

NE-6437A

Designing a Windows Server 2008 Applications Infrastructure

Summary

Duration 3 Day(s)	Vendor Microsoft	Category Networking
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Introduction

This three day course will prepare IT professionals for the role of Enterprise Administrator. Students will learn how to design application infrastructure solutions based on Windows Server 2008 to meet varying business and technical requirements.

The primary audience for this course is IT professionals (including Windows 2000/2003 enterprise administrators) interested in becoming a Windows Server 2008 Enterprise

Prerequisites

Before attending this course, students must have one or more of the following:

- Intermediate understanding of networking. For example, how TCP/IP functions, addressing (including DHCP), name resolution (DNS/WINS), and connection methods (wired, wireless, VPN), NET+ or equivalent knowledge
- Intermediate understanding of network operating systems. For example, Windows 2000, Windows XP, Windows Vista, Windows Server 2003 etc.
- Intermediate understanding of security best practices. For example, file system permissions, authentication methods, Kerberos etc.
- Intermediate knowledge of server and network hardware.
- Conceptual understanding of Active Directory (AD). For example, AD terminology, AD object types
- Hands-on experience with more than one application service such as:
 - IIS, Terminal Services, Windows Media Services
 - Virtual Server, Hyper-V
 - System Center Virtual Machine Manager

Course Objectives

After completing this course, students will be able to:

- Design IIS 7 Web Farms..
- Optimize IIS 7 for Performance and Stability.
- Design IIS 7 for Security.
- Design IIS 7 for reliability, recovery, and monitoring.
- Design and prepare a Terminal Services infrastructure.
- Design a terminal services maintenance strategy.
- Design a Windows Media Services installation for live and on-demand delivery.
- Implement virtualization to consolidate servers, support legacy applications, and create a

test environment.

- Determine virtualization appropriateness and virtual server provisioning.

Associated Certifications & Exams

On successful completion of this course students will receive both a Microsoft and Torque-IT attendance certificate. Exam TBA.