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Learning Style: Virtual Classroom

Technology: Citrix

Difficulty: Intermediate

Course Duration: 2 Days

Citrix DaaS Deployment and Administration (CWS-255)



About this Course:

In this course you will learn how to create a new Citrix DaaS deployment and how to migrate to Citrix DaaS from an on-premises Citrix Virtual Apps and Desktops Site. Get hands-on as the course guides you through the architecture,

communications, management, installation, and configuration of Citrix DaaS on Citrix Cloud and resource locations that the host apps and desktops for your users.

This course is a necessary step in enabling you with the right training and skills, to not only understand, manage, and deliver successfully, but also to make well-informed planning decisions along the way.

Course Objectives:

- Understand the differences between Citrix Virtual Apps and Desktops 2402 LTSR on-premises and the Citrix DaaS.
- Install, configure, and manage Citrix Cloud Connectors.
- Create Citrix DaaS workloads.
- Deliver app and desktop resources to users.
- Migrate existing on-premises Citrix Virtual Apps and Desktops 2402 LTSR infrastructure to Citrix Cloud.

Audience:

Senior Engineers and Architects responsible for creating architectures for Veeam environments.

Prerequisites:

Strong foundational knowledge of: Windows Server and Desktop operating systems. Active Directory, Policies, Profiles, Networking and Hypervisors.

Course Outline:

Module 1: Introduction to Citrix DaaS

- New Citrix Workspace Packaging
- Citrix Virtual Apps and Desktops – On Premises Site
- What is Citrix Cloud?
- Why Citrix DaaS?
- What is a Migration from Citrix Virtual Apps and Desktops to Citrix DaaS?
- Citrix Cloud Administration

Module 2: Citrix DaaS Architecture, Security, and Operations

- Architecture and Deployment Options
- Citrix DaaS Security
- Citrix DaaS Operations

Module 3: Citrix Cloud Connectors

- Cloud Connector Architecture
- Cloud Connector Services and Communications Overview
- Cloud Connector Operations in a Resource Location

Cloud Connector Resiliency
Installing, Updating, and Removing Cloud Connectors
Supported Domain Scenarios for Cloud Connectors
Securing Cloud Connector Communications
Local Host Cache (LHC)
Citrix Cloud Connector vs Delivery Controller Operations

Module 4: Citrix DaaS Resource Locations

Citrix DaaS Resource Locations
Citrix DaaS Hosting Connections
Zones

Module 5: Active Directory, Authentication, and Authorization

Active Directory Design Options
Desktops from Non-Domain Joined VDAs
Citrix Federated Authentication Service and Identity Provider Services

Module 6: Provisioning VDA Workloads and Delivering Resources

Master Images
Machine Creation Services (MCS) in Citrix DaaS
Citrix Provisioning in Citrix DaaS
Machine Catalogs
Delivery Groups

Module 7: Provide Access in Citrix Cloud

Selecting Between Citrix digital workspace experience and StoreFront
Citrix StoreFront and Citrix digital workspace experience Communications
Selecting Between Citrix Gateway Service and On-Premises Citrix Gateway
Access Layer Communications
User Authentication

Module 8: Citrix DaaS Administration

Citrix Cloud Manage and Monitor
Delegated Administration
Citrix DaaS Remote PowerShell Software Development Kit
Manage Multiple Resource Location

Module 9: Public Cloud Considerations

General Public Cloud Considerations
Using Autoscale to Power Manage Machines in a Public Cloud
Microsoft Azure as a Citrix DaaS Resource Location
Amazon Web Services as a Citrix DaaS Resource Location
Google Cloud as a Citrix DaaS Resource Location

Module 10: Operations and Support in Citrix Cloud

- Citrix Cloud Connector Support
- Updating and Rolling Back Machine Catalogs
- VDA Restore
- Citrix Self-Help Strategy
- Monitor Your Environment

Module 11: Migrating to Citrix DaaS from Citrix Virtual Apps and Desktops

- Citrix Cloud Migration Options and Considerations
- Citrix Automated Configuration Tool
- Citrix Image Portability Service