



*Training Course:*  
*VMware vSphere: Administration and*  
*Managemnt*

*1 - 5 July 2024*  
*Boston (USA)*

## Training Course: VMware vSphere: Administration and Management

Training Course code: IT234923 From: 1 - 5 July 2024 Venue: Boston (USA) - Training Course Fees: 6820 € Euro

### Introduction

This five-day training course provides hands-on training to equip students with a range of skills, from performing routine VMware vSphere® 7 administrative and management tasks to complex vSphere operations and configurations. Through activities, participants are immersed in real-life situations faced by VMBeans, a fictitious company. These situations expose students to real-life scenarios faced by companies that are building and scaling their virtual infrastructure.

### Training Objectives

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

- Configure and manage complex storage solutions in a vSphere environment including NFS, iSCSI, and so on
- Configure and manage complex, scalable vSphere networking operations vSphere Standard Switch and Distributed Switches
- Deploy, manage, and optimize virtual machines advanced configuration, content library, latency-sensitive workloads, and more
- Manage business continuity and operations in your vSphere environment VMware vCenter® Server Appliance file-based backup, VMware vCenter Server® profiles, host profiles, and so on
- Plan and implement increased vSphere security use a Key Provider, VM Encryption, CPU scheduler remediations, and so on
- Troubleshoot the vSphere environment
- Use VMware vSphere® Lifecycle Manager to upgrade to VMware ESXi hosts and virtual machines VUM, image-based clusters, and so on
- Implement vSphere cluster solutions Cluster QuickStart wizard, VMware vSphere® Distributed Resource Scheduler, VMware vSphere® High Availability, VMware vSAN, and so on
- Implement resource optimizations to streamline vSphere deployments
- Create an advanced configuration of vCenter Server including an identity source

### Course Outlines

#### INTRODUCTION

- Introductions and course logistics
- Course objectives
- Introduction to fictitious company: VMBeans

#### CONFIGURE AND MANAGE YOUR VSPHERE ENVIRONMENT

- Perform various vCenter Server configurations
- Configure an external identity source
- Configure virtual networking with advanced options

- Configure and manage advanced storage configurations
- Configure vSphere clusters also using Cluster QuickStart

## MANAGEMENT AND OPERATIONS IN YOUR DATA CENTER

- Collect vSphere log files
- Configure vCenter Server file-based backup
- Working with vCenter Server profiles
- Configure and manage advanced cluster settings
- Create and configure advanced host options
- Create and manage host profiles
- Manage and remediate clusters using vSphere Lifecycle Manager
- Create and configure a Content Library
- Update a managed virtual machine template
- Configure a central VMware Tools™ installation repository
- Manage vSphere roles and permissions

## TROUBLESHOOT YOUR DATA CENTER ENVIRONMENT

- Troubleshoot vSphere configuration issues
- Troubleshoot resource pool configuration issues
- Troubleshoot network and storage issues
- Troubleshoot ESXi host issues
- Troubleshoot vCenter Server resource issues

## INCREASING SECURITY IN YOUR DATA CENTER

- Create and manage a Key Management solution
- Create an encrypted virtual machine
- Configure CPU scheduler options to achieve security remediations

## PERFORMANCE AND OPTIMIZATION IN YOUR DATA CENTER

- Manage advanced virtual machine configurations
- Identify and implement vSphere resource optimization opportunities

## Registration form on the Training Course: VMware vSphere: Administration and Managemnt

Training Course code: IT234923 From: 1 - 5 July 2024 Venue: Boston (USA) - Training Course Fees: 6820 € Euro

Complete & Mail or fax to Global Horizon Training Center (GHTC) at the address given below

### Delegate Information

Full Name (Mr / Ms / Dr / Eng): .....  
 Position: .....  
 Telephone / Mobile: .....  
 Personal E-Mail: .....  
 Official E-Mail: .....

### Company Information

Company Name: .....  
 Address: .....  
 City / Country: .....

### Person Responsible for Training and Development

Full Name (Mr / Ms / Dr / Eng): .....  
 Position: .....  
 Telephone / Mobile: .....  
 Personal E-Mail: .....  
 Official E-Mail: .....

### Payment Method

- ☐ Please find enclosed a cheque made payable to Global Horizon
- ☐ Please invoice me
- ☐ Please invoice my company

### Easy Ways To Register

Telephone:  
+201095004484 to  
provisionally reserve your  
place.

Fax your completed  
registration  
form to: +20233379764

E-mail to us :  
info@gh4t.com  
or training@gh4t.com

Complete & return the  
booking form with cheque  
to: Global Horizon  
3 Oudai street, Aldouki,  
Giza, Giza Governorate,  
Egypt.