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Course Name

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

Sector Name

Information Technology

Document Type

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

Course Introduction

The Moving to the Citrix Virtual Apps and Desktops Service on Citrix Cloud course is a specialized training program designed for IT professionals and system administrators who want to understand and implement migration from traditional on-premises Citrix environments to the modern Citrix Cloud platform.

This course introduces the fundamentals of Citrix Cloud architecture, including the Citrix Cloud control plane, Cloud Connectors, resource locations, and how virtual apps and desktops are delivered securely to end users across different devices and locations.

Participants will learn how to deploy and manage Citrix Virtual Apps and Desktops Service, including configuring machine catalogs, delivery groups, user access policies, and application publishing in a cloud-based environment. The course also covers hybrid deployment models, allowing organizations to integrate on-premises infrastructure with Citrix Cloud services.

A major focus of the program is the migration process, including planning, assessment of existing Citrix environments, workload analysis, and step-by-step migration strategies. Learners will understand how to reduce downtime, maintain security, and ensure business continuity during the transition.

The course also explores cloud management tools, monitoring performance, troubleshooting common issues, and optimizing virtual desktop infrastructure (VDI) for scalability and cost efficiency. Security concepts such as identity management, access control, and data protection in Citrix Cloud are also covered in detail.

This course is ideal for Citrix administrators, IT infrastructure engineers, cloud engineers, and system architects responsible for managing enterprise virtualization environments.

By completing this course, participants will gain practical skills in deploying and managing Citrix Cloud solutions, enabling organizations to modernize their IT infrastructure, improve remote work capabilities, and enhance scalability and operational efficiency

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Target Audience

IT professionals, systems administrators, and network engineers who are responsible for implementing, managing, and supporting Citrix Virtual Apps and Desktops environments, particularly those transitioning to or working with Citrix Cloud services.

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Learning Objectives

- ✓ Gain a comprehensive understanding of the differences between Citrix Virtual Apps and Desktops on-premises and the Citrix Virtual Apps and Desktops Service
- ✓ Learn ways of installing, configuring and managing 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

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Course Outline

✓ Day 01

Introduction to Citrix Cloud

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

Citrix Cloud Connectors

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

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 Desktops to End-Users Using On-Premises Resources with MCS

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Course Outline

✓ Day 02

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

Providing Access in Citrix Cloud

- ✓ Selecting Between Workspace Experience and On-premises StoreFront
- ✓ Consideration for NetScaler Gateway Locations
- ✓ User Authentication

Operations and Support in Citrix Cloud

- ✓ Citrix Smart Tools
- ✓ Cloud Connector Operations
- ✓ Monitoring your Environment

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Course Outline

✓ Day 03

Public Cloud Considerations

- ✓ General Public Cloud Considerations
- ✓ Microsoft Azure as a Citrix Cloud Resource Location
- ✓ Amazon Web Services as a Citrix Cloud Resource Location

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

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

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Course Outline

✓ Day 04

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

Connecting to Microsoft Azure

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

Deploying Apps and Desktops using Machine Creation Services

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

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Course Outline

✓ Day 05

Providing Access to End Users

- ✓ StoreFront Locations
- ✓ NetScaler Locations
- ✓ Multiple Citrix Virtual Apps and Desktops Zones in Azure Regions

Maintaining Infrastructure and VDAs in Microsoft Azure

- ✓ Maintaining Infrastructure
- ✓ Maintaining Resources
- ✓ Power Management

Plan for a Successful POC

- ✓ Planning your next steps

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Confirmed Sessions

FROM	TO	DURATION	FEES	LOCATION
Jan. 10, 2027	Jan. 14, 2027	5 days	4250.00 \$	KSA , Dammam
Sept. 21, 2026	Sept. 25, 2026	5 days	4950.00 \$	England , London
Dec. 14, 2026	Dec. 18, 2026	5 days	4250.00 \$	UAE , Abu Dhabi
June 14, 2027	June 18, 2027	5 days	4250.00 \$	UAE , Dubai

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