

NETSCALER ADC 14.X ADVANCED FEATURES (SECURITY AND MANAGEMENT) (NS-301)

Course Code: 843001

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.

What You'll Learn

Students will learn to,

- Understand the architecture and communication flows for Citrix Virtual Apps and Desktops 2402 LTSR on-premises.
- Install, configure, and manage Citrix Virtual Apps and Desktops environment.
- Create Citrix Virtual Apps and Desktops workloads.
- Deliver app and desktop resources to users.
- Prepares learner for Citrix Certified Associate - Virtualization (CCA-V) exam

Who Needs to Attend

Experienced IT professionals who will be deploying and/or managing Application Firewall, AAA for Application Traffic, and NetScaler Console (ADM) in their NetScaler environments.

Prerequisites

Strong foundational knowledge of NetScaler ADC administration and traffic management.

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CLASSROOM LIVE

\$5,000 USD

5 Day

Classroom Live 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: Introduction to AAA and nFactor Overview

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

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

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VIRTUAL CLASSROOM LIVE

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5 Day

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Sep 15 - 19, 2025 | 10:00 AM - 5:30 PM EST

Oct 27 - 31, 2025 | 10:00 AM - 5:30 PM EST

Dec 8 - 12, 2025 | 10:00 AM - 5:30 PM EST

Visit us at www.globalknowledge.com or call us at 1-866-716-6688.

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