

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

Overview

This advanced 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.

Prerequisite Comments

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

Target Audience

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.

Course Objectives

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

1 - Methodology & Assessment

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

2 - User Layer

Endpoints & Peripherals
Citrix Workspace App
Network Connectivity

3 - Access Layer

Access Matrix*
Access Layer Architecture Design Considerations
StoreFront Store Design
Scalability and Redundancy

4 - Resource Layer - Images

FlexCast Model Assignment*
Virtual Delivery Agent Machine Scalability
Virtual Delivery Agent Machine Security
Provisioning Strategy / Image Management

5 - Resource Layer - Applications and Personalization

Application Delivery
Profiles
Policies
Printing*

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

7 - Hardware/Compute Layer

Assessment Considerations for Hardware & Hypervisor Selection
Cluster / Resource Pool Design
Hardware / Compute Layer Sizing
Storage
Datacenter Networking
Security

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

9 - Disaster Recovery

Disaster Recovery - Levels
Disaster Recovery - Strategy
Disaster Recovery – Process
*Optional content based on instructor criteria
