

## Citrix Virtual Apps and Desktops Deployment and Administration

**Duration: 5 Days**    **Course Code: CWS-215**    **Delivery Method: Virtual Learning**

### Overview:

This five-day Citrix course will teach you how to deploy, install, configure, setup profile management, configure policies, printing and basic security features for on-premises Virtual Apps and Desktop solution building, and then migrating to Citrix Cloud.

If you are new to Citrix or if you are planning a move to Citrix Cloud, this course is a necessary step in enabling you with the right training and skills to manage and deploy Citrix Workspace successfully. This foundational administration course covers the aspects of installing, configuring and managing a Citrix Virtual Apps and Desktops 7 environment, how to manage an on-premises Citrix solution and migrate from an on-premises solution to cloud using the Citrix Cloud management plane.

### Virtual Learning

This interactive training can be taken from any location, your office or home and is delivered by a trainer. This training does not have any delegates in the class with the instructor, since all delegates are virtually connected. Virtual delegates do not travel to this course, Global Knowledge will send you all the information needed before the start of the course and you can test the logins.

### Target Audience:

Experienced IT Professionals who want to be familiar with Citrix Virtual Apps and Desktops 7 in an on-premises environment and Citrix Cloud. Potential students include administrators or engineers responsible for the end user workspace and overall health and performance of the solution.

### Objectives:

- **After completing this course you should be able to:**
- Install, configure, and manage a Citrix Virtual Apps and Desktops 7 site and Cloud connectors
- Identify the considerations between Citrix Virtual Apps and Desktops on-premises and the Citrix Virtual Apps and Desktops Service
- Deliver app and desktop resources

### Prerequisites:

#### Attendees should meet the following prerequisites:

- This course requires basic knowledge of AD, Windows, Storage, Networking and little to no previous experience with the Citrix Virtual Apps and Desktops 7 version.

### Testing and Certification

#### Recommended as preparation for the following exams:

- **CCA-V** Certification exam.

### Follow-on-Courses:

#### The following courses are recommended for further study:

- **CWS-313** - Citrix Virtual Apps and Desktops 7 Backup, Recovery, Security and Troubleshooting
- **CWS-314** - Citrix Virtual Apps and Desktops 7 Advanced Deployment App Layering and WEM
- **CWS-315** - Citrix Virtual Apps and Desktops 7 Advanced Deployment, Troubleshooting, Security and Administration
- **CWS-415** - Citrix Virtual Apps and Desktops 7.x Assessment, Design and Advanced Configuration
- CWS-313 - Citrix Virtual Apps and Desktops 7 Advanced Deployment, Troubleshooting, Security and Administration
- CWS-314 - Citrix App Layering and WEM Administration
- CWS-315 - Citrix Virtual Apps and Desktops 7 Advanced Administration + Exam
- CWS-415 - Citrix Virtual Apps and Desktops 7 Assessment, Design and Advanced Configuration
- CXD-410 - Citrix Virtual Apps and Desktops 7.x Assessment, Design and Advanced Configuration + Exam

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## Content:

### Architecture Overview

- Introduction to Citrix Virtual Apps and Desktops
- Architecture Overview
- Features
- Hosting Platform Considerations
- Citrix Virtual Apps and Desktops Service
- Connection Flow Process Introduction

### Deploy the Site

- Pre-Deployment Considerations
- Citrix Licensing Setup
- Delivery Controller Setup
- Site Setup And Management
- Redundancy Considerations

### The Apps and Desktops Images

- Consider Master Image Creation Methods
- Master Image Requirements

### Provision and Deliver App and Desktop Resources

- Machine Catalogs and Delivery Groups
- Provisioning Methods and Considerations
- Machine Creation Services (MCS) Deep Dive
- MCS Environment Considerations
- Resource Locations

### Provide Access to App and Desktop Resources

- Consider Workspace Experience versus StoreFront
- Workspace Experience User Authentication
- Workspace App
- Communication Flow

### Manage the User Experience

- Methods to Manage the User Experience
- Common User Experience Settings

### Published App and Desktop Presentation and Management

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

### Manage Printing for User Sessions

- Map Printers to the User Session
- Printer Drivers
- Print Environment Considerations

### Citrix Profile Management

- Introduction and Considerations
- Configure Citrix Profile Management

### Manage the Site

- Delegated Administration
- Use PowerShell with Citrix Virtual Apps and Desktops
- Power Management Considerations

### Citrix Virtual Apps and Desktops Basic Security Considerations

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

### Monitor the Site

- 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 ADM

### Introduction to Supporting and Troubleshooting Citrix Virtual Apps and Desktops

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

### Migrate To Citrix Cloud

- Migration Considerations
- Citrix Cloud Connector Deployment
- Citrix Virtual Apps and Desktops with an On-Premises Resource Location
- The Migration Process

### Citrix Analytics

- Citrix Analytics Introduction
- Prepare to Use Citrix Analytics
- Types of Analytics

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## Further Information:

For More information, or to book your course, please call us on 0800/84.009

[info@globalknowledge.be](mailto:info@globalknowledge.be)

[www.globalknowledge.com/en-be/](http://www.globalknowledge.com/en-be/)