



## Deploy and Manage Citrix ADC 13.x with Traffic Management

**Duration: 5 Days**    **Course Code: CNS-225**    **Version: 13.x**    **Delivery Method: Virtual Learning**

---

### 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.

### Virtual Learning

This interactive training can be taken from any location, your office or home and is delivered by a trainer. This training does not have any delegates in the class with the instructor, since all delegates are virtually connected. Virtual delegates do not travel to this course, Global Knowledge will send you all the information needed before the start of the course and you can test the logins.

This course includes an exam.

---

### 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
  - Understand how SSL is used to secure Citrix ADC
  - How to obtain, install, and manage Citrix ADC licenses
  - Optimize the ADC system for traffic handling and management
  - Comprehend basic ADC network architecture
- 

### 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.

### Testing and Certification

- Citrix Certified Associate - Networking (CCA-N)
-

## 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: 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

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

### Module 8: Security

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

### 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

---

## Further Information:

For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931

[info@globalknowledge.co.uk](mailto:info@globalknowledge.co.uk)

[www.globalknowledge.com/en-gb/](http://www.globalknowledge.com/en-gb/)

Global Knowledge, Mulberry Business Park, Fishponds Road, Wokingham Berkshire RG41 2GY UK