

# Moving to the Citrix Virtual Apps and Desktops Service on Citrix Cloud

Course code: CXD-250

Navigate the move from an on-premises environment into Citrix Cloud and learn to deploy resource locations onto Microsoft Azure. Learn the architecture, communications, and management of Citrix Cloud and the Citrix Virtual Apps and Desktops Service and then migrate existing infrastructure and settings into Citrix Cloud. If you are planning a move to Citrix Cloud or starting out anew, this course is a necessary step in enabling you with the right training and skills to understand, manage, and deliver successfully. Plan machine catalog and virtual machine design based in Microsoft's public cloud and deploy those machines using Machine Creation Services. Learn to configure the access layer as a service within Citrix Cloud, as managed machines in your datacenter, or on the Azure platform.

## Who is the course for

Built for IT Professionals who are responsible for migrating or supporting some or all of their on-premises XenApp and XenDesktop infrastructure to the XenApp and XenDesktop Service on Citrix Cloud.

## What we teach you

- Describe the architecture and communications of the Citrix Cloud
- Understand the differences between XenApp and XenDesktop on-premises and the XenApp and XenDesktop Service
- Describe the services and resources available through Citrix Cloud
- Install, configure, and manage Citrix Cloud Connectors
- Deliver app and desktop resources to on-premises resource locations
- Understand considerations for StoreFront and NetScaler Gateway locations with Citrix Cloud
- Migrate existing on-premises XenApp and XenDesktop infrastructure to the Citrix Cloud
- Understand considerations for migrating resources to a public cloud

## Required skills

CXD-210 Citrix XenApp and XenDesktop 7.1x Administration

## Course outline

Module 1: Introduction to Citrix Cloud

- What is Citrix Cloud
- Citrix Cloud Services
- Citrix Cloud Operation and Architecture
- Citrix Cloud Administration

Module 2: Citrix Cloud Connectors

- Cloud Connector Architecture
- Installing and configuring Citrix Cloud Connectors

Module 3: Introduction to the XenApp and XenDesktop Service

- XenApp and XenDesktop Deployment Models
- XenApp and XenDesktop Service with On-Premises Resources
- Configuring the XenApp and XenDesktop Service
- Delivering Apps and Desktop to End-Users Using On-Premises Resources with MCS

Module 4: Managing the XenApp and XenDesktop Service

- Citrix Studio and Director
- XenApp and XenDesktop Remote PowerShell SDK
- Managing Multiple Resource Locations
- Using PVS with the XenApp and XenDesktop Services

Module 5: Providing Access with StoreFront and NetScaler in Citrix Cloud

- Consideration for StoreFront Location

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- Consideration for NetScaler Gateway Locations
- Configuring StoreFront and NetScaler Gateway Access in Citrix Cloud

## Module 6: Public Cloud Considerations

- General Public Cloud Considerations
- Microsoft Azure as a Citrix Cloud Resource Location (Lecture only)
- Amazon Web Services as a Citrix Cloud Resource Location (Lecture only)

## Module 7: On-Premises Migration to the XenApp and XenDesktop Service

- Citrix Cloud Migration Options and Considerations
- Migrating Policies and Settings
- Migrating Machine Catalogs and Delivery Groups
- Considerations for Migrating to a Public Cloud

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