

NE- 6435A

Designing a Windows Server 2008 Network Infrastructure

Summary

Duration	Vendor	Category
5 Day(s)	Microsoft	Networking

Introduction

This five-day course will provide students with an understanding of how to design a Windows Server 2008 Network Infrastructure that meets business and technical requirements for network services.

The primary audience for this course is IT professionals, including Windows 2000 Server and Windows Server 2003 enterprise administrators interested in becoming a Windows Server 2008 Enterprise Administrator who focuses on network solutions.

Prerequisites

Before attending this course, students must have:

- Active Directory Technology Specialist level knowledge and concepts.
- Network Infrastructure Technology Specialist level knowledge and experience.
- Applications Infrastructure Technology Specialist level knowledge and experience.
- Windows Vista TS or D
- Intermediate understanding of networking concepts such as TCP/IP, name resolution, and connection methods.
- Intermediate understanding of security best practices for authentication and file permissions.
- Intermediate understanding of server and network hardware.

Course Objectives

After completing this course, students will be able to:

- Describe key components of network infrastructure design.
- Describe how to design a secure network.
- Design a plan for allocating IP addresses to workstations and servers.
- Design a network topology.
- Describe the internal considerations for network security and how they can be addressed.
- Design an appropriate name resolution system that incorporates Domain Name System (DNS).
- Optimize a name resolution system that incorporates DNS and Windows Internet Name Service (WINS).
- Design a solution for network access.
- Design a Network Access Protection (NAP) solution.
- Design a solution for operating system deployment and maintenance.
- Design the deployment of file services.

- Design print services in Windows Server 2008.
- Design high availability for applications and services.

Associated Certifications & Exams

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