Course Title: Citrix Networking Assessment, Design & Advanced Configuration	**Course Duration**: 5.0 Days
Exam: Included	**Exam Type**: Proctored Exam
Qualification: Citrix Networking Assessment, Design & Advanced Configuration Certificate	

Course Syllabus

Our Citrix Networking Assessment, Design & Advanced Configuration training course covers the following subjects:

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 Tennant 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 Tunnelling
- 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)

Course Overview

In our five-day Citrix Networking Assessment, Design & Advanced Configuration 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.

Course Learning Outcomes

Upon completion of our Citrix Networking Assessment, Design & Advanced Configuration training course, you should be able to:

- How to identify and prioritise 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

Audience

Our Citrix Networking Assessment, Design & Advanced Configuration training course is built for IT Professionals with extensive networking and Citrix ADC experience.

Our Citrix Networking Assessment, Design & Advanced Configuration training course is built for IT Professionals who are responsible for defining the overall structure or architecture of a Citrix networking environment.

Our Citrix Networking Assessment, Design & Advanced Configuration training course encompasses advanced Citrix networking configurations and leading Citrix design principles.

Entry-Level Requirements

Our Citrix Networking Assessment, Design & Advanced Configuration training 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.

Recommended Reading

There is no formal recommended reading associated with our Citrix Networking Assessment, Design & Advanced Configuration training course.

What's Included

Our Citrix Networking Assessment, Design & Advanced Configuration training course includes the following:

- Pre-reading
- Course Manual
- Quizzes
- Exercises

Exam Information

We can provide more information about the Citrix Certified Expert In Networking (CCE-N) exam examination upon request. The Citrix Certified Expert In Networking (CCE-N) examination is included in the cost of our Citrix Networking Assessment, Design & Advanced Configuration training course.

What's Next

Purple Griffon also offer the following Citrix certification training courses:

- Citrix Virtual Apps & Desktops 7 Deployment & Administration
- Citrix Virtual Apps & Desktops 7 Assessment, Design & Advanced Configuration

Additional Information

Topics to be covered in our Citrix Networking Assessment, Design & Advanced Configuration training course include multi-site and multitenant deployments, advanced authentication and load balancing, and automation and orchestration and advanced troubleshooting.