Citrix Virtual Apps and Desktops 7 Assessment, Design and Advanced Configuration

Certification: CCE-V | **Course Length:** 5 Days | **Instructional Method:** Classroom or Virtual w/ hands-on labs

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.

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

Versions covered

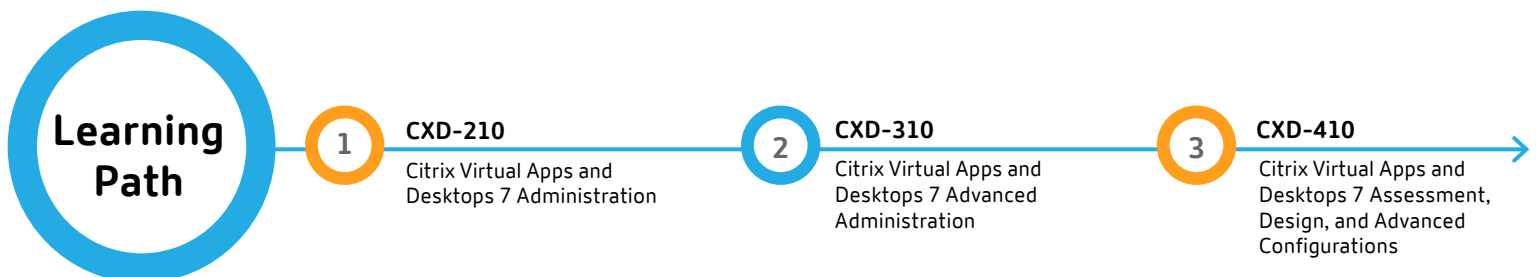This course is currently based on Citrix Virtual Apps and Desktops 7.15.

Prereq. knowledge

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

Is this course for me?

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 guiding others through the process (as a consultant), you should consider taking this training.

Learning Path

1 CXD-210
Citrix Virtual Apps and Desktops 7 Administration

2 CXD-310
Citrix Virtual Apps and Desktops 7 Advanced Administration

3 CXD-410
Citrix Virtual Apps and Desktops 7 Assessment, Design, and Advanced Configurations

Citrix Virtual Apps and Desktops 7 Assessment, Design and Advanced Configuration

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 Workspace App
- 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