CITRIX®

COURSE OUTLINE

Course Name: Citrix Virtual Apps and Desktops 7 Deployment and Administration

DURATION	SKILLS LEVEL	DILIVERY METHOD	TRAINING CREDITS	TECHNOLOGY
5 Days	Intermediate	ILT/VILT	N/A	Citrix

Course Description
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.

Product Versions Covered: Citrix Virtual Apps and Desktops 7 2203 LTSR, Citrix DaaS

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

Learning 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.
- Deliver app and desktop resources to users.
- Introduce Citrix Cloud and Citrix DaaS.

Course Outline

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 Considerations

Module 4: Planning – Provisioning Workloads: VDA and Master Image Prep
- Master Image Creation Methods
- Master Image Requirements

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 Features

Module 7: Planning – Managing the User Experience
- Citrix Policies – Methods to Manage Policies
- Citrix HDX Features – Using Policies

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 9: Planning – Printing for User Sessions
- Printing Concepts and Printer Provisioning
- Printer Drivers
- Print Environment – Considerations

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 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 16: Optimize – Citrix Virtual Apps and Desktops Deployment
- Optimizing VDAs – Citrix Optimizer
- Citrix Workspace Environment Management Overview
- HDX Optimization

Module 17: Introduction to Citrix Cloud with Citrix DaaS
- What is Citrix Cloud?
- Why Citrix DaaS?
- Migration from Citrix Virtual Apps and Desktops to Citrix DaaS
- Citrix Cloud Administration

Recommended Next Training CWS-250:
Citrix DaaS Deployment and Administration

OR

CWS-251: Implement Citrix DaaS on Microsoft Azure

Exams and Certifications

Notes and Annotations

What is Next