

## CNS-200-1I Basic Administration for Citrix NetScaler 9.0

The course covers the initial configuration and administration of Citrix NetScaler 9.0. Learners gain an understanding of NetScaler features such as load balancing, SSL offload, classic and advanced expressions, rate limiting and AppExpert templates. Interactive instructor-led discussion and hands-on labs and exercises guide learners through administrator tasks preparing them to manage Citrix NetScaler 9.0 deployments.

### 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:

- Intermediate knowledge of TCP/IP and HTTP protocols and an understanding of the OSI model
- Experience with network devices such as routers and switches, various networking protocols and aspects of application and site architecture such as DMZ and VLANS
- Moderate exposure to UNIX or Linux
- Exposure to basic systems administration concepts, including logging, software upgrade procedures and high availability operations
- Familiarity with web server software such as Apache, IIS or WebSphere
- Basic knowledge of DNS, SSL, and compression concepts
- Understanding of concepts related to server load balancing and content switching
- Knowledge of network security threats and site protection concepts such as firewalls, worms, DDoS attacks

### Key Skills

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

- Identify deployment considerations and network placement options
- Perform an initial configuration
- Identify NetScaler-owned IP addresses
- Configure virtual local area networks (VLANs)
- Configure reverse network address translation (RNAT)
- Configure access control lists
- Configure high availability
- Configure load balancing
- Configure SSL offload
- Configure NetScaler features using classic policy expressions, including:
  - Content filtering
  - Content switching
  - Compression
- Perform auditing and logging
- Perform monitoring
- Configure global server load balancing (GSLB)
- Configure NetScaler features using advanced policy expressions, including:
  - Rewrite
  - Responder
  - URL transformation
  - Integrated caching
- Configure rate limiting
- Configure AppExpert templates
- Troubleshoot NetScaler configurations

## **Instructional Method**

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

## **Course Length**

5 days

## **Certification Preparation**

This course prepares students for exam 1Y0-A11 Basic Administration for Citrix NetScaler 9.0.

## **Registration**

For more information and to register for this course, please go to [www.CitrixEducation.com](http://www.CitrixEducation.com).