

VMware Cloud on AWS: Deploy, Configure, Manage

Course Overview

This four-day, hands-on training course provides you with the knowledge, skills, and tools for deploying and managing a VMware Cloud™ on AWS infrastructure. You explore the common use cases of the VMware Cloud on AWS infrastructure that allows you to modernize, protect, and scale applications based on VMware vSphere® that leverage AWS.

In this course, you are introduced to various rapid and easy migration options for workloads based on vSphere to VMware Cloud on AWS. In addition, you are presented with VMware Cloud Disaster Recovery™, which is a Disaster Recovery as-a-service (DRaaS) solution, with fast recovery capabilities, that can be used to cost-effectively protect a broad set of your virtualized applications.

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 and configure disaster recovery solutions
- 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](#)
- [VMware NSX-T Data Center: Install, Configure, Manage](#)

Course Delivery Options

- Classroom
- Live Online
- [Private Training](#)

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

BETA

Course Modules

1 Course Introduction

- Introductions and course logistics
- Course objectives

2 Introduction to VMware Cloud on AWS

- Why choose VMware Cloud on AWS
- Management and operational structure

3 VMware Cloud on AWS Platform and SDDC Deployment Preparation

- Getting started with VMware Cloud on AWS
- Preparing AWS infrastructure for a VMware Cloud on AWS deployment
- Setting up a VMware on Cloud AWS account
- Billing and pricing on VMware Cloud services

4 Deploying and Scaling and SDDC

- Deploying and examining SDDC configurations
- Sizing the SDDC
- SDDC cluster management
- SDDC host management
- Optimizing and maintaining an SDDC cluster using Elastic DRS for VMware Cloud™ on AWS

5 Accessing and Analyzing vCenter Configurations

- Accessing vCenter Server in the Cloud SDDC from the public internet
- Creating virtual machines in the Cloud SDDC
- Analyzing HA, DRS, and resource pools settings in the SDDC
- Analyzing vSphere permissions

6 Networking in VMware Cloud on AWS

- Internal SDDC network
- Networking and security options
- Inter-SDDC networking

7 Storage on VMware Cloud on AWS

- vSAN storage in VMware Cloud on AWS
- Attaching external storage to a VM running on an SDDC

8 Working with On-Premises vSphere

- Hybrid linked mode
- VMware Cloud on AWS migration solutions
- Virtual machine migration with VMware Hybrid Cloud Extension

9 Maintaining and Troubleshooting VMware Cloud on AWS

- Accessing API with VMware Cloud on AWS
- Maintenance and support
- Common troubleshooting steps

10 Disaster Recovery Solution

- Site Recovery add-on service
- VMware Cloud Disaster Recovery

11 Using Other VMware Products with the SDDC

- VMware vRealize® Log Insight Cloud™
- VMware Horizon® with VMware Cloud on AWS
- VMware vRealize® Automation Cloud™ add-on

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

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