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Learning Style: Virtual Classroom

Technology: Citrix

Difficulty: Intermediate

Course Duration: 5 Days

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

About this Course:

Citrix Administrator Certification has incredible value and worth in today's world of business and technology. On average, a professional having Citrix Certification earns $73,841 annually and find it easy to successfully land a reputable job.

This course is designed for professionals striving to learn the key concepts of evaluating the Citrix environment and exploring the possible circumstances. The teachings of this course train the professionals and students with the art of making a decision in compliance with the ever-evolving business needs for virtualization. Providing an overview of Citrix consulting practices, professionals also learn the fundamentals of disaster recovery management and multi-location solutions. The primary objective of this course is to prepare professionals seeking success in the Citrix Certified Expert in Virtualization (CCE-V) exam.

Course Objectives:

The core objective of this course is to help professionals gain valuable knowledge and understanding of the following key elements:

- Pre-Existing Deployment Pertinent Information Evaluation of Citrix Virtual App and Desktop Ecosystem
- Identification of Risks and Areas needing Improvement in Citrix Environment
- Designing Citrix Virtual Apps and Developing Desktop Designs
- Taking Development Decision while maintaining perfect alignment with the business needs
- Developing a Practical Solution based on evaluation of existing Citrix Environment
- Developing Disaster Management and Recovery Plan for Citrix Virtual Desktop & Apps.
- Describing Numerous Disaster Recovery Considerations

Audience:

- Experienced IT Professionals with practical knowledge of Citrix Desktops 7, Virtual Apps, and Infrastructure.
- Professionals liable for designing and maintaining Citrix Virtual App and Desktop ecosystem
- Professional IT Consultants

Prerequisites:

Professionals planning to enroll in the Citrix Virtual Apps and Desktops 7 Assessment, Design, and Advanced Configuration (CWS-415) course requires to comply with the following prerequisites:

- Extensive experience of working with Citrix Gateway, Virtual Apps, and Desktops 7
- Conceptual understanding of the System Infrastructure

Course Outline:

Module 1: Methodology & Assessment

- Methodology

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

Module 2: User Layer

- Endpoints & Peripherals
- Citrix Workspace App
- Network Connectivity

Module 3: Access Layer

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

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 & 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: 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

Module 9: Disaster Recovery

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

*Optional content based on instructor criteria