**CiTRIX** Customer Success Services | Education

# Citrix Virtual Apps and Desktops Service on Microsoft Azure

**Certification:** CC-VAD-MA   |   **Course Length:** 2 Days   |   **Instructional Method:** Classroom, Virtual or On-Demand

## Course overview

Learn to deploy and manage your Citrix Virtual Apps and Desktops apps and desktops in Microsoft Azure. Gain the skills to plan your machine catalog and virtual machine design based in Microsoft's public cloud and get hands-on practice deploying those machines using Machine Creation Services. You will also learn about additional Azure considerations including maintenance and power management which are critical in a cloud environment. For remote access, you will learn to configure Citrix StoreFront and Citrix Gateway on the Azure platform.

This course focuses on Microsoft Azure as a Citrix Cloud resource location however concepts are relevant to both Citrix Cloud and fully managed Citrix Virtual Apps and Desktops sites.

## What you'll learn

- Prepare the Azure environment for secure integration with Citrix Virtual Apps and Desktops

- Deploy and manage Virtual Delivery Agent machines in Microsoft Azure using Machine Creation Services

- Integrate Citrix Cloud and Citrix Virtual Apps and Desktops with Microsoft Azure Active Directory

- Design Machine Catalogs and virtual machines on Microsoft Azure Resource Manager

- Provide remote access with Citrix StoreFront and Citrix Gateway on Microsoft Azure

## Versions covered

Citrix Virtual Apps and Desktops 1912 components and Citrix Cloud

## Prereq. knowledge

Experience deploying and managing Citrix Virtual Apps and Desktops 7 in on-premises environment.

Basic knowledge of the Microsoft Azure platform including:

- Virtual machine management
- Storage
- Azure Resource Manager portals
- Networking

## Is this course for me?

Built for experienced IT Professionals familiar with Citrix Virtual Apps and Desktops 7 in an on-premises environment. Potential students include administrators, engineers, and architects designing or deploying Citrix Virtual Apps and Desktops workloads on Microsoft Azure.

## Learning Path

**1  CWS-215**
Citrix Virtual Apps and Desktops 7 Administration On-Premises and in Citrix Cloud

**2  CXD-250**
Moving to the Citrix Virtual Apps and Desktops Service on Citrix Cloud

**3  CXD-251**
Citrix Virtual Apps and Desktops Service on Microsoft Azure

# Citrix Virtual Apps and Desktops Service on Microsoft Azure

## Module 1: 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

## Module 2: 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

## Module 3: Connecting to Microsoft Azure
- Azure Connectivity
- Cloud Connectors in Azure
- Creating Citrix Virtual Apps and Desktops Host Connections to Azure

## Module 4: Deploying Apps and Desktops using Machine Creation Services
- Master Image Preparation
- Machine Creation Services in Azure
- Considerations for Deploying onto Azure

## Module 5: Providing Access to End Users
- StoreFront Locations
- Citrix ADC Locations
- Multiple Citrix Virtual Apps and Desktops Zones in Azure Regions

## Module 6: Maintaining Infrastructure and VDAs in Microsoft Azure
- Maintaining Infrastructure
- Maintaining Resources
- Power Management

## Module 7: Plan for a Successful POC
- Planning your next steps