

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

Overview

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, 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 the AppExpert policy engine, the Rewrite and Responder features, and Content Switching.

Prerequisite Comments

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.

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.

Course 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

[Register Online](#)

Schedule

Class Length: 5 Days

G2R = "Guaranteed to Run" OLL = "Online LIVE" ILT = "Instructor-Led-Training"				
01/31/22	10:00AM - 5:30PM	Allentown, PA	OLL	\$5,000.00
01/31/22	10:00AM - 5:30PM	Wilkes-Barre/Scranton, PA	OLL	\$5,000.00
01/31/22	10:00AM - 5:30PM	Reading, PA	OLL	\$5,000.00
02/14/22	10:00AM - 5:30PM	Allentown, PA	OLL	\$5,000.00
02/14/22	10:00AM - 5:30PM	Wilkes-Barre/Scranton, PA	OLL	\$5,000.00
02/14/22	10:00AM - 5:30PM	Reading, PA	OLL	\$5,000.00
02/28/22	10:00AM - 5:30PM	Allentown, PA	OLL	\$5,000.00
02/28/22	10:00AM - 5:30PM	Wilkes-Barre/Scranton, PA	OLL	\$5,000.00
02/28/22	10:00AM - 5:30PM	Reading, PA	OLL	\$5,000.00
03/07/22	10:00AM - 5:30PM	Allentown, PA	OLL	\$5,000.00
03/07/22	10:00AM - 5:30PM	Reading, PA	OLL	\$5,000.00
03/07/22	10:00AM - 5:30PM	Wilkes-Barre/Scranton, PA	OLL	\$5,000.00
03/14/22	9:00AM - 5:00PM	Wilkes-Barre/Scranton, PA	OLL	\$5,000.00
03/14/22	9:00AM - 5:00PM	Allentown, PA	OLL	\$5,000.00
03/14/22	9:00AM - 5:00PM	Reading, PA	OLL	\$5,000.00
03/21/22	10:00AM - 5:30PM	Wilkes-Barre/Scranton, PA	OLL	\$5,000.00
03/21/22	10:00AM - 5:30PM	Allentown, PA	OLL	\$5,000.00

03/21/22	10:00AM - 5:30PM	Reading, PA	OLL	\$5,000.00
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Course Outline

1 - Module 1: Getting Started

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

2 - Module 2: Basic Networking

Networking Topology
Citrix ADC Components
Routing
Access Control Lists

3 - Module 3: ADC Platforms

Citrix ADC MPX
Citrix ADC VPX
Citrix ADC CPX
Citrix ADC SDX
Citrix ADC BLX

4 - Module 4: High Availability

Citrix ADC High Availability
High Availability Configuration
Managing High Availability
In Service Software Upgrade
Troubleshooting High Availability

5 - 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

6 - Module 6: SSL Offloading

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

7 - Module 7: Security

Authentication, Authorization, and Auditing
Configuring External Authentication
Admin Partitions

8 - Module 8: Security

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

9 - Module 9: Advanced Policies

Default Policy Overview
Default Expression Syntax
Policy Bindings
AppExpert Additional Features

10 - Module 10: Rewrite Responder URL Transformation

Rewrite Policies
Responder Policies
DNS Rewrite and Responder
URL Transformation

11 - Module 11: Content Switching

Content Switching Overview
Content Switching Configuration

12 - Module 12: Optimization

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

13 - Module 13: Global Server Load Balancing

GSLB Overview

GSLB Architecture

Content-Switching GSLB

GSLB MEP and Monitoring

Customizing GSLB
