

CNS-222: Citrix NetScaler 12.x Essentials and Unified Gateway

Course Details

Course Outline

1. Introduction to NetScaler

- Feature and Platform Overview
- Deployment Options
- Architectural Overview
- Setup and Management

2. Networking Topologies

- NetScaler Components
- Routing
- Access Control Lists

3. NetScaler Platforms

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

4. 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 Overview

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

7. Authentication, Authorization, and Auditing

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

8. NetScaler Logging

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

9. Unified Gateway

- Introduction to Unified Gateway
- Advantages and Utilities of Unified Gateway
- Unified Gateway Configuration

10. AppExpert Expressions

- Introduction to AppExpert Policies
- Classic v. Default Policies
- Explore NetScaler Gateway Policies
- Policy Bind Points

11. Authentication and Authorization

- Authentication and Authorization
- Multi-Factor Authentication
- Authentication and Authorization Policies
- Authentication Troubleshooting

12. Managing Client Connections

- Introduction to Client Connections
- Session Policies and Profiles
- Pre and Post Authentication Policies
- NetScaler Gateway Deployment Options

13. Integration for XenDesktop and XenApp Solutions

- XenApp and XenDesktop Integration
- NetScaler Gateway Integration
- NetScaler WebFront
- ICA Proxy

- Clientless Access and Receiver
- Access Fallback
- SmartControl and SmartAccess for ICA

14. Configuring Unified Gateway

- Working with Apps on Unified Gateway
- RDP Proxy
- Portal Themes and EULA

15. NetScaler Insight Center

- Introduction to NetScaler Insight
- Understanding AppFlow
- Components for NetScaler Insight
- HDX Insight and Gateway Insight