

VMware vSphere: Practitioner Workshop (VLCMWS67)

ID VLCMWS67 Preis 2.070,- € (exkl. MwSt.) Dauer 3 Tage

Dieser Advanced-Kurs wird direkt von VMware durchgeführt.

Kursüberblick

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.

Product Alignment

- ESXi 6.7
- vCenter Server 6.7

Zielgruppe

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

Voraussetzungen

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

Kursziele

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
- 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™
- 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
- Forward vCenter Server Appliance log files to a remote syslog server
- Configure VMware vCenter Server® High Availability

Kursinhalt

- Course Introduction
- vSphere Networking
- vSphere Storage
- vSphere vMotion
- vSphere Upgrade
- vSphere Cluster Operations
- Virtual Machine Management
- Native Features of vCenter Server Appliance

Detailierter Kursinhalt

Course Introduction

- Introductions and course logistics
- Overview of modules and course objectives

vSphere Networking

- Describe vSphere Distributed Switch architecture
- Create and configure a vSphere Distributed Switch for virtual machine and vMotion traffic
- Migrate vSphere networking interfaces to a vSphere Distributed Switch

vSphere Storage

- Identify storage protocols and iSCSI storage components
- Create and manage VMware vSphere VMFS and NFS datastores
- Explain how multipathing works with iSCSI

vSphere vMotion

- Perform vSphere Storage vMotion migrations
- Use vSphere DRS clusters to improve host scalability
- View information about a vSphere DRS cluster

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

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

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

Native Features of vCenter Server Appliance

- Access and configure the vCenter Server Appliance management interface
- Create a vCenter Server Appliance backup schedule
- Configure vCenter Server High Availability

Über Fast Lane



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Trainingsmethoden

- ✓ Klassenraumtraining
- ✓ Instructor-Led Online Training
- ✓ FLEX Classroom – Klassenraum und ILO kombiniert
- ✓ Onsite & Customized Training
- ✓ E-Learning
- ✓ Blended & Hybrid Learning
- ✓ Mobiles Lernen

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