
VMware vCloud: Overview

Duration: 1 Days Course Code: VMCO

Overview:

In this course, technical personnel will learn how the VMware® vCloud™ solution delivers IT services in a cloud environment. Focusing on enterprise usage in a private cloud, you will also learn how this approach supports moving to a hybrid or public cloud. Performing hands-on labs, you'll learn how IT resources are delivered and consumed in a vCloud environment. Instructors will demonstrate the basics of how the vCloud solution abstracts, allocates, and meters IT resources in a vCloud environment. This course is not VMware vCloud Director system administration training. The focus is on demonstrating the features and benefits of the vCloud solution rather than the details of how to install, configure, and manage the components

Target Audience:

Technical influencers, high-level managers, and IT decision makers Consultants, engineers, and first-line support people wanting a first look at the vCloud solution

Objectives:

- How cloud computing benefits IT departments and their users
 - How IT resources are delivered, consumed, metered, and security in a vCloud environment
 - How the VMware product portfolio supports the cloud computing approach
-

Prerequisites:

- Thorough understanding of virtualization and vSphere capabilities are helpful
-

Content:

1. Introducing VMware vCloud

- Characteristics of delivering IT services in the cloud for consumers and providers
- Three cloud deployment environments
- Three types of services delivered in the cloud and the related VMware products
- VMware vCloud Director constructs used to abstract, allocate, and deliver resources
- Purpose of each vCloud component
- Benefits cloud computing offers to IT organizations

2. IT Server Delivery

- How organization administrators deliver IT resources in a vCloud environment
- Manage and control access to content components, including catalogs, vApps, vApp templates, and media
- How to share content between organizations
- Purposes of leases, quotes, and limits

3. Building a Private Cloud

- Eight basic tasks to provision and allocate resources
- How each of the three resource allocation models allocate resources to an organization's virtual design and construction (vDC)
- Three types of networks used in a private cloud
- Function of network pools
- Compare the three network pool backing options
- Three types of organization networks
- Controls vCloud Director uses to secure networks
- How to scale vCloud Director to large environments

4. Cost Analysis and Reporting

- Function of each vCenter Chargeback architectural component
- Basic workflow of using vCenter Chargeback in a vCloud infrastructure
- Which resources vCenter Chargeback meters
- Components of a cost model
- How cost models are used to generate reports
- Additional vCloud resources

Further Information:

For More information, or to book your course, please call us on 00 971 4 446 4987

training@globalknowledge.ae

www.globalknowledge.ae

Global Knowledge, Dubai Knowledge Village, Block 2A, First Floor, Office F68, Dubai, UAE