

CXS-203-1 Citrix XenServer 6.0 Administration

In this Citrix XenServer 6.0 classroom training, students are provided the foundational knowledge necessary to effectively install, configure, administer, and troubleshoot XenServer 6.0 and Provisioning Services 6.0. Students will have the opportunity to apply that foundational knowledge through the use of hands-on labs. The labs will guide students through configuring and managing a XenServer host, creating and managing Windows virtual machines and the resource pools in which they will be placed, as well as configuring the Distributed Virtual Switch (DVS) and Workload Balancing (WLB). Students will also be able to gain hands-on experience configuring a Provisioning Services host, and creating and managing vDisks.

Audience

This course is designed for IT professionals, Architects, Systems Engineers.

Preparatory Recommendations

Prior to taking this course, Citrix recommends that learners possess the following knowledge and experience:

- A basic knowledge of the purpose and goals of virtualization technology
- An understanding of computing architecture, including network and storage devices, device drivers and operating systems
- Basic experience installing and administering Microsoft Windows Server 2003 or Windows Server 2008
- Basic experience installing and administering Linux variants
- Intermediate knowledge of network devices and site architecture, including configuring VLANs
- Basic knowledge of storage terminology and technologies, including partitions, SANs, LUNs, iSCSI, NFS, and CIFS file shares

Key Skills

In this Citrix XenServer 6.0 training course, students will learn skills necessary to configure and administer XenServer 6.0, XenCenter, and Provisioning Services 6.0. Through hands-on labs, students will gain experience with:

- Installing and Implementing XenServer
- Creating and Managing Networks
- Configuring Storage
- Managing and Maintaining Virtual Machines
- Installing and Configuring Provisioning Services
- Managing vDisks and Target Devices
- Implementing Resource Pools
- Implementing the Distributed Virtual Switch (DVS)
- Implementing Workload Balancing (WLB)
- Configuring High Availability
- Managing and Troubleshooting XenServer

Instructional Method

This course is available in a classroom format and includes access to a live lab environment.

Course Length

5 days

Certification Preparation

This course prepares learners for [Exam A26 Citrix XenServer 6.0 Administration](#), a requirement for the [CCA for Citrix XenServer 6](#) (*This exam and certification are currently in development and are expected to release in Q1 2012*).

Registration

For more information and to register for this course, please go to www.citrixeducation.com.

Topic Outline

Provided is the outline for CXS-203-1:

- Introduction to XenServer
- Installing and Configuring XenServer
- XenServer Networking
- XenServer Storage Repositories
- Creating and Managing Virtual Machines
- Installing and Configuring Provisioning Services
- Managing vDisks and Target Devices
- Implementing Resource Pools
- Distributed Virtual Switching
- Workload Balancing
- Configuring High Availability
- Managing and Troubleshooting XenServer

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