



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

Duration: 90 Days **Course Code: CWS-415** **Delivery Method: e-Learning**

Overview:

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

This e-learning course covers the Citrix Consulting approach to design and covers the key design decisions through lectures, lab exercises, and interactive discussions. Additional considerations and advanced configurations for multi-location solutions and disaster recovery planning are also incorporated into this class.

This training will help you prepare for the Citrix Certified Expert in Virtualization (CCE-V) exam.

Certification: CCE-V

Duration: 30 hours

Valid: Subscription is valid for 90 days

Target Audience:

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.

Objectives:

- **After completing this course you should be able to:**
 - 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.
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Prerequisites:

Attendees should meet the following prerequisites:

- Extensive experience with Citrix Virtual Apps and Desktops 7 as well as experience with Citrix Gateway and supporting infrastructure.
- Attendance of **CXD-310** or **CWS-315** is recommended.
- CMB-318 - Citrix Virtual Apps and Desktops 7, App Layering, and WEM Administration (Fast-Track) + 2 exams
- CWS-215 - Citrix Virtual Apps and Desktops 7 Administration On-Premises and in Citrix Cloud + Exam
- CWS-314 - Citrix App Layering and WEM Administration
- CWS-315 - Citrix Virtual Apps and Desktops 7 Advanced Administration + Exam

Testing and Certification

Recommended as preparation for the following exams:

Citrix Certified Expert - Virtualization Exam (CCE-V)

Please note you will need to have the CCP-V Certification in order to obtain the CCE-V Accreditation

Content:

Methodology ; Assessment

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

User Layer

- Endpoints ; Peripherals
- Citrix Workspace App
- Network Connectivity

Access Layer

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

Resource Layer - Images

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

Resource Layer - Applications and Personalization

- Application Delivery
- Profiles
- Policies
- Printing*

Control Layer

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

Hardware/Compute Layer

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

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

Disaster Recovery

- Disaster Recovery - Levels
- Disaster Recovery - Strategy
- Disaster Recovery – Process

*Optional content based on instructor criteria

Further Information:

For More information, or to book your course, please call us on 0800/84.009

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