

CXD-252 Moving to the Citrix Virtual Apps and Desktops Service on Citrix Cloud with Microsoft Azure

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 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. This course includes a voucher to take the related exam (XenApp and XenDesktop Service on Citrix Cloud Assessment) and earn your XenApp and XenDesktop Service on Citrix Cloud Certified (CC-XAD-CC) certification.

Prerequisite Comments

Experience deploying and managing Citrix Virtual Apps and Desktops 7.1x in on-premises environment. Basic knowledge of the Microsoft Azure platform including: Virtual machine management, Storage, Azure Resource, Manager portals, and Networking

Target Audience

Developed for experienced IT Professionals familiar with Citrix Virtual Apps and Desktops 7.1x in an on-premises environment moving to the Citrix Cloud and deploying their Citrix Virtual Apps and Desktops workloads on Microsoft Azure.

Course Objectives

Understand the differences between Citrix Virtual Apps and Desktops on-premises and the Citrix Virtual Apps and Desktops 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 Citrix Virtual Apps and Desktops with Microsoft Azure Active Directory

[Register Online](#)**Schedule**

Class Length: 5 Days

G2R = "Guaranteed to Run" | OLL = "Online LIVE"
ILT = "Instructor-Led-Training"

This course is not currently available on the public schedule. Please contact us using the information in the footer below to inquire about future dates or to schedule a private class.

Course Outline

1 - Introduction to Citrix Cloud

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

2 - Citrix Cloud Connectors

Cloud Connector Architecture
Installing and configuring Citrix Cloud Connectors
Securing Citrix Cloud Connectors
Citrix Cloud with Multiple Domains

3 - Introduction to the Citrix Virtual Apps and Desktops Service

Citrix Virtual Apps and Desktops Deployment Models
Citrix Virtual Apps and Desktops Service with On-Premises Resources
Configuring the Citrix Virtual Apps and Desktops Service
Delivering Apps and Desktop to End-Users Using On-Premises Resources with MCS

4 - Managing the Citrix Virtual Apps and Desktops Service

Citrix Studio and Director
Citrix Virtual Apps and Desktops Remote PowerShell SDK
Managing Multiple Resource Locations
Using PVS with the Citrix Virtual Apps and Desktops Services

5 - Providing Access in Citrix Cloud

Selecting Between Workspace Experience and On-premises StoreFront
Consideration for Citrix ADC Gateway Locations
User Authentication

6 - Operations and Support in Citrix Cloud

Citrix Smart Tools
Cloud Connector Operations
Monitoring your Environment

7 - 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)

8 - On-Premises Migration to the Citrix Virtual Apps and Desktops Service

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

9 - Citrix Virtual Apps and Desktops on Azure Overview

Defining IAAS
Citrix Virtual Apps and Desktops Azure Deployment Models
Azure Fundamentals Review
Azure Management
Azure Locations

10 - Citrix Virtual Apps and Desktops Integration with Azure Active Directory

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

11 - Connecting to Microsoft Azure

Azure Connectivity
Cloud Connectors in Azure
Creating Citrix Virtual Apps and Desktops Host Connections to Azure

12 - Deploying Apps and Desktops using Machine Creation Services

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

13 - Providing Access to End Users

StoreFront Locations
Citrix ADC Locations
Multiple Citrix Virtual Apps and Desktops Zones in Azure Regions

14 - Maintaining Infrastructure and VDAs in Microsoft Azure

Maintaining Infrastructure
Maintaining Resources
Power Management

15 - Plan for a Successful POC

Planning your next steps
