Citrix (NetScaler) ADC 12.x Essentials and Citrix Gateway (CNS-222)

OVERVIEW:

Expand your Citrix networking knowledge and skills by enrolling in this five-day course. It covers Citrix ADC essentials, including secure load balancing, high availability and operations management, and also focuses on Citrix Gateway. You will learn to deliver secure remote access to apps and desktops integrating Citrix Virtual Apps and Citrix Desktops with Citrix Gateway.

This course is best suited for IT professionals, with little or no previous Citrix networking experience, who will be deploying or managing Citrix ADC, or Citrix Gateway environments.

WHO WILL BENEFIT FROM THIS COURSE?

Built for IT Professionals working with Citrix ADC and Gateway, with little or no previous Citrix networking experience. Potential students include administrators, engineers, and architects interested in learning how to deploy or manage Citrix ADC or Citrix Gateway environments.

PREREQUISITES:

Citrix recommends students prepare for this course by taking the following course: Citrix ADC eLearning bundle Overview.

COURSE OBJECTIVES:

Upon successful completion of this course, learners are able to:

- Identify the functionality and capabilities of Citrix ADC and Citrix Gateway
- Explain basic Citrix ADC and Gateway network architecture
- Identify the steps and components to secure Citrix ADC
- Configure Authentication, Authorization, and Auditing
- Integrate Citrix Gateway with Citrix Virtual Apps, Citrix Virtual Desktops and other Citrix components

COURSE OUTLINE

Module 1: Introduction to Citrix Networking

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

Module 2: Networking Topologies

- Citrix networking components
- Routing
- Access Control Lists

Module 3: Citrix Networking Platforms
- Citrix MPX
- Citrix VPX
- Citrix CPX
- Citrix SDX

Module 4: Citrix ADC High Availability
- Citrix ADC High Availability
- High Availability Configuration
- Managing High Availability
- Troubleshooting High Availability

Module 5: Load Balancing
- Load Balancing Overview
- Load Balancing Methods and Monitors
- Load Balancing Traffic Types
- Load Balancing Protection
- Load Balancing Troubleshooting

Module 6: SSL Offload
- SSL Overview
- SSL Configuration
- SSL Offload
- Troubleshooting SSL Offload
- SSL Vulnerabilities and Protections

Module 7: Citrix ADC Logging
- Monitoring with SNMP
- Reporting and Diagnostics
- AppFlow Functions
- Citrix Application Delivery Management
- Troubleshooting

Module 8: Citrix Gateway
- Introduction to Citrix Gateway
- Advantages and Utilities of Citrix Gateway
- Citrix Gateway Configuration

Module 9: Classic Policies
- Introduction to Unified Gateway
- Advantages and Utilities of Unified Gateway
- Unified Gateway Configuration

Module 10: AppExpert Expressions
- Introduction to AppExpert Policies
- Classic v. Default Policies
- Explore Citrix ADC Gateway Policies
- Policy Bind Points

Module 11: Rewrite, Responder, and URL Transformation
- Rewrite Policies
- Responder Policies
- DNS Rewrite and Responder
- URL Transformation

Module 12: Managing Client Connections
- Introduction to Client Connections
- Session Policies and Profiles
- Pre and Post Authentication Policies
- Citrix Gateway Deployment Options

Module 13: Integration for Citrix Virtual Apps and Desktops
- Virtual Apps and Desktop Integration
- Citrix Gateway Integration
- Citrix Gateway WebFront
- ICA Proxy
- Clientless Access and Receiver
- Access Fallback
- SmartControl and SmartAccess for ICA

Module 14: Configuring Citrix Gateway
- Working with Apps on Citrix Gateway
- RDP Proxy
- Portal Themes and EULA

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- Sunset Learning has won numerous Instructor Excellence and Instructor Quality Distinction awards since 2012

Enhanced Learning Experience

- The goal of our instructors during class is ensure students understand the material, guide them through our labs and encourage questions and interactive discussions.

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