Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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CNS-225 Deploy and Manage Citrix ADC 13.x with Traffic Management

CODE:	LENGTH:	PRICE:
CTX-CNS-225	40 Hours (5 days)	$5,000.00

Description

Build your Citrix ADC knowledge and skills by enrolling in this five-day course.It covers Citrix ADC essentials-- platforms, architecture, licensing and functionality – and also focuses on traffic management, including content switching, trafficoptimization 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 the AppExpert policy engine, the Rewrite and Responder features, and Content Switching.

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

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.

Prerequisites

This course requires little to no previous experience with Citrix ADC; however, Citrix recommends a basic understanding of of TCP/IP, HTTP, and of the OSI model, network devices, and networking protocols

Programme

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: ADC Platforms
- Citrix ADC MPX
- Citrix ADC VPX
- Citrix ADC CPX
- Citrix ADC SDX
- Citrix ADC BLX

Module 4: High Availability
- Citrix ADC High Availability
- High Availability Configuration
- Managing High Availability
- In Service Software Upgrade
- Troubleshooting High Availability

Module 5: Load balancing
- Load Balancing Overview
- Load Balancing Methods and Monitors
- Load Balancing Traffic Types
- Load Balancing Protection
- Priority Load Balancing
- Load Balancing Troubleshooting

Module 6: SSL Offloading
- SSL Overview
- SSL Configuration
- SSL Offload
- Troubleshooting SSL Offload
- SSL Vulnerabilities and Protections

Module 7: Security
- Citrix ADC Logging
- Monitoring with SNMP
- Reporting and Diagnostics
- AppFlow Functions
- Citrix Application Delivery Management
- Troubleshooting

Module 8: Monitoring and Troubleshooting
- Authentication, Authorization, and Auditing
- Configuring External Authentication
- Admin Partitions

Module 9: Advanced Policies
- Default Policy Overview
- Default Expression Syntax
- Policy Bindings
- AppExpert Additional Features

Module 10: Rewrite Responder URL Transformation
- Rewrite Policies
- Responder Policies
- DNS Rewrite and Responder
- URL Transformation

Module 11: Content Switching
• Content Switching Overview
• Content Switching Configuration

Module 12: Optimization
• Citrix ADC Optimization Overview
• HTTP Compression
• Integrated Caching
• Front-End Optimization

Module 13: Global Server Load Balancing
• GSLB Overview
• GSLB Architecture
• Content-Switching GSLB
• GSLB MEP and Monitoring
• Customizing GSLB

Session Dates

On request. Please Contact Us

Additional Information

This training is also available as onsite training. Please contact us to find out more.