

## NetScaler ADC 14.x Administration

**Duration: 5 Days**    **Course Code: CINS-201**    **Version: 14.x**    **Delivery Method: Virtual Learning**

### Overview:

This course provides a thorough introduction to administering Citrix NetScaler ADC 14.x. Over five days, participants will explore NetScaler ADC features, networking, security, load balancing, and advanced capabilities like SSL offloading, policies, and global server load balancing (GSLB). Hands-on labs reinforce theoretical knowledge, helping IT professionals manage and optimise NetScaler ADC environments effectively.

#### 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.

### Target Audience:

This course is aimed at IT Professionals working with NetScaler ADC

### Objectives:

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|--|---|
| ■ After you complete this course you will be able to:              | ■ Comprehend basic NetScaler network architecture                   |
| ■ Understand the functionalities and capabilities of NetScaler ADC | ■ Understand how SSL is used to secure NetScaler ADC                |
| ■ Obtain, install, and manage NetScaler ADC licenses               | ■ Optimize the NetScaler system for traffic handling and management |

### Prerequisites:

#### Attendees should meet the following prerequisites:

- No previous experience with NetScaler AD is required.
- A basic understanding of TCP/IP, HTTP, and of the OSI model, network devices, and networking protocols is recommended.

### Testing and Certification

#### Recommended preparation for exam(s):

- CCA-AppDS

### Follow-on-Courses:

- NSGW-253 - NetScaler Gateway 14.x Deployment for Citrix Environments
- NS-301 - Citrix NetScaler ADC 14.x Advanced Features (Security and Management)

## 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: High Availability

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

### Module 4: Load Balancing

- Load Balancing Overview
- Load Balancing Methods and Monitors
- Load Balancing Traffic Types
- Load Balancing Protection
- Priority Load Balancing
- Load Balancing Troubleshooting

### Module 5: SSL Offloading

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

### Module 6: Securing System Traffic

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

### Module 7: Monitoring ; Troubleshooting

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

### Module 8: Intro to Policies and Responder Policies

- Default Policy Overview
- Default Expression Syntax
- Policy Bindings
- AppExpert Additional Features
- Responder Policies

### Module 9: Rewrite ; URL Transform

- Rewrite Policies
- DNS Rewrite
- URL Transformation

### Module 10: Advanced Policy Expressions

- Advanced/Default Policy Engine.
- Intro to Content Switching.
- Content Switching Policies
- Content Switching protection features

### Module 11: Optimization

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

### Module 12: 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 0800/84.009

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