



Moving to the Citrix Virtual Apps and Desktops Service on Citrix Cloud with Microsoft Azure

Duration: 5 Days Course Code: CXD-252

Overview:

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 XenApp and XenDesktop Service and then migrate existing infrastructure and settings into Citrix Cloud. Plan machine catalog and virtual machine design based in Microsoft's public cloud and deploy those machines using Machine Creation Services. Additional Azure considerations include maintenance and power management. Learn to configure Citrix StoreFront and NetScaler Gateway as a service within Citrix Cloud or as managed machines in your datacenter or on the Azure platform for remote access.

This course is currently based on XenApp and XenDesktop 7.13 components and Citrix Cloud.

Please note: An exam/assessment voucher is included with this course.

Target Audience:

Built for experienced IT Professionals familiar with XenApp and XenDesktop 7.x in an on-premises environment moving to the Citrix Cloud and deploying their XenApp and XenDesktop workloads on Microsoft Azure.

Objectives:

- **After completing this course you should be able to:**
 - Understand the differences between XenApp and XenDesktop on-premises and the XenApp and XenDesktop Service
 - How to install, configure, and manage Citrix Cloud Connectors
 - Deploy and manage Virtual Delivery Agent machines to on-premises resource locations as well as in Microsoft Azure using MCS
 - Integrate Citrix Cloud and XenApp/XenDesktop with Microsoft Azure Active Directory
 - Provide remote access with Citrix StoreFront and NetScaler Gateway on Microsoft Azure
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Prerequisites:

Attendees should meet the following prerequisites:

- Experience deploying and managing XenApp and XenDesktop 7.x in on-premises environment.
- Basic knowledge of the Microsoft Azure platform including: Virtual machine management, Networking, Storage, Azure Resource Manager portals
- CWS-215 - Citrix Virtual Apps and Desktops 7 Administration On-Premises and in Citrix Cloud

Testing and Certification

Recommended as preparation for the following assessments:

- CC-VAD-MA - Citrix Virtual Apps and Desktops Service Integration with Microsoft Azure
 - CC-VAD-CC - Citrix Virtual Apps and Desktops Service on Citrix Cloud Certification
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Content:

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 OnPremises 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
- 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

Module 8: XenApp and XenDesktop on Azure Overview

- Defining IAAS
- XenApp and XenDesktop Azure Deployment Models
- Azure Fundamentals Review
- Azure Management
- Azure Locations

Module 9: XenApp and XenDesktop Integration with Azure Active Directory

- Active Directory Basics
- Active Directory Usage
- Connecting On-premises Active Directory to Azure
- Azure Role Based Access Control

Module 10: Connecting to Microsoft Azure

- Azure Connectivity
- Cloud Connectors in Azure
- Creating XenApp and XenDesktop Host Connections to Azure

Module 11: Deploying Apps and Desktops using Machine Creation Services

- Master Image Preparation
- Machine Creation Services in Azure
- Considerations for Deploying onto Azure

Module 12: Providing Access to End Users

- StoreFront Locations
- NetScaler Locations
- Multiple XenApp and XenDesktop Zones in Azure Regions

Module 13: Maintaining Infrastructure and VDAs in Microsoft Azure

- Maintaining Infrastructure
- Maintaining Resources
- Power Management

Module 14: Plan for a Successful POC

- Planning your next steps

Further Information:

For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931

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