

Citrix NetScaler 12.x Advanced Topics-Management and Optimization

Certification: [CCP-N](#) | Course Length: [2 days](#) | Instructional Method: [Classroom or Virtual with hands-on labs](#)

Course Overview:

Master the deployment and usage of the NetScaler Management and Analytics System (MAS) with this two-day management and optimization course. You'll gain the skills needed to automate and manage network services for scale-out of application architectures, and to optimize NetScaler-managed application delivery traffic. The curriculum focuses on centrally managing multiple NetScaler platforms, orchestrating configuration changes, reporting on transactions, visualizing infrastructure and planning infrastructure expansion. You will also learn how to implement NetScaler features, including caching, front-end optimization, NetScaler web logging and TCP/HTTP optimization, to optimize traffic managed by your NetScaler environment.

What you'll learn:

- Manage multiple NetScaler platforms centrally
- Orchestrate configuration changes
- Report on transactions passing through the NetScaler environment
- Visualize infrastructure and plan expansion

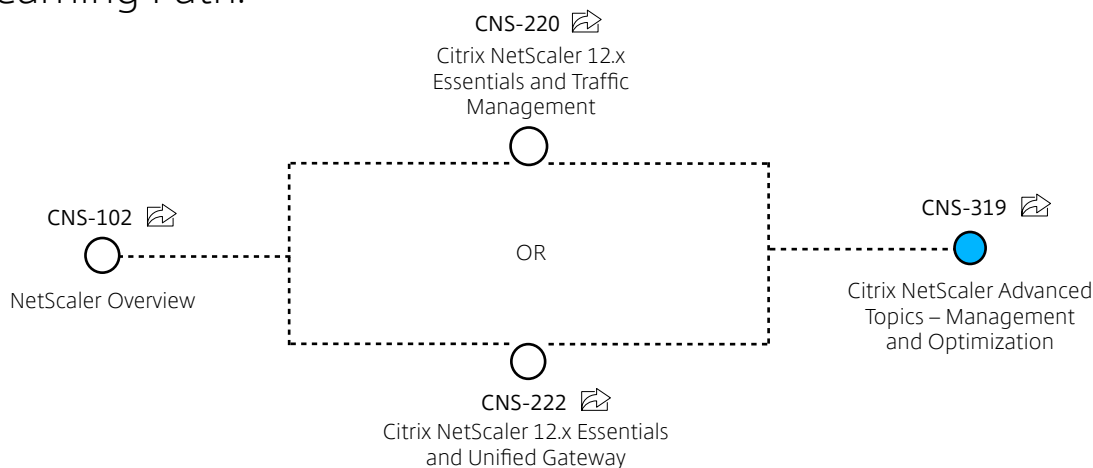
Is this course for you?

This course is designed for students with previous NetScaler experience, and best suited for individuals who will be deploying NetScaler Management and Analytics System (MAS) to administer a Citrix NetScaler environment or optimize NetScaler-managed application delivery traffic.

Prerequisite Knowledge:

Recommended pre-requisite courses: [CNS-102 NetScaler Overview](#), [CNS-220 Citrix NetScaler Essentials and Traffic Management](#), or [CNS-222 Citrix NetScaler Essentials and Unified Gateway](#).

Learning Path:



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Module 1: NetScaler MAS Introduction

- An introduction to MAS
- MAS Deployment and Configuration
- Deploying MAS in High Availability
- MAS Instance Management

Module 2: Managing and Monitoring MAS

- Inventory Management
- User Management
- Analytics and Automation
- SSL Certificate Management

Module 3: Managing NetScaler Configuration

- Application Management
- StyleBooks
- Configuration Management

Module 4: NetScaler Web Logging

- Understanding Web Traffic
- Installing and configuring NetScaler Web Logging
- Troubleshooting NetScaler Web Logging

Module 5: NetScaler Integrated Caching

- Introduction to Integrated Caching
- Static and Dynamic Content
- Request and Response Process Flow
- Understanding Cache Policies
- Identifying Content Group Settings

Module 6: Front-End Optimization

- Improving Content Delivery
- Front-End Optimization Use Cases
- Understanding Minification
- CSS Optimizations

Module 7: Tuning and Optimizations

- Connections on the NetScaler
- Connection Profiles
- Queuing on the NetScaler
- Connection Tuning Practices