



Citrix NetScaler Essentials

Duration: 3 Days Course Code: CNS-218 Delivery Method: Virtuell opplæring

Overview:

Designed for students with little or no previous NetScaler experience who will be deploying or managing Citrix NetScaler environments. You will learn the skills required to implement Citrix NetScaler Essential components including secure Load Balancing, High Availability, and NetScaler Management. At the end of the course, students will be able to configure their NetScaler environments to address traffic delivery and management requirements including Load Balancing, Availability, and NetScaler Operation Management.

This course is based on the Citrix NetScaler12 product, but the skills and fundamental concepts learned are common to earlier product versions.

Students looking to achieve their CCA-N should consider taking this course combined with either CNS-219 or CNS-221 in a 5 day offering CNS-220 or CNS-222.

Target Audience:

Individuals interested in learning how to implement and manage NetScaler features using leading practices.

Objectives:

- **After completing this course you should be able to:**
 - Understand the functionality and capabilities of the NetScaler
 - Comprehend basic NetScaler network architecture
 - Identify the distinguishing use cases for each NetScaler platform
 - Complete the initial setup and configuration of the NetScaler appliance
 - Explain how SSL is used to secure the NetScaler
 - Understand NetScaler Load Balancing and High Availability configuration options and management
 - Employ recommended tools and techniques to troubleshoot common NetScaler network and connectivity issues

Prerequisites:

Attendees should meet the following prerequisites:

- **CNS-102 - NetScaler Overview - E-Learning**

Testing and Certification

Recommended as preparation for the following exams:

- Students looking to achieve the CCA-N certification should consider taking the CNS-220 or CNS-222 courses

Content:

Getting Started	High Availability	Securing the NetScaler
<ul style="list-style-type: none">■ Explain NetScaler capabilities and functionality■ Introduce NetScaler architecture■ Discuss NetScaler hardware and components■ Explore deployment and licensing options■ Perform NetScaler setup and configuration	<ul style="list-style-type: none">■ Explain NetScaler capabilities and functionality■ Introduce NetScaler architecture■ Discuss NetScaler hardware and components■ Explore deployment and licensing options■ Perform NetScaler setup and configuration	<ul style="list-style-type: none">■ Define authentication, authorization, and auditing■ Describe how to configure authentication and authorization on NetScaler■ Identify the components and steps required to secure a NetScaler configuration■ Summarize the use and benefits of Admin Partitions
Basic Networking	Load Balancing	Troubleshooting
<ul style="list-style-type: none">■ Understand the purpose of NetScaler-Owned IP Addresses■ Recognize the networking topologies used with NetScaler■ Explain the use of interfaces and VLANs during configuration■ Discuss the available NetScaler routing and traffic-handling modes■ Define Access Control Lists and how to configure them■ Describe the Network Address Translation feature of NetScaler	<ul style="list-style-type: none">■ Describe the NetScaler load-balancing process and the role of entities■ Identify the different load-balancing and monitoring options available on the NetScaler■ Define the different traffic types that can be load balanced■ Explain how monitoring and service options can be customized■ Understand third-party load-balancing services on NetScaler■ Distinguish the methods used to protect and troubleshoot a NetScaler load-balancing configuration	<ul style="list-style-type: none">■ Identify NetScaler Log issues■ Monitor the NetScaler environment with Simple Network Management Protocol data■ Leverage AppFlow, Command Center, and Insight features within the NetScaler environment■ Utilize NetScaler troubleshooting tools
NetScaler Platforms	SSL Offload	
<ul style="list-style-type: none">■ Distinguish the hardware and use cases for the NetScaler MPX, VPX, and SDX■ Discuss the multi-tenant structure of the NetScaler SDX■ Illustrate the function and benefits of various SDX interface allocation scenarios■ Identify the NetScaler SDX administrative components and their use	<ul style="list-style-type: none">■ Define SSL and how SSL Offload works■ Explain the process of creating and uploading SSL Certificates■ Demonstrate the creation of SSL virtual servers■ Identify common SSL deployments■ Describe some SSL Exploits and some of the NetScaler configuration settings that can prevent them	

Additional Information:

As part of this course, students will receive the following materials: Access to a lab environment for the duration of the course Lab exercise guide
Access to final course deliverables including copies of all official materials presented by the instructor with additional notes and references as well as videos with experts throughout Citrix around course topics and lab exercises.

Further Information:

For More information, or to book your course, please call us on 22 95 66 00

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www.globalknowledge.com/nb-no/

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