



Enterprise Computing Solutions - Education Services

## TRAINING OFFERING

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**Vous pouvez nous joindre ici**

Email: [training.ecs.fr@arrow.com](mailto:training.ecs.fr@arrow.com)  
Phone: 01 49 97 50 00

<b>CODE:</b>	<b>DURÉE:</b>	<b>PRIX H.T.:</b>
VMW_VLCMWS67	40 Hours (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.](#)