



Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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Citrix Virtual Apps and Desktops Administration (2402 LTSR)

| CODE: | LENGTH: | PRICE: |
|--------------|-------------------|-----------|
| CTX_CVAD-201 | 40 Hours (5 days) | £2,995.00 |

Description

This course replaces the outdated CWS-215

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 2402 LTSR

This course replaces the discontinued course "**CWS-215: Citrix Virtual Apps and Desktops 7.x Deployment and Administration**".

Objectives

- 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

Audience

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
- 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

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

Module 2: Citrix Virtual Apps and Desktops Site Considerations • Redundancy Considerations

- Master Image Creation Methods

Module 3: Provisioning Workloads: VDA and Master Images • Master Image Requirements

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

Module 4: Provisioning Workloads: VDA and Master Image Prep • MCS Environment Considerations

- StoreFront Overview
- StoreFront Beacons
- Citrix Workspace app

Module 5: Providing Access to End Users • StoreFront Features **Module 6: Managing the User Experience**

- Citrix Policies – Methods to Manage Policies
- Citrix HDX Features – Using Policies
- Published App Properties
- Server OS Published App Optimizations

Module 7: Published App and Desktop Presentation and Management

- Published App Presentation
- Application Groups
- Apps and Desktops Presentation

- Printing Concepts and Printer Provisioning
- Printer Drivers

Module 8: Printing for User Sessions • Print Environment - Considerations

- User Profiles – Introduction and Considerations
- Configuring Citrix Profile Management

Module 9: 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

- Citrix Admin Security Considerations
- XML Service Security Considerations

Module 11: Citrix Virtual Apps and Desktops Basic 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

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

Module 15: Optimize – Citrix Virtual Apps and Desktops Deployment • HDX Optimization

Follow on courses

- CWS-255: Citrix DaaS Deployment and Administration
- CVAD-301: Citrix Virtual Apps and Desktops Advanced Administration (2402 LTSR)

Test and Certification

This course prepares for the certification "**Citrix Certified Associate - Virtualization**" (CCA-V).

Session Dates

| Date | Location | Time Zone | Language | Type | Guaranteed | PRICE |
|-------------|-------------------|-----------|----------|-----------------------|------------|-----------|
| 22 Sep 2025 | Virtual Classroom | BST | English | Instructor Led Online | | £2,995.00 |
| 13 Oct 2025 | Virtual Classroom | BST | English | Instructor Led Online | | £2,995.00 |
| 24 Nov 2025 | Virtual Classroom | GMT | English | Instructor Led Online | | £2,995.00 |
| 08 Dec 2025 | Virtual Classroom | GMT | English | Instructor Led Online | | £2,995.00 |
| 18 Aug 2025 | Virtual Classroom | BST | English | Instructor Led Online | | £2,995.00 |

Additional Information

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