COMPENDIUM CENTRUM EDUKACYJNE

Training: Citrix
CVAD-201 Citrix Virtual Apps and Desktops Administration

citrix

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 2402 LTSR

Learning Objectives and Certifications

- Understand the architecture and communication flows for Citrix Virtual Apps and Desktops 2402 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.
- Prepares learner for Citrix Certified Associate - Virtualization (CCA-V) exam

Target Audience

Built for experienced IT Professionals who want to be familiar with Citrix Virtual Apps and Desktops 7. Potential students include administrators or engineers responsible for the end user workspace and overall health and performance of the solution.

CONSPECT:

- Module 1: Introduction to Citrix Virtual Apps and Desktops & Architecture
    - Introduction to Citrix Virtual Apps and Desktops

- Citrix Virtual Apps and Desktops 2402 LTSR Refresh - What's New
- 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

- 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
  - StoreFront Features

- Module 6: Managing the User Experience
  - Citrix Policies - Methods to Manage Policies
  - Citrix HDX Features - Using Policies

- Module 7: 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 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
    - Studio & Web Studio
    - 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: Citrix Workspace app Deployment and Configuration
    - Citrix Workspace Deployment and Configuration

- Module 13: 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

- Module 14: 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 15: Optimize - Citrix Virtual Apps and Desktops Deployment
    - Optimizing VDAs - Citrix Optimizer
    - Citrix Workspace Environment Management Overview
    - HDX Optimization

REQUIREMENTS:

Strong foundational knowledge of:

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

Difficulty level

CERTIFICATE:

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

TRAINER:

Certified Citrix Instructor

ADDITIONAL INFORMATION:

Recommended Next Training:

CWS-255 Citrix DaaS Deployment and Administration

CWS-322 Citrix Virtual Apps and Desktops Advanced Configuration and WEM Administration