhancements in ESXi, vCenter Server, and VMware vSphere Upgrade Manager

- Upgrade vSphere components from vSphere 4.x to vSphere 5.0, including vCenter Server, Update Manager, and ESXi

3 Virtual Machine Management

- Describe new virtual machine version 8 hardware features

- Explain virtual machine snapshot consolidation

- Describe the vCenter Solutions Manager

- Upgrade a virtual machine to version 8 hardware

- Install, register, and use the Web-based vSphere Client

4 Network Management

- Describe the ESXi firewall

- Describe new features of vNetwork distributed switches including NetFlow, port mirroring, and Link Layer Discovery Protocol

- Describe enhancements to network I/O control, including 802.1p priority tagging, user-defined virtual machine resource pools, and the host-based replication traffic pool

- Configure the ESXi firewall

- Configure and test port mirroring

5 Storage Management

- Describe new storage features, including VMFS5, Fibre Channel over Ethernet software adapters, policy-driven storage management and vStorage API for Storage Awareness, solid-state disk support, and VMware vSphere vStorage Appliance

- Describe enhanced features, including snapshot support for VMware vSphere Storage vMotion, increased storage performance, and new primitives in the vStorage API for Array Integration

- Upgrade VMFS3 to VMFS5

- Create a storage policy

6 Scalability

- Scaling enhancements to resource pools and VMware vSphere vMotion™

- Describe Storage DRS operation

- Create a datastore cluster for Storage DRS

- Configure Storage DRS

7 High Availability

- Describe enhancements to the VMware Fault Tolerance and Enhanced vMotion Compatibility features

- Describe the operation of VMware HA using the new Fault Domain Manager agents

- Create a VMware HA cluster
- ## 8 New VMware vSphere Deployment Alternatives
- Configure the Linux-based vCenter Server Appliance
 - Use Image Builder to create an installation image profile
 - Use Auto Deploy to deploy a stateless ESXi host