



Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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CODE: **DURÉE:** **PRIX H.T.:**

VMW_VLCMWS67 5 Jours €2,070.00

Description

In this three-day workshop, students perform various tasks that a system administrator performs on a regular basis. These tasks include updating and upgrading an existing basic VMware vSphere® environment and troubleshooting common problems. Students apply the concepts learned during the VMware vSphere: Install, Configure, Manage [V6.7] course while they increase their skill and competence.

Objectifs

By the end of the course, you should be able to meet the following objectives:

- Explore VMware vSphere® Distributed Switch™ configuration options
- Construct a vSphere Distributed Switch for VMware vSphere® vMotion® and VM Traffic • Discuss vSphere storage concepts
- Differentiate between VMware vSphere® VMFS and NFS datastores
- Construct an iSCSI VMkernel Interface on a vSphere Distributed Switch • Create VMFS datastores
- Describe the architecture and requirements of vSAN configuration
- Explain how to create and use vSAN disk groups and storage policies • Discuss vSphere vMotion migration workflow
- Discuss VMware vSphere® Storage vMotion® migration workflow • Complete virtual machine storage migrations
- Automate virtual machine migrations using VMware vSphere® Distributed Resource Scheduler™
- Configure vSphere DRS groups and rules • Discuss VMware vCenter Server® migration paths
- Complete a migration of Windows vCenter Server to VMware vCenter® Server Appliance™
- Discuss VMware vSphere® Update Manager™ concepts
- Perform VMware ESXi™ hosts upgrades using vSphere Update Manager • Employ host profiles to configure an ESXi host
- Configure VMware vSphere® High Availability • Demonstrate the ESXi Cluster Quickstart feature • Create a content library
- Create a virtual machine template • Create customization specifications
- Deploy a virtual machine from a template in the content library • Clone virtual machines
- Configure vCenter Server Appliance backup • Restore a vCenter Server Appliance from a backup
- Forward vCenter Server Appliance log files to Remote Syslog Server • Configure VMware vCenter Server® High Availability

Audience

System administrators and engineers, with beginner to intermediate knowledge of vSphere, who want to gain proficiency in the management of the vSphere lifecycle.

Prérequis

Completion of the VMware vSphere: Install, Configure, Manage [V6.7] course

Programme

- 1 Course Introduction • Introductions and course logistics • Overview of modules and course objectives
- 2 vSphere Networking
 - Describe vSphere Distributed Switch architecture
 - Create and configure a vSphere Distributed Switch for virtual machine and vMotion traffic
- 3 vSphere Storage
 - Migrate vSphere networking interfaces to a vSphere Distributed Switch
 - Identify storage protocols and iSCSI storage components • Create and manage VMFS and NFS datastores
 - Explain how multipathing works with iSCSI • Describe vSAN disk groups and storage policies
- 4 vSphere vMotion
 - Perform vSphere Storage vMotion migrations • Use vSphere DRS clusters to improve host scalability
 - View information about a vSphere DRS cluster • Configure DRS groups and rules
- 5 vSphere Upgrade
 - Discuss vCenter Server migration paths and steps • Migrate and upgrade vCenter Server for Windows to vCenter Server Appliance
 - Describe the architecture, components, and capabilities of vSphere Update Manager
 - Use vSphere Update Manager to manage the update of ESXi hosts
- 6 vSphere Cluster Operations

- Add ESXi hosts to vCenter Server
- Describe and use host profiles
- Customize ESXi host configuration
- Configure and manage a vSphere HA cluster
- Create and customize a cluster using the Quickstart workflow
- Configure VMware vSAN in a cluster
- Virtual Machine Management
- Define and use content libraries
- Use templates and cloning to deploy new virtual machines
- Use customization specification files to customize a new virtual machine
- 8 Native Features of vCenter Server Appliance
- Access and configure the vCenter Server Appliance management interface
- Create a vCenter Server Appliance backup schedule
- Restore vCenter Server Appliance from a backup
- Configure vCenter Server High Availability

Dates de session

Sur demande. [Merci de nous contacter](#)

Informations

Complémentaires

[Cette formation est également disponible sous forme de formation sur site. Veuillez nous contacter pour en savoir plus.](#)