

# NETSCALER GATEWAY 14.X DEPLOYMENT FOR CITRIX ENVIRONMENTS (NSGW-253)

Course Code: 4981

Learn how to configure and manage Citrix Gateway environments to address remote access requirements for Apps and Desktops.

Built for IT Professionals working with NetScaler ADC, with little to no previous NetScaler experience. Learn the skills required to configure and manage NetScaler Gateway features. At the end of the course, students will be able to configure their NetScaler Gateway environments to address remote access requirements for Apps and Desktops.

## What You'll Learn

- Configure Authentication, Authorization, and Auditing
- Integrate NetScaler Gateway with Citrix Virtual Apps, Citrix Virtual Desktops and other Citrix components
- Define End User Access and Experience
- Employ recommended tools and techniques to troubleshoot common NetScaler Gateway network and connectivity issues

## Who Needs to Attend

- Architects
- Consultants
- Engineers
- Administrators

## Prerequisites

Knowledge of NetScaler ADC architecture, setup, and management is recommended as well as a basic understanding of TCP/IP, HTTP, OSI model, network devices, and networking protocols. Course NS-201 (NetScaler ADC 14.x Administration) is highly recommended prior to attending this course.

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CLASSROOM LIVE

\$2,000 USD

2 Day

## Classroom Live Outline

### 1. **Unified Gateway**

- Challenges of remote access
- Unified Gateway feature and its role for application delivery
- Configure Unified Gateway
- Challenges of remote access
- Unified Gateway feature and its role for application delivery

### 2. **AppExpert Expressions and Policies**

- Identify policy expression structure and components of AppExpert
- Distinguish between classic and default policies.
- The types of policies available with NetScaler Gateway.
- Policy bind points.

### 3. **Authentication and Authorization**

- Authentication to establish identity
- Authorization to provide access to resources
- Customize multi-factor authentication
- Deploy Authentication and Authorization policies

### 4. **Managing Client Connections**

- Configure NetScaler Gateway plug-in with Citrix Receiver to establish VPN.
- Configure the access level and which applications users are allowed to access in the secure network
- Configure pre-authentication policies and profiles to check for client-side security before end users are authenticated

- Deploy NetScaler Gateway to allow end-user connections, including logon options
- How endpoint analysis is used to verify that the end-user device meets your requirements before allowing it to connect to your network or remain connected after end users log on

## 5. **Integrating NetScaler with XenApp and XenDesktop**

- NetScaler Gateway Integration with XenApp/XenDesktop
- Integrate with Web Interface and StoreFront
- WebFront
- Enable Clientless Access and Receiver for ICA Proxy
- Utilize Smart Control
- Configure Smart Access

## 6. **Unified Gateway**

- AppFlow Functionality
- Components of NetScaler Insight
- Configure NetScaler Insight
- NetScaler Insight Application Performance
- Generate Performance Reports

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VIRTUAL CLASSROOM LIVE

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2 Day

## Virtual Classroom Live Outline

### **Module 1: NetScaler Gateway**

- Introduction to NetScaler Gateway
- Advantages and Utilities of NetScaler Gateway
- NetScaler Gateway Configuration
- Common Deployments

### **Module 2: AppExpert Expressions**

- Introduction to AppExpert Policies
- Default Policies
- Explore Citrix ADC Gateway Policies
- Policy Bind Points
- Using AppExpert with NetScaler Gateway

### **Module 3: Authentication, Authorization & Secure Web Gateway**

- Authentication and Authorization
- Multi-Factor Authentication
- nFactor Visualizer
- SAML authentication

### **Module 4: Manage Client Connections**

- Session Policies and Profiles
- Pre and Post Authentication Policies
- NetScaler Gateway Deployment Options
- Managing User Sessions

### **Module 5: Integration with CVAD**

- NetScaler Gateway Integration
- NetScaler Gateway WebFront
- ICA Proxy

- Clientless Access and Workspace App
- Access Fallback
- SmartControl and SmartAccess for ICA

#### **Module 6: Configuring NetScaler Gateway**

- Working with Apps on NetScaler Gateway
- RDP Proxy
- Portal Themes and EU

May 1 - 2, 2025 | 10:00 AM - 5:30 PM EST

May 22 - 23, 2025 | 10:00 AM - 5:30 PM EST

Jun 12 - 13, 2025 | 10:00 AM - 5:30 PM EST

Jul 10 - 11, 2025 | 10:00 AM - 5:30 PM EST

Jul 31 - Aug 1, 2025 | 10:00 AM - 5:30 PM EST

Aug 21 - 22, 2025 | 10:00 AM - 5:30 PM EST

Sep 18 - 19, 2025 | 10:00 AM - 5:30 PM EST



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PRIVATE GROUP TRAINING

2 Day

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