Citrix ADC 12.x Essentials and Traffic Management

Duration: 5 Days   Course Code: CNS-220

Overview:

Build your Citrix ADC knowledge and skills by enrolling in this fiveday course.

It covers Citrix ADC essentials-- platforms, architecture, licensing and functionality – and also focuses on traffic management, including content switching, traffic optimization and global server load balancing (GSLB).

You will learn about key ADC capabilities such as high availability, security and performance, and explore SSL offload, load balancing and monitoring.

The traffic management curriculum will cover AppExpert policy engines, the Rewrite and Responder features, content switching, and Security Insight.

The course is designed for IT professionals with little or no Citrix ADC experience.

Target Audience:

Built for IT Professionals working with Citrix ADC, with little to no previous ADC experience.

Potential students include administrators, engineers, and architects interested in learning how to implement and manage Citrix ADC features using leading practices.

Objectives:

- Understand the functionalities and capabilities of Citrix ADC

- How to obtain, install, and manage Citrix ADC licenses

- Comprehend basic ADC network architecture

- Understand how SSL is used to secure Citrix ADC

- Optimize the ADC system for traffic handling and management

- Customize the ADC system for traffic flow and content-specific requirements

Prerequisites:

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Content:

Module 1: Getting Started

- Introduction to Citrix ADC
- Feature and Platform Overview
- Deployment Options
- Architectural Overview
- Setup and Management

Module 2: Basic Networking

- Networking Topology
- Citrix ADC Components
- Routing
- Access Control Lists

Module 3: Citrix ADC Platforms

- Citrix MPX
- Citrix VPX
- Citrix CPX
- Citrix SDX

Module 4: High Availability

- Citrix ADC High Availability
- High Availability Configuration
- Managing High Availability
- Troubleshooting High Availability

Module 5: Load Balancing

- Load Balancing Overview
- Load Balancing Methods and Monitors
- Load Balancing Traffic Types
- Load Balancing Protection
- Load Balancing Troubleshooting

Module 6: SSL Offload

- SSL Overview
- SSL Configuration
- SSL Offload
- Troubleshooting SSL Offload
- SSL Vulnerabilities and Protections

Module 7: Securing the Citrix ADC

- Authentication, Authorization, and Auditing
- Configuring External Authentication
- Admin Partitions

Module 8: Troubleshooting

- Citrix ADC Logging
- Monitoring with SNMP
- Reporting and Diagnostics
- AppFlow Functions
- Citrix Application Delivery Management
- Troubleshooting

Module 9: Classic Policies

- Policy Overview
- Basics of Content Filtering

Module 10: Classic Policies

- Default Policy Overview
- Default Expression Syntax
- Policy Bindings
- AppExpert Additional Features

Module 11: Rewrite, Responder, and

- URL Transformation
- Rewrite Policies
- Responder Policies
- DNS Rewrite and Responder
- URL Transformation

Module 12: Content Switching

- Content Switching Overview
- Content Switching Configuration

Module 13: Optimization

- Citrix ADC Optimization Overview
- HTTP Compression
- Integrated Caching
- Front-End Optimization

Module 14: Global Server Load Balancing

- GSLB Overview
- GSLB Architecture
- Content-Switching GSLB
- GSLB MEP and Monitoring
- Customizing GSLB

Module 15: Clustering

- Citrix ADC Clustering Overview
- Citrix ADC Cluster Configuration

Further Information:

For More information, or to book your course, please call us on 00 966 92000 9278