

## COURSE OUTLINE

# CXD-253: Citrix Virtual Apps and Desktops Service on Amazon Web Services

**Duration:** 2 Days

**Prerequisites:**

Required:

Experience deploying and managing Citrix Virtual Apps and Desktops 7 in on-premises environment.

Recommended:

Basic knowledge of the Amazon Web Services platform including Virtual Machines, Networking and Storage.

**Course Description:**

In this Citrix Virtual Apps and Desktops Service on Amazon Web Services training, you will learn how to provide remote access to AWS-based published resources using Citrix Workspace, Citrix StoreFront, and Citrix Gateway. The remote access learning content is applicable to Citrix Cloud and Citrix on-premises deployments. You will also learn valuable leading practices for maintaining and managing your Citrix Virtual Apps and Desktops Service deployment, including deployments integrated with AWS, such as power management and the use of Autoscale. Together with the hands-on lab exercises, this course gives you the opportunity to create a successful Citrix Virtual Apps and Desktops Service deployment on AWS.

**Course Objectives:**

- Prepare the AWS environment for secure integration with Citrix Virtual Apps and Desktops Service
- Deploy and manage Virtual Delivery Agent machines in AWS using Machine Creation Services
- Integrate Citrix Cloud and Citrix Virtual Apps and Desktops with AWS Active Directory Service
- Design Machine Catalogs and virtual machines on AWS
- Provide remote access with Citrix Workspace, Citrix StoreFront, and Citrix Gateway on AWS.

**Course Outlines**

- 1)Deployment models and migration paths
  - CVAD Service on AWS and Cloud Computing
  - Citrix Virtual Apps and Desktops Service on AWS Deployment Options
  - Supported migration paths to a CVAD Service on AWS deployment
- 2)Components Products and Services required for a CVAD Service on AWS
  - AWS products components and services
  - Citrix components products and services
  - Active Directory requirements and options
  - Integration between CVAD Service and AWS Resource Locations
  - Management consoles
  - Control billing costs within an AWS Resource Location
- 3)Creating Resource Locations on AWS
  - Set up a resource location in AWS
  - Install Cloud Connectors
  - Creating a Master image on AWS for use with MCS
- 4)Connecting CVAD Service to AWS and MCS Provisioning
  - Host Connections Connecting CVAD Service to AWS Cloud
  - Provisioning VMs in AWS using MCS
- 5)Providing Access to End Users
  - Workspace and StoreFront in CVAD Service Deployments
  - Gateway Service vs Gateway onpremise
  - Connectivity options for multilocation deployments
- 6)Maintaining a CVAD Service on AWS Deployment
  - Infrastructure maintenance requirements for Citrix Cloud and with AWS as a Best practice for maintaining AWS based resource locations
  - Power management options for VDAs in AWSbased resource locations
- 7)Supporting your Deployment
  - Citrix SelfHelp Support Offerings
  - Common deployment problem resolution examples

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