Arrow ECS Finland Oy - Education Services

TRAINING OFFERING

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NS-301: NetScaler ADC 14.x Advanced Features (Security and Management)

CODE:	LENGTH:	PRICE:
CTX_NS-301	40 Hours (5 days)	€3,695.00

Description

This course replaces the outdated CNS-320

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.

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

Objectives

- 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

Audience

For administrators or engineers

Prerequisites

Strong foundational knowledge of NetScaler ADC administration and traffic management
Recommended Training:
CNS-225 Deploy and Manage NetScaler ADC with Traffic Management
CNS-227 Deploy and Manage NetScaler ADC with Gateway

Programme

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

Test and Certification

Citrix Certified Professional - App Delivery and Security

Session Dates

Date	Location	Time Zone	Language	Type	Guaranteed	PRICE
25 Jan 2027	Virtual Classroom (CET / UTC +1)		English	Instructor Led Online		€3,695.00
19 Apr 2027	Virtual Classroom (CET / UTC +1)		English	Instructor Led Online		€3,695.00

Additional Information

This training is also available as onsite training. Please contact us to find out more.