



HP Education Services Course Overview

HODN7S - Implementing Citrix NetScaler 10.5 for XenDesktop or XenApp Solutions

The objective of Implementing Citrix NetScaler 10 for App and Desktop Solutions is to provide the foundational concepts and skills necessary to implement, configure, secure, and monitor a Citrix NetScaler system with NetScaler Gateway in a desktop virtualization environment such as one containing Citrix XenDesktop 7 or Citrix XenApp, while providing secure application and data access to users. This course is designed specifically for learners who have limited or no previous NetScaler experience. In order to successfully complete this course, learners will have access to hands-on exercises within a virtual lab environment. An optional module on NetScaler SDX appliances is included with reinforcement simulation exercises. This course is based on the Citrix NetScaler 10.1 product, but the skills and fundamental concepts learned are common to earlier product versions.

Audiences

- New to the NetScaler platform
- Interested in integrating NetScaler Gateway with Citrix XenApp or Citrix XenDesktop

Prerequisites

- Before taking this course, Citrix recommends that learners have the following:
- Familiarity with application delivery and cloud networking
- Experience with Citrix desktop virtualization technologies, such as XenDesktop and XenApp
- Familiarity with Microsoft Windows Server 2008 R2 and 2012
- 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 Windows Server networking concepts, such as DNS, IIS®, and load balancing
- Exposure to basic system administration concepts, including logging, software upgrade procedures, and high availability operations
- Familiarity with server monitoring tools
- Basic understanding of VPN concepts, including SSL encryption and certificates

Course title:	HODN7S - Implementing Citrix NetScaler 10.5 for XenDesktop or XenApp Solutions
Category/Subcategory:	Citrix
Course length:	5 days
Delivery language:	English
To order:	You can register your interest for this course online at http://www.hp.com.au/education . At the site, select the course under Citrix portfolio and you will see dates for the course. Register your interest for the date of your choice.

Course objectives

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

- Identify the capabilities and functionality of the NetScaler
- Explain basic NetScaler network architecture
- Obtain, install, and manage NetScaler licenses
- Identify the capabilities and functionality of NetScaler Gateway

- Explain how SSL is used to secure the NetScaler
- Configure authentication for users on the NetScaler Gateway
- Implement authorization to determine to which resources users have access
- Configure the NetScaler for high availability
- Implement load balancing and GSLB on the NetScaler system
- Customize the NetScaler system for traffic flow and content-specific requirements
- Configure endpoint analysis to determine the level of access for specific devices
- Enable access to applications and data for user connections
- Demonstrate monitoring and reporting through native NetScaler logging tools
- Employ recommended tools and techniques to troubleshoot common NetScaler network and connectivity issues
- Identify the unique capabilities and functionality of the NetScaler SDX platform.
- Identify the networking characteristics of the NetScaler SDX platform.
- Explain the process of provisioning and administration of NetScaler VPX instances on a NetScaler SDX appliance.

Detailed course outline

- Getting Started
- Basic Networking
- High Availability
- Basic Load Balancing
- Securing NetScaler
- AppExpert Classic Policy Engine
- Authentication and Authorization
- Access Policies
- End-User Access and Experience
- Integrating NetScaler Gateway with XenApp and XenDesktop
- AppExpert Default Policy Engine
- Global Server Load Balancing
- Monitoring and Management
- Troubleshooting
- NetScaler SDX Addendum

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