

CNS-300-1I Advanced Administration for Citrix NetScaler 9.0 Platinum Edition

This course provides NetScaler administrators with the knowledge required to manage and configure advanced features and components of NetScaler 9.0 Platinum Edition.

Interactive instructor-led discussion and hands-on lab exercises guide learners through advanced administration tasks for configuring, managing, and monitoring Citrix NetScaler 9.0 deployments. Advanced administration tasks include the configuration of application security with the Citrix Application Firewall feature, configuring Authentication Authorization and Accounting for system management, configuring Authentication Authorization and Accounting for Traffic Management, configuring Advanced Policies using service callouts, and Troubleshooting. The advanced monitoring and management tasks include configuring and using EdgeSight for NetScaler, Command Center, and NetScaler Web Logging.

Audience

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

Preparatory Recommendations

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 or 8.1

Key Skills

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

- 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

Instructional Method

This course is an instructor-led training course with classroom lecture, discussion, demonstrations and the practical application of concepts through hands-on exercises and lab practical.

Course Length

5 days

Certification Preparation

This course prepares learners for Exam A12 Advanced Administration for Citrix NetScaler 9.0, a requirement of the CCAA for Citrix NetScaler 9.

Registration

For more information and to register for this course, please visit www.CitrixEducation.com.

Topic Outline

Provided is the topic outline for CNS-300-11:

- Application Firewall Overview
- Application Firewall: Profile Creation
- Application Firewall: Regular Expressions
- Application Firewall: Attacks and Protections
- Application Firewall: Deployment Planning
- Application Firewall: Troubleshooting
- EdgeSight for NetScaler 1.1
- Citrix Command Center 3.2
- NetScaler Web Logging
- NetScaler AAA
- Advanced Policies and HTTP Callout
- NetScaler Traffic Management