

CWS-415 Citrix Virtual Apps and Desktops 7 Architect Design Solutions

Course Duration: 40 Hrs.

Course code: CWS-415

Course Overview

This 5-day advanced training course covers design principles for creating a practical Citrix Virtual Apps and Desktops virtualization solution. 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 lectures, lab exercises and interactive discussions. This training will help you prepare for the Citrix Certified Expert in Virtualization (CCE-V) exam.

What you'll learn?

In this course, you'll learn

- ❖ Identify risks and areas for improvement in a Citrix Virtual Apps and Desktops environment by assessing relevant information in 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

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 environmental design and overall health or are guiding others through the process (as a consultant), you should consider taking this training.

Pre-Requisites

This course requires intensive experience with Citrix Virtual Apps and Desktops 7 and similar experience with Citrix Gateway and supporting infrastructure

Course content

Module 1 - Methodology & Assessment.

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

Module 2-User Layer

- Endpoints and 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 and 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-Multiple Location Considerations

- Introduction to Multiple Location Considerations.
- Access
- Image Management
- Profiles and Data
- Printing
- Control Layer

Module 9-Disaster Recovery.

- Disaster Recovery Levels.
- Disaster Recovery Strategy
- Disaster Recovery - Process.

