

NS-201: Netscaler ADC 14.X Administration Course

Course Duration: 40 Hrs.

Course Code: NS-201

Course Overview

The NS-201: NetScaler ADC 14.x Administration Course is designed to provide in-depth knowledge of deploying, configuring, and managing Citrix NetScaler ADC appliances. This course focuses on the core features of NetScaler ADC, including traffic management, load balancing, high availability, and security. Participants will gain hands-on experience with NetScaler ADC 14.x and learn best practices to ensure high performance, scalability, and reliability of applications in enterprise environments.

What You'll Learn?

By the end of this course, learners will be able to:

- Understand the architecture and key components of NetScaler ADC 14.x
- Deploy and configure NetScaler ADC in different network environments
- Manage load balancing and traffic optimization features
- Configure high availability and redundancy for uninterrupted services
- Implement basic security policies to protect applications
- Monitor, troubleshoot, and optimize NetScaler ADC performance

Target Audience

This course is ideal for:

- Network and system administrators

- IT professionals managing application delivery infrastructure
- Network engineers and consultants
- Professionals planning to work with Citrix NetScaler ADC
- Individuals preparing for Citrix NetScaler certifications

Pre-Requisites

To get the most out of this course, participants should have:

- Basic understanding of networking concepts (TCP/IP, DNS, HTTP/HTTPS)
- Familiarity with server virtualization and application hosting
- Prior experience with networking or system administration is recommended but not mandatory

Course Content

Module 1: Introduction to NetScaler ADC

Overview of NetScaler ADC, features, editions, and deployment scenarios

Module 2: NetScaler ADC Architecture

Understanding system architecture, traffic flow, and core components

Module 3: Initial Setup and Configuration

Installation, licensing, and basic configuration of NetScaler ADC 14.x

Module 4: Traffic Management and Load Balancing

Load balancing methods, virtual servers, services, and monitors

Module 5: High Availability and Redundancy

Configuring HA pairs, failover mechanisms, and synchronization

Module 6: NetScaler ADC Security Basics

Introduction to SSL, authentication, and basic security policies

Module 7: Monitoring, Logging, and Reporting

Using dashboards, logs, and tools to monitor performance

Module 8: Troubleshooting and Optimization

Common issues, diagnostics, and performance tuning best practices

