NetScaler Gateway 14.x Administration for Citrix Environments

Category: Networking & Security | **Vendor:** Citrix

Duration: 40.00 hours (5 days) **32.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

Built for IT Professionals working with NetScaler ADC, with little to no previous NetScaler ADC experience. Potential students include administrators, engineers, and architects interested in learning how to implement and manage NetScaler ADC features using leading practices.

About This Course

- Getting Started
- Basic Networking
- High Availability
- Load Balancing
- SSL Offloading
- Securing System Traffic
- Monitoring & Troubleshooting
- NetScaler Gateway
- AppExpert Expressions
- Authentication, Authorization & Secure Web Gateway
- Manage Client Connections
- Integration with CVAD
- Configuring NetScaler Gateway

Who Should Attend

For administrators and engineers

Prerequisites & Entry Requirements

General 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.

Learning Outcomes

Upon successful completion of this course, participants will be able to:

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

Detailed Course Outline

Module 1: Getting Started

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

Module 2: Basic Networking

- Networking Topology
- NetScaler ADC Components
- Routing
- Access Control Lists

Module 3: High Availability

- NetScaler 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

- NetScaler ADC Logging

- Monitoring with SNMP

- Reporting and Diagnostics

- AppFlow Functions
- Citrix Application Delivery Management
- Troubleshooting

Module 8: NetScaler Gateway

- Introduction to NetScaler Gateway
- Advantages and Utilities of NetScaler Gateway
- NetScaler Gateway Configuration
- Common Deployments

Module 9: AppExpert Expressions

- Introduction to AppExpert Policies
- Default Policies
- Explore NetScaler Gateway Policies
- Policy Bind Points
- Using AppExpert with NetScaler Gateway

Module 10: Authentication, Authorization & Secure Web Gateway

- Authentication and Authorization
- Multi-Factor Authentication
- nFactor Visualizer
- SAML authentication

Module 11: Manage Client Connections

- Session Policies and Profiles
- Pre and Post Authentication Policies
- NetScaler Gateway Deployment Options
- Managing User Sessions

Module 12 Integration with CVAD

- NetScaler Gateway Integration
- NetScaler Gateway WebFront
- ICA Proxy
- Clientless Access and Workspace App
- Access Fallback
- SmartControl and SmartAccess for ICA

Module 13: Configuring NetScaler Gateway

- Working with Apps on NetScaler Gateway
- RDP Proxy
- Portal Themes and EU

Skills You Will Learn:

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

Frequently Asked Questions

Q: What delivery options are available for NetScaler Gateway 14.x Administration for Citrix Environments?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: How many CPD hours does this course provide?

The 5-day NetScaler Gateway 14.x Administration for Citrix Environments course provides up to 32.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the NetScaler Gateway 14.x Administration for Citrix Environments training?

The training takes place over 5 day(s), with each day lasting approximately 40.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for NetScaler Gateway 14.x Administration for Citrix Environments?

Yes, we provide corporate training, dedicated training, and closed classes for NetScaler Gateway 14.x Administration for Citrix Environments. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: What related terms do people search for?

Popular related searches include: NetScaler Gateway 14.x Administration for Citrix Environments, ADC (NetScaler), NSGW-203

Q: Why choose Nexus Human for NetScaler Gateway 14.x Administration for Citrix Environments?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your NetScaler Gateway 14.x Administration for Citrix Environments training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

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