Training: Citrix
CTX-202 Citrix Platform Administration

TRAINING GOALS:

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.

Product Versions Covered: Citrix Virtual Apps and Desktops 7 (2507 LTSR) for Citrix Private Cloud, Universal Hybrid Multi-Cloud, and Citrix Platform customers.

Learning Objectives

- Understand the architecture and communication flows for Citrix Virtual Apps and Desktops 2507 LTSR.
- Install, configure, and manage Citrix Virtual Apps and Desktops environments.
- Create Citrix Virtual Apps and Desktops workloads.
- Deliver single-session and multi-session resources to users.
- Prepares learner for Citrix Certified Associate - Virtualization (CCA-V) exam.

Target Audience

Potential students include administrators and engineers of Citrix Virtual Apps and Desktops solution.

CONSPECT:

- Module 1: Introduction to Citrix Virtual Apps and Desktops & Architecture
  - Introduction to Citrix Virtual Apps and Desktops
  - New Citrix Virtual Apps and Desktops Lifecycle
  - Citrix Virtual Apps and Desktops 2507 LTSR Refresh - What’s New

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- 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
  - Optimizing VDAs - Citrix Optimizer
  - Citrix Workspace Environment Management Overview
- 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 Deployment and Configuration
  - StoreFront Features
- Module 6: 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 7: Managing the User Experience
  - Citrix Policies - Methods to Manage Policies
  - New Secure Defaults for VDA functionality
  - Citrix HDX Features - Using Policies
  - HDX Optimization

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- 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
  - 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: Manage Citrix Virtual Apps and Desktops with Director
  - 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 13: 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

REQUIREMENTS:

Strong foundational knowledge of:

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

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Difficulty level



CERTIFICATE:

The participants will obtain certificates signed by Citrix (course completion).

TRAINER:

Certified Citrix Instructor

ADDITIONAL INFORMATION:

Recommended Training:

- CWS-255 Citrix DaaS Deployment and Administration
- CVAD-301 Citrix Virtual Apps and Desktops Advanced Administration

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