



Enterprise Computing Solutions - Education Services

## TRAINING OFFERING

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# Citrix Platform Administration

<b>CODE:</b>	<b>LENGTH:</b>	<b>PRICE:</b>
CTX_CTX-202	40 Hours (5 days)	Request Price

## Description

This course replaces the outdated CVAD-201.

In this course you will learn how to create a new Citrix Virtual Apps and Desktops deployment. Get hands-on as the course guides you through the architecture, communications, management, installation, and configuration of Citrix Virtual Apps and Desktops to host apps and desktops for your 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.

Product Versions Covered: Citrix Virtual Apps and Desktops 7 (2507 LTSR) for Citrix Private Cloud, Universal Hybrid Multi-Cloud, and Citrix Platform customers.

## Objectives

- Understand the architecture and communication flows for Citrix Virtual Apps and Desktops 2507 LTSR.
- Install, configure, and manage Citrix Virtual Apps and Desktops environments.
- Create Citrix Virtual Apps and Desktops workloads.
- Deliver single-session and multi-session resources to users.
- Prepares learner for Citrix Certified Associate - Virtualization (CCA-V) exam.

## Audience

For administrators and engineers

## Prerequisites

Strong foundational knowledge of:

Windows Server and Desktop operating systems.

Active Directory, Policies, Profiles, Networking and Hypervisors.

## Programme

### Module 1: Introduction to Citrix Virtual

Apps and Desktops & Architecture

- Introduction to Citrix Virtual Apps and Desktops
- New Citrix Virtual Apps and Desktops Lifecycle
- Citrix Virtual Apps and Desktops 2507 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
- Optimizing VDAs – Citrix Optimizer
- Citrix Workspace Environment Management Overview

### **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 Deployment and Configuration
- StoreFront Features

### **Module 6: 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 7: Managing the User Experience**

- Citrix Policies – Methods to Manage Policies
- New Secure Defaults for VDA functionality
- Citrix HDX Features – Using Policies
- HDX Optimization

### **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**

- 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: Manage Citrix Virtual Apps and Desktops with Director**

- 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 13: 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

## **Follow on courses**

Recommended Next Training:

CWS-255: Citrix DaaS Deployment and Administration

CVAD-301: Citrix Virtual Apps and Desktops Advanced Configuration, AppLayering, and WEM Administration

## **Test and Certification**

Prepares learner for Citrix Certified Associate - Virtualization (CCA-V) exam.

## **Session Dates**

On request. Please [contact us](#)

## **Additional Information**

[This training is also available as onsite training. Please contact us to find out more.](#)