

Advanced Administration for Citrix NetScaler 9.0 Platinum Edition CNS-300-2I

Course Summary

Description

This course provides the foundation to manage, configure and monitor advanced features and components of Citrix NetScaler 9.0 Platinum Edition. Interactive discussion and hands-on labs guide learners through advanced administration tasks such as troubleshooting, configuring application security with the Citrix Application Firewall™ feature, tuning the NetScaler for high traffic, configuring Authentication Authorization and Accounting for system management, and configuring Advanced Policies using service callouts. Advanced monitoring and management tasks such as configuring and using EdgeSight™ for NetScaler, Command Center, and NetScaler Web Logging are also covered. Prior NetScaler knowledge is strongly recommended.

Objectives

At the end of this course, students will be able to:

- Identify common web attacks and vulnerabilities
- Write PERL compatible regular expressions
- Configure Citrix Application Firewall™ 9.0 to protect web applications
- Troubleshoot Citrix Application Firewall 9.0
- Install and configure Citrix EdgeSight for NetScaler to monitor web application performance
- Install, configure, and use Citrix Command Center to manage NetScaler devices
- Configure and use additional advanced features of NetScaler 9.0 including NetScaler Web Logging, HTTP Callout, and AAA authentication for web applications

Topics

- Advanced Troubleshooting
- Introducing Application Firewall
- Regular Expressions
- Attacks and Protections
- Application Firewall Troubleshooting
- Queuing and Connection Tuning
- Authentication, Authorization, and Auditing
- HTTP Service Callouts
- EdgeSight for NetScaler
- Command Center
- NetScaler Web Logging

Audience

This course is intended for system administrators or network operations personnel, who configure and administer Citrix NetScaler products.

Advanced Administration for Citrix NetScaler 9.0 Platinum Edition CNS-300-2I

Course Summary (cont'd)

Prerequisites

Before taking this course, Citrix recommends that learners have the following knowledge and experience:

- Experience with configuring NetScaler systems, including an understanding of services, virtual servers, and policies
- Experience with network devices, such as routers and switches, various networking protocols and aspects of application and site architectures (such as DMZs and VLANs)
- Knowledge of network security threats and site protection concepts such as firewalls, worms, and DDoS attacks
- Understanding of concepts related to monitoring and management including basics of SNMP
- Attended one of the following courses
 - CNS-200-1I - Basic Administration for Citrix NetScaler 9.0
 - NS-BOA Citrix NetScaler Basic Operations and Administration
 - CTX-1730 Citrix NetScaler: Basic Operations, and CTX-1731 Citrix NetScaler: Administration
 - Or, equivalent experience with Citrix NetScaler version 6.1, 7.0, 8.0, 8.1 or 9.0

Duration

Five days