

CWS-255 Citrix DaaS Deployment and Administration

Course Duration: 16 Hrs.

Course Code: CWS-255

Course Overview

A Citrix DaaS (Desktop as a Service) administration course, CWS-255, focuses on equipping IT professionals with the skills to deploy, manage, and administer Citrix DaaS solutions, including understanding architecture, security, resource locations, and migrating from on-premises Citrix Virtual Apps and Desktops.

What you'll learn?

- ❖ 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.

Target Audience

- ❖ System engineers
- ❖ network engineer
- ❖ Admin
- ❖ Infrastructure professionals.

Pre-Requisites

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

Course Content

Module 1: Introduction to Citrix DaaS.

- Citrix Virtual Apps and Desktops
- 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
- Desktop 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 communication
- User Authentication
- Citrix Cloud Manage and Monitor

Module-8: Manage and Monitor Citrix Cloud

- Delegated Administration
- Citrix DaaS Remote PowerShell Software Development
- Manage Multiple Resource Locations

Module 9: Public Cloud Considerations.

- General Public Cloud Considerations.
- Using Auto scale to Power Manage Machines in a Public Cloud.
- Microsoft Azure 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