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Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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Citrix (NetScaler) ADC 12.x Essentials and Traffic Management

CODE:	LENGTH:	PRICE:
CTX-CNS-220	40 Hours (5 days)	$5,000.00

Description

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.

Objectives

What you'll learn
• 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

Audience

Is this course for me?
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

Prereq. knowledge
This course requires little to no previous experience with Citrix ADC; however, Citrix recommends completing the free Citrix ADC Introduction bundle at elearning.citrix.com.

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: 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

Session Dates

On request. Please Contact Us

Additional Information

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