

CNS-223 Implement Citrix ADC 13.x

Course Summary

Description

Learn the skills required to implement Citrix ADC Essential components including secure Load Balancing, High Availability, and Citrix ADC Management. At the end of the course, students will be able to configure their Citrix ADC environments to address traffic delivery and management requirements including Load Balancing, Availability, and ADC Operation Management.

Objectives

After taking this course, students will be able to:

- Understand the functionality and capabilities of the Citrix ADC
- Complete the initial setup and configuration of the Citrix ADC appliance
- Understand Citrix ADC Load Balancing and High Availability configuration options and management
- Employ recommended tools and techniques to troubleshoot common ADC network and connectivity issues

Topics

- Getting Started
- Basic Networking
- ADC Platforms
- High Availability
- Load balancing
- SSL Offloading
- Security
- Security

Audience

This course is designed for experienced IT Professionals who want to be familiar with Citrix ADC. Potential students include administrators, engineers, and architects interested in learning how to deploy or manage Citrix ADC.

Prerequisites

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

Duration

Three days

CNS-223 Implement Citrix ADC 13.x

Course Outline

I. Getting Started

- A. Introduction to Citrix ADC
- B. Feature and Platform Overview
- C. Deployment Options
- D. Architectural Overview
- E. Setup and Management

II. Basic Networking

- A. Networking Topology
- B. Citrix ADC Components
- C. Routing
- D. Access Control Lists

III. ADC Platforms

- A. Citrix ADC MPX
- B. Citrix ADC VPX
- C. Citrix ADC CPX
- D. Citrix ADC SDX
- E. Citrix ADC BLX

IV. High Availability

- A. Citrix ADC High Availability
- B. High Availability Configuration
- C. Managing High Availability
- D. In Service Software Upgrade
- E. Troubleshooting High Availability

V. Load balancing

- A. Load Balancing Overview
- B. Load Balancing Methods and Monitors
- C. Load Balancing Traffic Types
- D. Load Balancing Protection
- E. Priority Load Balancing
- F. Load Balancing Troubleshooting

VI. SSL Offloading

- A. SSL Overview
- B. SSL Configuration
- C. SSL Offload
- D. Troubleshooting SSL Offload
- E. SSL Vulnerabilities and Protections

VII. Security

- A. Authentication, Authorization, and Auditing
- B. Configuring External Authentication
- C. Admin Partitions

VIII. Security

- A. Citrix ADC Logging
- B. Monitoring with SNMP
- C. Reporting and Diagnostics
- D. AppFlow Functions
- E. Citrix Application Delivery Management
- F. Troubleshooting