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Learning Style: Virtual Classroom

Technology: Citrix

Difficulty: Advanced

Course Duration: 5 Days

Citrix NetScaler for Apps and Desktops (CNS-222)



About this course:

This Citrix Training program is designed to assist engineers in performing various tasks with ease on Citrix NetScaler for apps. Citrix NetScaler is a web application delivery controller designed to boost application performance. The reason for its unique design is the need to minimize running and ownership costs. This app makes load balancing and server offloading easier and less costly.

Even with no past experience or knowledge of Citrix NetScaler, students can enroll into this course. You will gain adequate knowledge and teaching lessons on NetScaler, Gateway, and Unified Gateway through this certified instructor-led course. You will benefit the most from our Citrix Training program if you want to manage and deploy Citrix NetScaler on different servers.

You can add to your knowledge of NetScaler and its various functions and features through this online program. What's more is that you can easily prepare for Citrix NetScaler 12 Essentials and Unified Gateway Certification exam.

Course Objective:

After completing this course, students will be able to:

- Identify the functionality and capabilities of the NetScaler
- Explain basic NetScaler network architecture
- Explain how SSL is used to secure the NetScaler
- Configure Authentication and Authorization
- Define End User Access and Experience
- Integrate NetScaler Gateway with XenApp and XenDesktop
- Integrate Unified Gateway with additional resources
- Employ recommended tools and techniques to troubleshoot common NetScaler Gateway network and connectivity issues

Audience:

This course is intended for:

- Students and engineers looking to gain adequate professional knowledge to work on different apps for NetScaler. Specifically: Administrators, Implementers / Engineers and Architects

Prerequisites:

It is recommended to gain a basic understanding of the following concepts and technologies:

- Basic Networking
- Windows and Linux Server administration
- Experience with Citrix virtualization technologies, such as XenDesktop and XenApp
- Experience with Microsoft SQL Server or enterprise database servers
- Experience with Active Directory and Group Policy
- Basic understanding of Microsoft Remote Desktop Services
- Basic understanding of VPN concepts, including SSL encryption and certificates

Suggested prerequisites courses:

- Citrix NetScaler Essentials and Traffic Management (CNS-220)
- Enterprise Linux Systems Administration (L-250)
- Administering Microsoft SQL Server Databases (MS-20462)

Course Outline:

Part 1: NetScaler Essentials (Days 1-3)

Learn the skills required to implement NetScaler 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.

- Getting Started
- Basic Networking
- NetScaler Platforms
- High Availability
- Load Balancing
- SSL Offload
- Securing the NetScaler

- Monitoring, Management, and Troubleshooting

Part 2: NetScaler Gateway and Unified Gateway (Days 4-5)

Learn the skills required to configure and manage NetScaler Gateway and Unified Gateway features, including how to implement Gateway components including NetScaler Gateway and Unified Gateway. At the end of the course students will be able to configure their NetScaler environments to address remote access requirements for Apps and Desktops.

- Authentication and Authorization
- Access Policies
- End-User Access and Experience
- Gateway Services Load Balancing
- Integrating NetScaler with XenApp and XenDesktop
- Unified Gateway