

# VMware Cloud on AWS: Deploy, Configure, Manage 2021 (AWSDCM2021)

ID AWSDCM2021 Price on request Duration 4 days

## Who should attend

Experienced system administrators, system engineers, and system integrators

## This course is part of the following Certifications

VMware Certified Professional – VMware Cloud 2024 (VCP-VMC 2024)

## 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 Objectives

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

- Describe the architecture of VMware Cloud on AWS
- Prepare and deploy VMware Cloud on AWS SDDC
- Configure the scale-up and scale-down of a VMware Cloud on AWS SDDC
- Access a VMware vCenter® configuration in VMware Cloud on AWS
- Configure internal, external, and inter-SDDC networking
- 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
- Migrate VMs between on-premises vSphere and VMware Cloud on AWS SDDCs
- Describe lifecycle management, troubleshooting scenarios, and disaster recovery solutions for a VMware Cloud on AWS SDDC
- Describe how VMware add-on solutions support a VMware Cloud on AWS SDDC

## Course Content

### Course Introduction

- Introductions and course logistics
- Course objectives

### Introduction to VMware Cloud on AWS

- Choosing VMware Cloud on AWS
- Management and operational structure

### 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

### Deploying and Scaling and SDDC

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

### Accessing and Analyzing vCenter Configurations

- Accessing vCenter Server in the Cloud SDDC
- Creating virtual machines in the Cloud SDDC
- Analyzing resource management settings in the SDDC
- Analyzing vSphere permissions

### Networking in VMware Cloud on AWS

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

### Storage on VMware Cloud on AWS

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

## Working with On-Premises vSphere

- Hybrid linked mode
- Migration solutions for VMware Cloud on AWS
- VM migration with VMware HCX®

## Maintaining and Troubleshooting VMware Cloud on AWS

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

## Disaster Recovery Solution

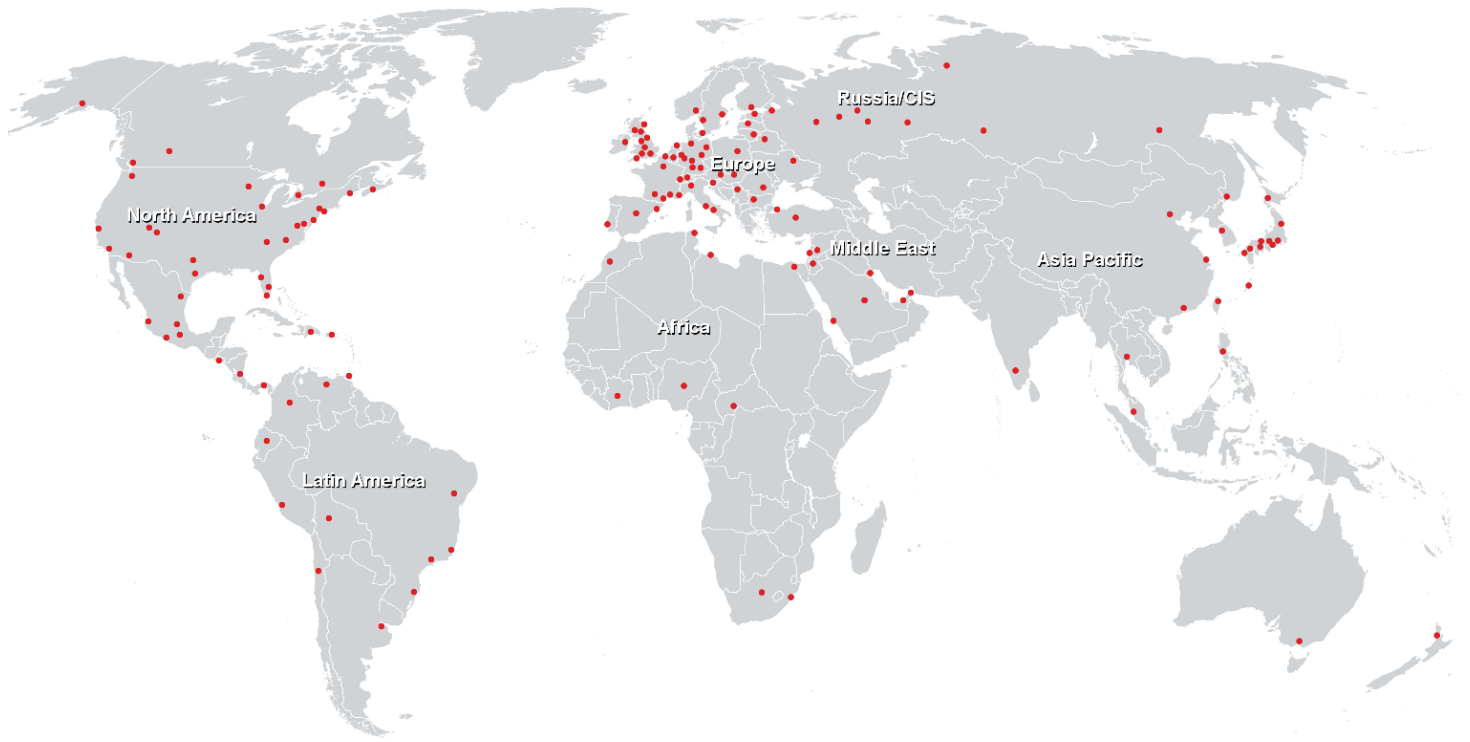
- Site Recovery add-on service
- VMware Cloud Disaster Recovery™

## 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
- Using VMware vRealize® Operations™ with VMware Cloud on AWS
- Using VMware vRealize® Network Insight™ with VMware Cloud on AWS

# VMware Cloud on AWS: Deploy, Configure, Manage 2021 (AWSDCM2021)

## Training Centres worldwide



### Fast Lane Institute for Knowledge Transfer GmbH

Husacherstrasse 3  
CH-8304 Wallisellen  
Tel. +41 44 832 50 80

info@flane.ch, <https://www.flane.ch>