

## **Citrix Virtual Apps and Desktops Assessment, Design, and Advanced Configuration (CXD-410)**

### **COURSE OVERVIEW:**

This advanced 5-day training course covers design principles for creating a practical Citrix Virtual Apps and Desktops virtualization solution. As part of this training you will assess existing environments and explore different scenarios to link business requirements to design decisions. This course follows the Citrix Consulting approach to design and covers the key design decisions through lecture, lab exercises and interactive discussions. You will also learn about additional considerations and advanced configurations for multi-location solutions and disaster recovery planning. This training will help you prepare for the Citrix Certified Expert in Virtualization (CCE-V) exam.

### **WHO WILL BENEFIT FROM THIS COURSE?**

This course is built for IT Professionals with significant experience with Citrix Virtual Apps and Desktops 7.x as well as supporting infrastructure. If you are responsible for the environment design and overall health or guiding others through the process (as a consultant), you should consider taking this training.

### **PREREQUISITES:**

This course requires extensive experience with Citrix Virtual Apps and Desktops 7.x as well as experience with Citrix Gateway and supporting infrastructure.

### **COURSE OBJECTIVES:**

What you'll learn:

- How to assess relevant information in existing environments in order to identify risks and areas for improvements in the design
- Core Citrix Virtual Apps and Desktops design decisions and how to apply them to business requirements for a practical solution
- To design a Citrix Virtual Apps and Desktops disaster recovery plan and to understand different disaster recovery strategies

### **COURSE OUTLINE:**

#### **Module 1: Design Methodology and Readiness Assessment**

- Project Methodology
- Business Drivers
- User Segmentation
- Application Assessment
- Capabilities Assessment

#### **Module 2: User Location and Connectivity**

- Endpoints and Peripherals
- Citrix Receiver
- Network Connectivity

**Module 3: Access Architecture and Store Design**

- Architecture
- StoreFront Stores

**Module 4: Access Scalability, Redundancy and Security**

- Citrix ADC and StoreFront Scalability and Redundancy
- Security
- Access Matrix

**Module 5: Image Management Strategy and Design**

- FlexCast Model Assignment
- VDA Scalability
- Security
- Image Provisioning Strategy

**Module 6: Application Delivery**

- App Delivery Options
- Tying App Analysis to Delivery Choices

**Module 7: Personalization Design**

- Profile Strategy
- Policies
- Printing

**Module 8: Citrix Virtual Apps and Desktops Site and Administrative Design**

- Site Design and Pod Architecture
- Citrix Cloud Site Design
- Catalogs and Delivery Groups
- Management and Administration Design
- Site Scalability and High-Availability
- Security

**Module 9: Physical Resource Design**

- Hardware and Hypervisor Selection
- Resource Pool Design
- Hardware Sizing
- Storage
- Datacenter Networking
- Security

**Module 10: High-Availability and Multi-Location Solutions**

- Multi-Location Considerations Overview
- Access in a Multi-Location Solution
- Image Management Considerations
- Multi-Location Profiles and Data Considerations
- Printing in a Multi-Location Solution
- Site Design and FMA Zones
- Active Directory and Azure Active Directory Considerations

**Module 11: Disaster Recovery Planning and Design**

- Disaster Recover Levels
- Disaster Recovery Strategy
- Recovery Process

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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.

What sets SLI apart is not only our immense selection of trainings options, but our convenient and consistent delivery system. No matter how complex your environment is or where you are located, SLI is sure to have a training solution that you can count on!

**Premiere World Class Instruction Team**

- All SLI instructors have a four-year technical degree, instructor level certifications and field consulting work experience.
- Sunset Learning has won numerous Instructor Excellence and Instructor Quality Distinction awards since 2012

**Enhanced Learning Experience**

- The goal of our instructors during class is ensure students understand the material, guide them through our labs and encourage questions and interactive discussions.

**Convenient and Reliable Training Experience**

- You have the option to attend classes at any of our established training facilities or from the convenience of your home or office with the use of our HD-ILT network (High Definition Instructor Led Training)
- All Sunset Learning Institute classes are guaranteed to run – you can count on us to deliver the training you need when you need it!

**Outstanding Customer Service**

- Dedicated account manager to suggest the optimal learning path for you and your team
- Enthusiastic Student Services team available to answer any questions and ensure a quality training experience