

# VMware vSphere: Install, Configure, Manage [V6.7]

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### About this Course:

This course prepares you to administer a vSphere infrastructure for an organization of any size. It is the foundation for most VMware technologies in the software-defined data center and helps accelerate the transformation to cloud computing.

### Course Goals:

Describe the software-defined data center

- Explain the vSphere components and their function in the infrastructure
- Add ESXi hosts to a VMware vCenter® Server Appliance™ instance
- Manage 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

## Host Client™ and VMware vSphere® 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, iSCSI, and RDM
- Examine the features and functions of Fibre Channel and VMware vSAN™
- Manage virtual machines, templates, clones, and snapshots
- Migrate virtual machines with VMware vSphere® vMotion®
- Migrate virtual machine storage with VMware vSphere® Storage vMotion®
- Monitor resource usage, and manage resource pools
- Discuss the VMware vSphere® High Availability (vSphere HA) 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
- Identify troubleshooting methodology to logically diagnose faults and improve troubleshooting efficiency

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## Audience:

- System administrators
- System engineers



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## Course Format:

	
<b>Присъствен (Classroom)</b> Курс в Учебната ни зала или В Офис на Клиент	<b>Онлайн (Online/Virtual)</b> Курс във виртуална зала с инструктор

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## Course Language Option

	
<b>Български (Bulgarian)</b>	<b>Английски (English)</b>

You can choose the language in which the training will be conducted – Bulgarian or English. All our instructors are fluent in English.

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## Student Guides:



The training materials are available in electronic format. They can be used online / offline on any device. Lifetime access.

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## Lab Environment:



Each student has their own lab environment where the exercises are conducted, part of the course. You do not need to install software on a computer or special hardware requirements. Participants in a face-to-face format in our Training Center have an individual computer during the training.

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At Course

Completion:

Lifetime Access - Video Archive 24/7	Certificate of Course Completion

**Lifetime access to a video archive with recording of each individual lecture.**

**Official internationally recognized certificate for completed training course.**

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## **Course Duration:**



- 5 working days (09:00 – 17:00)  
40 hours training, (theory and practice) in non-working hours lasting 4 weeks  
Saturday and Sunday 10:00 – 14:00, 14:00 – 18:00, 18:00 – 22:00  
Monday and Wednesday 19:00 – 23:00  
Tuesday and Thursday 19:00 – 23:00
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## **Payments :**



An application for an invoice is accepted at the time of enrollment in the respective course.

An invoice is issued within 7 days of confirming the payment.

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## Next Class:



- There are no upcoming events.

For more information, use the contact format. We will contact you to confirm the data.

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## Prerequisites:

- System administration experience on Microsoft Windows or Linux operating systems