

# **CNS-420: Citrix (NetScaler) Networking Assessment, Design, and Advanced Configuration**

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## **Course Details**

### **Course Outline**

#### **1. Networking Methodology and Assessment**

- Understanding the Citrix methodology
- Business Drivers and Requirements
- User Segmentation
- Application Assessment
- Capabilities Assessment

#### **2. Citrix Networking Deployment Architecture and Topology**

- Multi-Site Deployments
- Multi Tenant Infrastructure
- Cloud Deployments
- High Availability
- Citrix ADC Double-Hop Scenarios
- Secure Web Gateway

#### **3. Advanced Authentication and Authorization**

- Authorization Policies
- Access Policies
- Advanced Authentication Options
- Multi-Factor Authentication
- nFactor Authentication
- AAA Session Management

#### **4. Citrix ADC Security**

- Authorization
- Pre-authentication and Endpoint Analysis Scans
- Protection against Layer 4-7 Attacks
- Web App Firewall

#### **5. Citrix Gateway Configuration Considerations**

- ICA Proxy Configuration
- VPN Access
- Clientless Access

- Split Tunneling
- RDP Proxy Deployment and Configuration

## **6. Advanced Load Distribution and Link Load Balancing**

- Advanced Load Balancing
- Link Load Balancing
- Firewall Load Balancing
- Microsoft Exchange Load Balancing
- Advanced Global Server Load Balancing
- Global Server Load Balancing Persistence
- DNS, Policies, Expressions, Actions, and Views
- GSLB Monitoring and Considerations

## **7. Application Delivery Management Automation and Orchestration**

- Application Delivery Management Outbound Traffic Dashboard
- Automation
- Orchestration
- Configuration Jobs
- Configuration Audit
- NITRO API
- StyleBooks (Net-new)