

VMware Cloud on AWS: Deploy and Manage

Course Overview

This three-day course teaches you skills for deploying and managing a VMware Cloud™ on AWS infrastructure. Through a mix of lecture and labs, you deploy and manage the VMware Cloud on AWS and VMware vSphere® features that build a foundation for a hybrid infrastructure. You also discuss when and where these features have the greatest effect.

Anyone planning to migrate, build, or hybridize with VMware Cloud on AWS will benefit from this course.

Course Objectives

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

- Describe the architecture of VMware Cloud on AWS
- Deploy a VMware Cloud on AWS SDDC and Virtual Machines (VMs)
- Configure internal, external, and inter-SDDC networking
- Describe and configure storage integrations and solutions for VMware Cloud on AWS
- Configure a connection between an on-premises vSphere SDDC and a VMware Cloud on AWS SDDC
- Configure the scale-up and scale-down of a VMware Cloud on AWS SDDC
- Migrate virtual machines between on-premises vSphere and VMware Cloud on AWS SDDCs
- Describe additional services that add value to a VMware Cloud on AWS SDDC
- Describe lifecycle, troubleshooting scenarios, and support resources for a VMware Cloud on AWS SDDC

Target Audience

Experienced system administrators, system engineers, and system integrators

Prerequisites

Before taking this course, students should take the following courses or have equivalent knowledge and experience:

- [VMware vSphere: Install, Configure, Manage](#)
- [VMware vSAN and HCI Fundamentals](#)
- [Introduction to Network Virtualization with NSX](#)

Course Delivery Options

- Classroom
- Live Online
- Onsite
- [On Demand](#)

Product Alignment

- VMware Cloud on AWS
- VMware ESXi™ 7.0
- VMware vCenter Server® 7.0
- VMware vSAN™ 7.0
- VMware NSX-T™ Data Center 2.5

Course Modules

1 Course Introduction

- Introductions and course logistics
- Course objectives

2 Introduction to VMware Cloud on AWS

- Why choose VMware Cloud on AWS
- Overview of VMware Cloud on AWS
- Billing and pricing

3 Managing the SDDC and Creating Virtual Machines

- Creating and managing users in VMware Cloud on AWS
- Deploying and accessing SDDCs
- Creating Virtual Machines

4 Networking in VMware Cloud on AWS

- Overview of VMware Cloud on AWS networking
- Networking design of VMware Cloud on AWS
- Networking operations
- Inter-SDDC networking

5 Storage on VMware Cloud on AWS

- vSAN in VMware Cloud on AWS
- Stretched clusters
- External storage integrations and solutions

6 Working with On-Premises vSphere

- Hybrid linked mode
- Hybrid Cloud Extension
- Migrating Virtual Machines
- vSphere permissions

7 Scaling the SDDC and Managing Hosts

- Sizing the SDDC
- Cluster management
- Adding and removing hosts
- Host remediation

8 Resource Management and Availability

- Managing Elastic DRS for VMware Cloud on AWS
- Evaluating VMware vSphere® Distributed Resource Scheduler™ and VMware vSphere®
- High Availability configurations in VMware Cloud on AWS

9 Using Other VMware Products with the SDDC

- Site Recovery Add-On Service
- Project Dimension: VMware Cloud™ on AWS Outposts and VMware Cloud™ on Dell EMC
- VMware Horizon®
- VMware vRealize® Suite
- VMware Cloud Marketplace™
- APIs with VMware Cloud on AWS

10 Maintaining and Troubleshooting VMware Cloud on AWS

- Best practice maintenance
- Support and staying up to date
- Common troubleshooting steps
- Next steps in using VMware Cloud on AWS

Contact

If you have questions or need help registering for this course, click [here](#).



VMware, Inc. 3401 Hillview Avenue Palo Alto CA 94304 USA Tel 877-486-9273 Fax 650-427-5001 www.vmware.com

© 2020 VMware, Inc. All rights reserved. The product or workshop materials is protected by U.S. and international copyright and intellectual property laws. VMware products are covered by one or more patents listed at <http://www.vmware.com/download/patents.html>. VMware is a registered trademark or trademark of VMware, Inc. in the United States and/or other jurisdictions. All other marks and names mentioned herein may be trademarks of their respective companies.

VMware warrants that it will perform these workshop services in a reasonable manner using generally accepted industry standards and practices. THE EXPRESS WARRANTY SET FORTH IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS, IMPLIED, STATUTORY OR OTHERWISE INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THE SERVICES AND DELIVERABLES PROVIDED BY VMWARE, OR AS TO THE RESULTS WHICH MAY BE OBTAINED THEREFROM. VMWARE WILL NOT BE LIABLE FOR ANY THIRD-PARTY SERVICES OR PRODUCTS IDENTIFIED OR REFERRED TO CUSTOMER. All materials provided in this workshop are copyrighted by VMware ("Workshop Materials"). VMware grants the customer of this workshop a license to use and make reasonable copies of any Workshop Materials strictly for the purpose of facilitating such company's internal understanding, utilization and operation of its licensed VMware product(s). Except as set forth expressly in the sentence above, there is no transfer of any intellectual property rights or any other license granted under the terms of this workshop. If you are located in the United States, the VMware contracting entity for the service will be VMware, Inc., and if outside of the United States, the VMware contracting entity will be VMware International Limited.