

NetScaler ADC 14.x Administration

Duration: 5 Days **Course Code: CINS-201** **Version: 14.x**

Overview:

This course provides a thorough introduction to administering Citrix NetScaler ADC 14.x, designed for IT Professionals working with NetScaler ADC, with little to no previous NetScaler experience.

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. Product Versions Covered: NetScaler VPX v14.1 and NetScaler Console v14.1

Updated 18/02/2026

Target Audience:

Potential students include administrators, engineers, and architects interested in identifying, implementing and managing a NetScaler ADC

Objectives:

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

This course requires little to no previous experience with NetScaler ADC.

However, Citrix recommends a basic understanding of TCP/IP, HTTP, and of the OSI model, network devices, and networking protocols.

Testing and Certification

Recommended preparation for exam(s):

- Citrix Certified Associate – App Delivery and Security (CCA-AppDS)
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Follow-on-Courses:

- NSGW-253: NetScaler Gateway 14.x Deployment for Citrix Environments
 - NS-301 NetScaler ADC 14.x Advanced Features
 - NSGW-253 - NetScaler Gateway 14.x Deployment for Citrix Environments
 - NS-301 - Citrix NetScaler ADC 14.x Advanced Features (Security and Management)
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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 Head Office Tel.: +974 40316639

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