![QuickStart - Over 35 Years Of Technology Training]

Document Generated: 12/18/2025

Learning Style: Virtual Classroom

Technology: Citrix

Difficulty: Intermediate

Course Duration: 5 Days

Citrix Virtual Apps and Desktops 7 Administration On-Premises and in Citrix Cloud (CWS-215)

About this Course:

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. And it will also introduce you to Citrix Cloud and Citrix DaaS to become familiar with these products. 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

Course Objectives:

- Understand the differences between Citrix Virtual Apps and Desktops 2203 LTSR on-premises.

- Install, configure, and manage Citrix Virtual Apps and Desktops environment.

- Create Citrix Virtual Apps and Desktops workloads.

- Introduce Citrix Cloud and Citrix DaaS.

Audience:

- For Administrators and Engineers

Prerequisites:

- Strong foundational knowledge of: Windows Server and Desktop operating systems. Active Directory, Policies, Profiles, Networking and Hypervisors.

Course Outline:

Module 1: Introduction to Citrix Virtual Apps and Desktops

Learning Objectives

- New Citrix Workspace Packaging
- Introduction to Citrix Virtual Apps and Desktops
- Citrix Virtual Apps and Desktops 2203 LTSR Refresh – What's New
- End-User and Admin Experience

Module 2: Planning- Architecture Overview

Learning Objectives

- Overview of Citrix Virtual Apps and Desktops Components

- Citrix Virtual Apps and Desktops Features and Resource Capabilities
- Hosting Platform Considerations
- Connection Flow Process Introduction

Module 3: Planning – Citrix Virtual Apps and Desktops Site Considerations

Learning Objectives

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

Module 4: Planning **–** Provisioning Workloads: VDA and Master Image Prep

Learning Objectives

- Master Image Creation Methods
- Master Image Requirements

Module 5: Planning – Provisioning Workloads: VDA and Master Image Prep

Learning Objectives

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

Module 6: Planning – Providing Access to End Users

Learning Objectives

- StoreFront Overview
- StoreFront Beacons
- Citrix Workspace app
- StoreFront Features

Module 7: Planning – Managing the user Experience.

Learning Objectives

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

Module 8: Planning – Published App and Desktop Presentation and Management

Learning Objectives

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

Module 9: Planning – Printing for User Sessions

Learning Objectives

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

Module 10: Planning – Profile Management

Learning Objectives

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

Module 11: Planning – Manage the Site

Learning Objectives

- Delegated Administration
- Use PowerShell with Citrix Virtual Apps andDesktops

- Power Management Considerations

Module 12: Planning – Citrix Virtual Apps and Desktops Basic Security
Considerations

Learning Objectives

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

Module 13: Rollout- Citrix Virtual Apps and Desktops Basic Security Considerations

Learning Objectives

- Citrix Workspace Deployment and Configuration

Module 14: Manage Citrix Virtual Apps and Desktops

Learning Objectives

- 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 withCitrix Application Delivery Management
- Citrix Analytics Introduction
- Prepare to use Citrix Analytics
- Types of Analytics

Module 15: Manage – Supporting and Troubleshooting Citrix Virtual Apps and Desktops Workloads

Learning Objectives

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

Module 16: Optimize – Citrix Virtual Apps and Desktops Deployment

Learning Objectives

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

Module 17: Introduction to Citrix Cloud with Citrix DaaS

Learning Objectives

- What is Citrix Cloud?

- Why Citrix DaaS?
- Migration from Citrix Virtual Apps and Desktops to Citrix DaaS
- Citrix Cloud Administration