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

**Duration: 5 Days    Course Code: CWS-415    Version: 7.19    Delivery Method: Virtual Learning**

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### 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 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. 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.**

### Virtual Learning

This interactive training can be taken from any location, your office or home and is delivered by a trainer. This training does not have any delegates in the class with the instructor, since all delegates are virtually connected. Virtual delegates do not travel to this course, Global Knowledge will send you all the information needed before the start of the course and you can test the logins.

This course includes an exam.

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### 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.

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### 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)
- CWS-215 - Citrix Virtual Apps and Desktops 7 Administration On-Premises and in Citrix Cloud
- CWS-314 - Citrix App Layering and WEM Administration
- CWS-315 - Citrix Virtual Apps and Desktops 7 Advanced Administration

### Testing and Certification

**Recommended as preparation for the following exams:**

- Citrix Certified Expert - Virtualization Exam  
**Please note you will need to have the CCP-V Certification in order to obtain the CCE-V Accreditation**
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## 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 Head Office 01189 123456 / Northern Office 0113 242 5931

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