

# CITRIX VIRTUAL APPS AND DESKTOPS ADMINISTRATION (2402 LTSR) (CVAD-201)

Course Code: 843000

In this course students will learn how to create a new Citrix Virtual Apps and Desktops deployment.

Get hands-on as the course guides the students through the architecture, communications, management, installation, and configuration of Citrix Virtual Apps and Desktops to host apps and desktops for users.

This course is a necessary step in enabling you with the right training and skills, to not only understand, manage, and deliver successfully, but also to make well-informed planning decisions along the way.

## What You'll Learn

Students will learn to,

- Understand the architecture and communication flows for Citrix Virtual Apps and Desktops 2402 LTSR on-premises.
- Install, configure, and manage Citrix Virtual Apps and Desktops environment.
- Create Citrix Virtual Apps and Desktops workloads.
- Deliver app and desktop resources to users.
- Prepares learner for Citrix Certified Associate - Virtualization (CCA-V) exam

## Who Needs to Attend

This course is intended for people with strong foundational knowledge of Windows Server and Desktop operating systems. Active Directory, Policies, Profiles, Networking and Hypervisors.

## Prerequisites

To successfully complete the course, students must strong foundational knowledge of:

- Windows Server and Desktop operating systems.
- Active Directory, Policies, Profiles, Networking and Hypervisors.

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VIRTUAL CLASSROOM LIVE

\$5,000 USD

5 Day

## Virtual Classroom Live Outline

### **Module 1: Introduction to Citrix Virtual Apps and Desktops & Architecture**

- Introduction to Citrix Virtual Apps and Desktops
- Citrix Virtual Apps and Desktops 2402 LTSR Refresh - What's New
- Overview of Citrix Virtual Apps and Desktops Components
- Citrix Virtual Apps and Desktops Features and Resource Capabilities
- Hosting Platform Considerations: Architecture By Layers
- Connection Flow Process Introduction

### **Module 2: Citrix Virtual Apps and Desktops Site Considerations**

- Pre-Deployment Considerations
- Citrix Licensing Setup
- Delivery Controller Setup
- Citrix Virtual Apps and Desktops Site Setup
- Redundancy Considerations

### **Module 3: Provisioning Workloads: VDA and Master Images**

- Master Image Creation Methods
- Master Image Requirements

### **Module 4: Provisioning Workloads: VDA and Master Image Prep**

- Machine Catalogs and Delivery Groups
- Provisioning Methods and Considerations
- Machine Creation Services - Deep Dive
- MCS Environment Considerations

### **Module 5: Providing Access to End Users**

- StoreFront Overview

- StoreFront Beacons
- Citrix Workspace app
- StoreFront Features

#### **Module 6: Managing the User Experience**

- Citrix Policies – Methods to Manage Policies
- Citrix HDX Features – Using Policies

#### **Module 7: Published App and Desktop Presentation and Management**

- Published App Properties
- Server OS Published App Optimizations
- Published App Presentation
- Application Groups
- Apps and Desktops Presentation

#### **Module 8: Printing for User Sessions**

- Printing Concepts and Printer Provisioning
- Printer Drivers
- Print Environment - Considerations

#### **Module 9: Profile Management**

- User Profiles – Introduction and Considerations
- Configuring Citrix Profile Management
- Profile Containers – VHDX-based Policies

#### **Module 10: Manage the Site**

- Studio & Web Studio
- Delegated Administration
- Use PowerShell with Citrix Virtual Apps and Desktops
- Power Management Considerations
- Using Autoscale to Power Manage Machine

#### **Module 11: Citrix Virtual Apps and Desktops Basic Security Considerations**

- Citrix Admin Security Considerations
- XML Service Security Considerations
- Secure HDX External Traffic

#### **Module 12: Citrix Workspace app Deployment and Configuration**

- Citrix Workspace Deployment and Configuration

#### **Module 13: Manage Citrix Virtual Apps and Desktops Deployment**

- Citrix Director Introduction
- Monitor and Interact with User Sessions
- Published Apps Analysis
- Monitor the Machines Running the VDA
- Site Specific Common Monitoring
- Alerts and Notifications
- Optimize Citrix Director Monitoring with Citrix Application Delivery Management

## **Module 14: Manage - Supporting and Troubleshooting Citrix Virtual Apps and Desktops Workloads**

- Introduction to Supporting a Citrix Virtual Apps and Desktops Site
- A List of Common Tools
- Common Tasks for Proactive Administration

## **Module 15: Optimize – Citrix Virtual Apps and Desktops Deployment**

- Optimizing VDAs – Citrix Optimizer
- Citrix Workspace Environment Management Overview
- HDX Optimization

Dec 15 - 19, 2025 | 10:00 AM - 5:30 PM EST

Jan 12 - 16, 2026 | 10:00 AM - 6:00 PM EST

Feb 9 - 13, 2026 | 10:00 AM - 5:30 PM EST

Mar 2 - 6, 2026 | 10:00 AM - 5:30 PM EST

Mar 23 - 27, 2026 | 10:00 AM - 5:30 PM EST

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