

CWS-255 - Citrix DaaS Deployment and Administration



Days: 2

Prerequisites: Strong foundational knowledge of Windows Server and desktop operating systems, Active Directory, policies, profiles, networking, and hypervisors is recommended. Prior Citrix Virtual Apps and Desktops administration training or equivalent experience is helpful.

Audience: Citrix administrators and engineers who need to deploy, administer, or migrate environments to Citrix DaaS.

Description: This two-day instructor-led course teaches students to create a Citrix DaaS deployment and migrate from an on-premises Citrix Virtual Apps and Desktops site. Students explore Citrix Cloud architecture, connectors, resource locations, identity, workload provisioning, user access, administration, public cloud considerations, operations, support, and migration.

Course Objectives: Upon completion of this course, students will:

- Compare on-premises Citrix Virtual Apps and Desktops with Citrix DaaS.
- Install, configure, secure, and manage Citrix Cloud Connectors.
- Create Citrix DaaS workloads and deliver application and desktop resources.
- Administer resource locations, identity, access, monitoring, and delegated permissions.
- Plan for Azure, AWS, and Google Cloud resource locations.
- Migrate existing on-premises Citrix infrastructure to Citrix Cloud.

OUTLINE:

MODULE 1: INTRODUCTION TO CITRIX DAAS

- Citrix Workspace packaging
- On-premises sites and Citrix Cloud
- Citrix DaaS benefits and migration concepts

MODULE 2: ARCHITECTURE, SECURITY, AND OPERATIONS

- Architecture and deployment options
- Security
- Operations

MODULE 3: CITRIX CLOUD CONNECTORS

- Architecture, services, and communications
- Resource-location operations and resiliency
- Installation, updates, security, and Local Host Cache

MODULE 4: RESOURCE LOCATIONS

- Hosting connections
- Zones

MODULE 5: IDENTITY AND AUTHORIZATION

- Active Directory design
- Non-domain-joined VDAs
- Federated Authentication Service and identity providers

MODULE 6: PROVISIONING AND DELIVERY

- Master images
- Machine Creation Services and Citrix Provisioning
- Machine catalogs and delivery groups

MODULE 7: PROVIDING ACCESS

- Digital workspace experience and StoreFront
- Gateway options and access communications
- User authentication

MODULE 8: CITRIX DAAS ADMINISTRATION

- Manage and Monitor
- Delegated administration and Remote PowerShell SDK
- Multiple resource locations

MODULE 9: PUBLIC CLOUD CONSIDERATIONS

- Autoscale
- Microsoft Azure, Amazon Web Services, and Google Cloud

MODULE 10: OPERATIONS AND SUPPORT

- Connector support
- Machine catalog updates and rollback
- VDA restore, self-help, and monitoring

MODULE 11: MIGRATING TO CITRIX DAAS

- Migration options and planning
- Automated Configuration Tool
- Image Portability Service