

# **Citrix NetScaler Unified Gateway (CNS-221)**

**Modality: Virtual Classroom**

**Duration: 2 Days**

## **About this course:**

This training course of Citrix is perfect for the experts who wish to work and handle the environment of Unified Gateway, or NetScaler Gateway. In this manner, this course requires understudies who have NetScaler practice beforehand but not have the experience of NetScaler Gateway or Unified Gateway.

This course will assist the participants with gaining information on the most proficient method to execute Gateway, NetScaler Gateway and Unified Gateway include alongside how to deal with and configure the functions for Unified Gateway and NetScaler Gateway. Further, the training of Citrix will prepare the understudies to work their NetScaler environmental factors to embrace access requirements for Applications and Desktop.

## **Course Objective:**

The training course will enable the students to:

- Consolidate Unified Gateway alongside surplus means.
- Work on the validation and approval process.
- Troubleshoot the connection problems
- Troubleshoot the network of NetScaler Gateway with the utilization of reasonable tools and procedures.
- XenApp and XenDesktop incorporation with NetScaler.
- Comprehend the last consumer access and experience.
- Recognize the challenges of remote access.
- Comprehend the feature of Unified Gateway and its role for application delivery.
- Configure Unified Gateway.
- Classify the structure of policy expression and components of AppExpert.
- Differentiate between default and classic policies.
- Describe the kinds of policies available with NetScaler Gateway.
- Define policy bind points.

## **Audience:**

The experts are eager to pick up aptitudes and information on the best way to execute and deal with Unified Gateway and NetScaler Gateway capacities using foremost experiences. Administrators, architects, Engineers, and Implementers are the focal point of the course.

## **Prerequisite:**

To take this Citrix course, the attendees must have an understanding of following machineries and

conceptions:

- Organizational database servers practice or MS SQL Server.
- Supervision of Windows Servers and Linux.
- General Networking.
- VPN concepts, SSL encryption, and certificates knowledge of the general concept.
- Gathering guidelines and Active Directory practice and ability.
- XenDesktop, XenApp, and other Citrix Virtualization innovations information and practice.
- Simple information on MS Remote Desktop Services.

It is fundamental that the participants have finished the Overview of CNS-102 NetScaler alongside the culmination of any of the accompanying courses is mandatory before going to this course:

CNS-205 -- Citrix NetScaler 11.0 Essentials and Networking.

CNS-220 -- Citrix NetScaler Essentials and Traffic Management.

## **Course Outline:**

### **Unified Gateway**

- Understand the challenges of remote access.
- Understand the Unified Gateway feature and its role for application delivery.
- Configure Unified Gateway.
- Understand the challenges of remote access.
- Understand the Unified Gateway feature and its role for application delivery.

### **AppExpert Expressions and Policies**

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

### **Authentication and Authorization**

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

### **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.
- Explain 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.

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

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

## **Unified Gateway**

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