

### Description

This full-day, introductory-level course provides a technical introduction to VMware Cloud on AWS. It introduces you to the core architecture of the VMware Cloud on AWS software-defined data center (SDDC) service, including the foundational VMware compute, storage, networking, and management components and how they interact with AWS services. The course presents use cases for the VMware Cloud on AWS service, discussing both VMware native and AWS integrated solutions. It provides you with a view into how the service is delivered, the steps required to deploy the service and integrate it with on-premises VMware environments, how customer accounts and billing are handled, and how to scale and optimize a VMware Cloud on AWS environment.

### Intended Audience

This course is intended for:

- Technical solutions architects
- Account managers with an interest in the VMware Cloud on AWS service

### Course Objectives

In this course, you will learn how to:

- Describe the VMware Cloud on AWS technical architecture
  - Foundational compute, network, storage, and management
  - AWS services included in the VMware Cloud on AWS service
- Engage customers in VMware Cloud on AWS technical discussions
- Design a solution architecture for a VMware Cloud on AWS implementation
- Identify key use cases for VMware Cloud on AWS
  - Native VMware Cloud on AWS workloads
  - VMware Cloud on AWS workloads integrated with AWS services
- Discuss AWS account structure and billing of VMware Cloud on AWS

### Prerequisites

We recommend that attendees of this course have the following:

- *AWS Technical Professional*
- Familiarity with cloud computing concepts
- Familiarity with VMware technologies

### Delivery Method

This course is delivered through:

- Classroom training

**Note:** There are no technical lab exercises in this course.

### Duration

Full day (eight hours)

### Course Outline

This course covers the following concepts:

- Introduction to the VMware Cloud on AWS service
  - Deployment requirements
  - Benefits

- VMware Cloud on AWS use cases
  - VMware native
    - Data center evacuation
    - Data center extension
    - Disaster recovery
    - Enterprise application modernization
  - AWS integrated
- VMware Cloud on AWS core architecture and components
  - Compute
  - Network
  - Storage
  - Management
  - Integrated AWS services
- VMware Cloud on AWS configuration and deployment
- VMware Cloud on AWS integration with native AWS services