Citrix Virtual Apps and Desktops Administration

Category: Infrastructure & IT Operations | **Vendor:** Citrix

Duration: 40.00 hours (5 days) **32.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Certification: Certified Associate - Virtualization (CCA-V)

Course Overview

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.

About This Course

- Introduction to Citrix Virtual Apps and Desktops & Architecture
- Citrix Virtual Apps and Desktops Site Considerations
- Provisioning Workloads: VDA and Master Images
- Provisioning Workloads: VDA and Master Image Prep
- Providing Access to End Users
- Managing the User Experience
- Published App and Desktop Presentation and Management
- Printing for User Sessions
- Profile Management
- Manage the Site
- Citrix Virtual Apps and Desktops Basic Security Considerations
- Citrix Workspace app Deployment and Configuration
- Manage Citrix Virtual Apps and Desktops Deployment
- Manage - Supporting and Troubleshooting Citrix Virtual Apps and Desktops Workloads
- Optimize – Citrix Virtual Apps and Desktops Deployment

Who Should Attend

For administrators and engineers

Prerequisites & Entry Requirements

General Prerequisites:

Strong foundational knowledge of:

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

Learning Outcomes

Upon successful completion of this course, participants will be able 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

Detailed Course 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

Skills You Will Learn:

- 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

Frequently Asked Questions

Q: What delivery options are available for Citrix Virtual Apps and Desktops Administration?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: What certification does this course prepare me for?

The Citrix Virtual Apps and Desktops Administration course helps prepare you for the Certified Associate - Virtualization (CCA-V) certification path.

Q: How many CPD hours does this course provide?

The 5-day Citrix Virtual Apps and Desktops Administration course provides up to 32.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Citrix Virtual Apps and Desktops Administration training?

The training takes place over 5 day(s), with each day lasting approximately 40.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Citrix Virtual Apps and Desktops Administration?

Yes, we provide corporate training, dedicated training, and closed classes for Citrix Virtual Apps and Desktops Administration. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: What related terms do people search for?

Popular related searches include: Citrix Virtual Apps and Desktops Administration, Virtual Apps & Desktop, CVAD-201

Q: Why choose Nexus Human for Citrix Virtual Apps and Desktops Administration?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your Citrix Virtual Apps and Desktops Administration training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

Professional Training & Development

Email: info@nexushuman.com

Website: www.nexushuman.com

Phone: +353 1 889 8700 (Ireland) | +44 20 8142 8961 (UK)

© 2026 Nexus Human. All rights reserved. This brochure was generated on 14/11/2026.