Citrix Virtual Apps and Desktops 7 Assessment, Design and Advanced Configuration (CWS-415)

COURSE OVERVIEW:

This advanced 5-day training course teaches the design principles for creating a Citrix Virtual Apps and Desktops virtualization solution. In this training, you will also learn how to assess existing environments, explore different scenarios, and make design decisions based on business requirements.

This course covers the Citrix Consulting approach to design and covers the key design decisions through lectures, 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?

Built for IT Professionals with significant experience with Citrix Virtual Apps and Desktops 7 as well as supporting infrastructure. If you are responsible for the environment design and overall health or are 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 as well as experience with Citrix Gateway and supporting infrastructure.

COURSE OBJECTIVES:

What you'll learn:

- Identify risks and areas for improvement in a Citrix Virtual Apps and Desktops environment by assessing relevant information in an existing deployment
- Determine core Citrix Virtual Apps and Desktops design decisions and align them to business requirements to achieve a practical solution
- Design a Citrix Virtual Apps and Desktops disaster recovery plan and understand different disaster recovery considerations

COURSE OUTLINE:

Module 1: Methodology & Assessment

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

Module 2: User Layer

- Endpoints & Peripherals
- Citrix Workspace App
- Network Connectivity

Module 3: Access Layer
- Access Matrix*
- Access Layer Architecture Design Considerations
- StoreFront Store Design
- Scalability and Redundancy

Module 4: Resource Layer - Images
- FlexCast Model Assignment*
- Virtual Delivery Agent Machine Scalability
- Virtual Delivery Agent Machine Security
- Provisioning Strategy / Image Management

Module 5: Resource Layer - Applications and Personalization
- Application Delivery
- Profiles
- Policies
- Printing*

Module 6: Control Layer
- Citrix Virtual Apps and Desktops Site Design
- Machine Catalogs & Delivery Groups*
- Site Management Considerations
- Control Layer Scalability & High Availability
- Control Layer Security

Module 7: Hardware/Compute Layer
- Assessment Considerations for Hardware & Hypervisor Selection
- Cluster / Resource Pool Design
- Hardware / Compute Layer Sizing
- Storage
- Datacenter Networking
- Security
- Module 8: Maintaining an App Layering Environment
- Multiple Location Considerations - Introduction
- Multiple Location Considerations - Access
- Multiple Location Considerations - Image Management
- Multiple Location Considerations - Profiles & Data
- Multiple Location Considerations - Printing
- Multiple Location Considerations - Control Layer

Module 9: Disaster Recovery
- Disaster Recovery - Levels
- Disaster Recovery - Strategy
- Disaster Recovery - Process

*Optional content based on instructor criteria

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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