Citrix Virtual Apps and Desktops Advanced Administration (CXD-310)

COURSE OVERVIEW:

Get more value out of your Citrix Virtual Apps and Desktops 7.1x investment through the use of Workspace Environment Management, Provisioning Services, Application Layering, and advanced features. You'll leave this course with a good understanding of how to manage more complex solutions such as multizone environments spanning multiple locations with configurations around StoreFront, the Delivery Controllers, and HDX. You'll gain the skills to improve logon times, user personalization, and resource performance through Workspace Environment Management. Also, learn to optimize management of your app and desktop images by building and combining App Layers. End the course by learning to install, configure, and manage Provisioning Services in accordance with leading practices.

WHO WILL BENEFIT FROM THIS COURSE?

This course is built for experienced IT Professionals working with Citrix Virtual Apps and Desktops 7.1x. Potential students include administrators, engineers, and architects responsible for the end user workspace, provisioning services environment, and overall health and performance of the solution.

PREREQUISITES:

Strong foundational knowledge of Citrix Virtual Apps and Desktops 7.1x. Citrix recommends students prepare for this course by taking the following course: CXD-210 Citrix Virtual Apps and Desktops 7.1x Administration.

COURSE OBJECTIVES:

What you'll learn:

- How to configure Workspace Environment Management to improve the end user environment and virtual resource consumption
- Understand Zones in Citrix Virtual Apps and Desktops 7.1x and how to account for user and desktop locations and optimal connection and registration
- How to build and manage App Layers to minimize image sprawl with Citrix Virtual Apps and Desktops 7.1x
- Understand and configure HDX channels and protocols for improved performance delivering multimedia and data over network connections

COURSE OUTLINE:

Module 1: Intermediate FlexCast Management Architecture (FMA)

- FMA Services
- SQL database connectivity and security
- Multi-zone VDA registration
- Zone preference

Module 2: Workspace Environment Management (WEM) (Extended Module)

- Introduction to WEM
- Administration
- Optimizing resource consumption on VDA hosts
- Managing the end-user experience with WEM
- Migrating existing settings and configurations to WEM

Module 3: StoreFront Optimization and Routing

- User experience optimizations
- StoreFront branding
- Optimal Gateway routing and Zones
- Subscription Store

Module 4: HDX and Multimedia

- HDX in the network
- Enlightened Data Protocol (EDT)
- Multimedia delivery and redirection
- Delivering Skype for Business with Citrix Virtual Apps and Desktops 7.1x

Module 5: App Layering (Full day module)

- App Layering Introduction
- Layering Architecture
- Creating Layers
- App Layering Maintenance

Module 6: Supporting and Troubleshooting

- Connections
- Communications
- Session Launches

Module 7: Advanced Provisioning with Provisioning Services

- Getting started with Provisioning Services
- Provisioning Services Architecture

Module 8: Provisioning Services Infrastructure

- The PVS server role
- The Farm database
- The vDisk Store

Module 9: Streaming the vDisk

- Introduction to vDisks
- Machine preparation
- Streaming vDisks
- Boot methods

Module 10: Target Devices

- Introduction to target devices
- Data I/O
- Handling persistent and non-persistent data

Module 11: Integrating Provisioning Services with Citrix Virtual Apps and Desktops 7.1x

- XenDesktop Setup Wizard
- Device Collections
- Published Apps and Desktops
- Using Provisioning Services with Citrix Virtual Apps and Desktops 7.1x

Module 12: Provisioning Services Redundancy
- Farm component redundancy
- Store redundancy
- Database redundancy

Module 13: Supporting Provisioning Services
- Performing updates
- Auditing and support
- Disk imaging
- Migrating vDisks images
- Troubleshooting

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Sunset Learning Institute (SLI) has been an innovative leader in developing and delivering authorized technical training since 1996. Our goal is to help our customers optimize their cloud technology investments by providing convenient, high quality technical training that our customers can rely on. We empower students to master their desired technologies for their unique environments.

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- Enthusiastic Student Services team available to answer any questions and ensure a quality training experience