Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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NetScaler Gateway 14.x Administration for Citrix Environments

CODE:	LENGTH:	PRICE:
EDU-CTX-NSGW-203	40 Hours (5 days)	$5,000.00

Description

Built for IT Professionals working with NetScaler ADC, with little to no previous NetScaler ADC experience. Potential students include administrators, engineers, and architects interested in learning how to implement and manage NetScaler ADC features using leading practices.
Product Versions Covered: NetScaler VPX v14.1 and NetScaler Console v14.1
This course replaces the discontinued course "CNS-227: Deploy and Manage NetScaler 13.x with Citrix Gateway".

Objectives

- 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

Prerequisites

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.

Program

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
• 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

Follow on courses

NS-301: NetScaler ADC 14.x Advanced Features

Test and Certification

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

Session Dates

Date	Location	Time Zone	Language	Type	Guaranteed	PRICE
09 Nov 2026	Virtual Classroom	CST	English	Instructor Led Online		$3,750.00
14 Dec 2026	Virtual Classroom	CST	English	Instructor Led Online		$3,750.00
17 Jan 2027	Virtual Classroom	CST	English	Instructor Led Online		$3,750.00
21 Feb 2027	Virtual Classroom	CST	English	Instructor Led Online		$3,750.00
21 Mar 2027	Virtual Classroom	CST	English	Instructor Led Online		$3,750.00

Additional Information

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