

# **(CNS-220) Citrix NetScaler Essentials and Traffic Management**

## 1. Getting Started

- Introduction to NetScaler
- Feature and Platform Overview
- Deployment Options
- Architectural Overview
- Setup and Management

## 2. Basic Networking

- Networking Topology
- NetScaler Components
- Routing
- Access Control Lists

## 3. NetScaler Platforms

- NetScaler MPX
- NetScaler VPX
- NetScaler CPX
- NetScaler SDX

## 4. High Availability

- NetScaler High Availability
- High Availability Configuration
- Managing High Availability
- Troubleshooting High Availability

## 5. Load Balancing

- Load Balancing Overview
- Load Balancing Methods and Monitors
- Load Balancing Traffic Types
- Load Balancing Protection
- Load Balancing Troubleshooting

## 6. SSL Offload

- SSL Overview
- SSL Configuration
- SSL Offload
- Troubleshooting SSL Offload
- SSL Vulnerabilities and Protections

## 7. Securing the NetScaler

- Authentication, Authorization, and Auditing
- Configuring External Authentication

- Admin Partitions

## 8. Troubleshooting

- NetScaler Logging
- Monitoring with SNMP
- Reporting and Diagnostics
- AppFlow Functions
- NetScaler Management and Analytics System (MAS)
- Troubleshooting

## 9. Classic Policies

- Policy Overview
- Basics of Content Filtering

## 10. Default Policies

- Default Policy Overview
- Default Expression Syntax
- Policy Bindings
- AppExpert Additional Features

## 11. Rewrite, Responder, and URL Transformation

- Rewrite Policies
- Responder Policies
- DNS Rewrite and Responder
- URL Transformation

## 12. Content Switching

- Content Switching Overview
- Content Switching Configuration

## 13. Optimization

- NetScaler Optimization Overview
- HTTP Compression
- Integrated Caching
- Front-End Optimization

## 14. Global Server Load Balancing

- GSLB Overview
- GSLB Architecture
- Content-Switching GSLB
- GSLB MEP and Monitoring
- Customizing GSLB

## 15. Clustering

- NetScaler Clustering Overview
- NetScaler Cluster Configuration

