CTX-NS301 - Netscaler Adc 14.X Advanced Features (Security And Management)

Citrix - Citrix - Virtualizzazione e Cloud

Durata:	Lingue:	Certificazione:
5 Giorni	**Italiano**	**Citrix Certified Professional - App Delivery and Security**

Descrizione del corso

This five-day, instructor-led course empowers experienced IT professionals to deploy advanced security and management features of NetScaler ADC 14.x. Participants master the NetScaler Web Application Firewall—including policies, adaptive learning, and attack protection—alongside advanced capabilities like bot management, IP reputation, AppQoE, and rate limiting. They also learn to implement AAA with nFactor authentication and to administer environments via the NetScaler Console (ADM). Ideal for those pursuing deeper expertise in application delivery security.

Prerequisites
Citrix recommends students prepare for this course by taking the following course/courses: CNS-225 - Deploy and Manage Citrix ADC 13.x with Traffic Management or CNS-227 - Deploy and Manage Citrix ADC 13.x with Citrix Gateway.

Programma

Module 1: Introduction to WAF

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

Module 2: WAF Profiles, Policies, Monitoring

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- 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