
Citrix Networking Assessment, Design, and Advanced Configuration

Duration: 5 Days Course Code: CNS-420

Overview:

In this expert level 5-day training course you will be exposed to advanced networking and Citrix ADC concepts and configurations. Through lecture, lab exercises, and real-world case studies, you will learn to look critically at environment requirements, constraints, and business drivers to create a complex Citrix networking solution. Topics to be covered in this course include multi-site and multitenant deployments, advanced authentication and load balancing, and automation and orchestration and advanced troubleshooting. This training will also prepare you for the Citrix Certified Expert in Networking (CCE-N) exam.

Target Audience:

Built for IT Professionals with extensive networking and Citrix ADC experience. This course is built for IT Professionals who are responsible for defining the overall structure or architecture of a Citrix networking environment. This course encompasses advanced Citrix networking configurations and leading Citrix design principles.

Objectives:

- How to identify and prioritize business drivers, constraints, and requirements using the Citrix Consulting methodology
 - Assess environment requirements and learn to apply leading design principles to address them in a multi-site Citrix ADC deployment
 - Apply advanced authentication and load balancing principles
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Prerequisites:

This course assumes that the student has significant networking and Citrix Networking experience.

Citrix recommends a comprehensive understanding of basic and intermediate Citrix ADC features and functionalities.

Proficiency in the topics covered in CNS-220; CNS-222; and CNS-320 is strongly recommended.

Content:

Module 1: Networking Methodology and Assessment

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

Module 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

Module 3: Advanced Authentication and Authorization

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

Module 4: Citrix ADC Security Authorization

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

Module 5: Citrix Gateway Configuration Considerations

- ICA Proxy Configuration
- VPN Access
- Clientless Access
- Split Tunneling
- RDP Proxy Deployment and Configuration
- Module 6: Advanced Load Distribution and Link Load Balancing
 - Advanced 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

Module 7: Application Delivery Management

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

Further Information:

For More information, or to book your course, please call us on 00 20 (0) 2 2269 1982 or 16142

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