NetScaler ADC 14.x Advanced Features (Security and Management)

Category: Professional & Leadership Development | **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

Designed for experienced IT professionals, this course is best suited for individuals who will be deploying and/or managing Application Firewall, AAA for Application Traffic, and NetScaler Console (ADM) in their NetScaler environments.

You will leave this course with the skills required to deploy and manage NetScaler Web Application Firewall including types of web attacks, protections and signatures, the Adaptive learning engine, App Firewall policies and profiles, troubleshooting, and additional pertinent NetScaler security Features. You will be able to deploy AAA for Application Traffic with nFactor and understand concepts related to Login Schemas, Policy Labels, and customizations. You will also be able to deploy the NetScaler Console to manage a NetScaler environment.

About This Course

- Introduction to WAF
- WAF Profiles, Policies, Monitoring
- Implementing Protections
- Advanced Security Features
- Security and Filtering
- Introduction to AAA and nFactor Overview
- nFactor Use Cases
- AAA Customizations
- Intro to NetScaler Console
- Managing and Monitoring NetScaler Console
- Managing Apps and Configs using NetScaler Console
- Tuning and Performance Optimizations

Who Should Attend

For administrators or engineers

Prerequisites & Entry Requirements

General Prerequisites:

Strong foundational knowledge of NetScaler ADC administration and traffic management

Recommended Training:

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Learning Outcomes

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

- Configure NetScaler Web Application Firewall including policies, profiles, signatures and error pages
- Mitigate various types of attacks using the NetScaler Web Application Firewall
- Utilize additional security features of the NetScaler such as Bot Management, Rate Limiting, HTTP Callout, IP Reputation, and AppQoE.
- Deploy AAA for Application Traffic and nFactor to control access to resources behind the NetScaler.
- Use NetScaler console to monitor and manage a NetScaler environment

Detailed Course Outline

Module 1: Introduction to WAF

- The Business Problem
- Industry Standards
- Protection Methodologies
- Introducing NetScaler Web App Firewall

Module 2: WAF Profiles, Policies, Monitoring

- NetScaler Web App Firewall Policies, Profiles, and Learning
- Logging and Reporting
- Customizing Errors
- Signatures and Comment Stripping

Module 3: Implementing Protections

- Security Checks and Data Flow
- URL Protections

- Top-Level Protections
- Advanced Form Protection Checks
- Rules and Adaptive Learning
- Credit Card Check
- Safe Object

Module 4: Advanced Security Features

- Bot Protection
- API Protection
- Responder Logging
- Content Inspection

Module 5: Security and Filtering

- IP Reputation
- HTTP Callout
- IP Rate Limiting
- Application Quality of Experience (AppQoE)

Module 6: Intorduction to AAA and nFactor Overview

- Authentication, Authorization, and Auditing
- Intro to nFactor
- Policy Label
- Login Schemas
- Authentication Policy and Action
- Supported Protocol

Module 7: nFactor Use Cases

- Single Sign-On Overview

- Traffic Policies
- Security Assertion Markup Language (SAML)
- Certificate Authentication
- OAuth

Module 8: AAA Customizations

- Portal Theme Customizations
- End User License Agreement (EULA)
- Custom Error Messages

Module 9: Intro to NetScaler Console

- Introducing NetScaler Console
- NetScaler Console Service
- Getting Started with NetScaler Console
- Initial Configuration
- Instance Management

Module 10: Managing and Monitoring NetScaler Console

- User Management
- Instance Management
- Event Management
- SSL Certificate Management
- Unified Security Dashboard
- Insights

Module 11: Managing Apps and Configs using NetScaler Console

- Stylebooks
- Config Management

- Configuration Audit

- Actionable Tasks & Recommendations

Module 12: Tuning and Performance Optimizations

- Connection Profiles

- SSL Profiles

- Net Profiles

- SSL Certificate Management

- RPC Nodes

Skills You Will Learn:

- Configure NetScaler Web Application Firewall including policies, profiles, signatures and error pages
- Mitigate various types of attacks using the NetScaler Web Application Firewall
- Utilize additional security features of the NetScaler such as Bot Management, Rate Limiting, HTTP Callout, IP Reputation, and AppQoE.
- Deploy AAA for Application Traffic and nFactor to control access to resources behind the NetScaler.
- Use NetScaler console to monitor and manage a NetScaler environment

Frequently Asked Questions

Q: What delivery options are available for NetScaler ADC 14.x Advanced Features (Security and Management)?

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 ADC 14.x Advanced Features (Security and Management) 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 ADC 14.x Advanced Features (Security and Management) 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 ADC 14.x Advanced Features (Security and Management)?

Yes, we provide corporate training, dedicated training, and closed classes for NetScaler ADC 14.x Advanced Features (Security and Management). 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 ADC 14.x Advanced Features (Security and Management), Citrix Application Delivery Management, NS-301

Q: Why choose Nexus Human for NetScaler ADC 14.x Advanced Features (Security and Management)?

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 ADC 14.x Advanced Features (Security and Management) 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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