

Zielbox Citrix Virtual Apps and Desktops Deployment and Administration



About this Course

Course Description:

This Course will provide you knowledge about how to create a new Citrix Virtual Apps and Desktops deployment. Also, it will help to understand the architecture, communications, management, installation, and configuration of Citrix Virtual Apps and Desktops to host applications and desktops for business users.

Level:

Beginner

Learning Objective:

- Understand the 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.
- Deliver app and desktop resources to users.

Course Module

Module 1: Introduction to Citrix Virtual Apps and Desktops

- 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

- 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

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

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

- Master Image Creation Methods
- Master Image Requirement

Module 5: Planning – 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 6: Planning – Providing Access to End Users

StoreFront Overview

- StoreFront Beacons
- Citrix Workspace app
- StoreFront Feature

Module 7: Planning – Managing the User Experience

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

Module 8: Planning - 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

Module 9: Planning – Printing for User Sessions

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

Module 10: Planning – Profile Management

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

Module 11: Planning – Manage the Site

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

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

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

Module 13: Rollout - Citrix Workspace app Deployment and Configuration

- Citrix Workspace Deployment and Configuration

Module 14: 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
- Citrix Analytics Introduction
- Prepare to use Citrix Analytics
- Types of Analytics

Module 15: 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

Module 16: Optimize – Citrix Virtual Apps and Desktops Deployment

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

Associate Certification after Training:

Citrix Certified Associate – Virtualization (CCA-V)

The Citrix Certified Associate - Virtualization (CCA - V) validates the skills IT operators and administrators need to install, configure, and manage a highly available environment comprised of Citrix Virtual Apps and Desktops Delivery Controllers, StoreFront, Citrix Receiver, Director, Studio and Profile management.