NetScaler Gateway 14.x Administration for Citrix Environments

Kód kurzu: NSGW-203

Built for IT Professionals working with NetScaler ADC, with little to no previous NetScaler ADC experience.

Pro koho je kurz určen

Potential students include administrators, engineers, and architects interested in learning how to implement and manage NetScaler ADC features using leading practices.

Co Vás naučíme

- 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

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

Požadované vstupní znalosti

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.
This course prepares for the certification "Citrix Certified Associate - App Delivery and Security" (CCA-AppDS).

Osnova kurzu

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

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- 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

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