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## Configuring and Troubleshooting a Windows Sever 2008 Network Infrastructure

Course Code: MS6421

### Overview

This 20-hour collection provides you with the knowledge and skills to implement and configure secure network access and to implement fault tolerant storage technologies with FSRM2 and DFS.

Topics covered in the courses within the collection include:

- Configuration of server roles, DNS, DHCP, NPS, NAP, IPsec NAP Enforcement, and file services
- IPv6 TCP/IP and RRAS configuration

Backup and security configuration

This collection helps you prepare for exam 70-642: TS: Windows Server 2008 Network Infrastructure, Configuring.

### Student Prerequisites

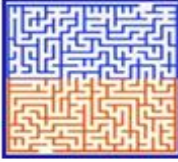
- Working experience with Windows Server 2003 or Windows Server 2008
- Completion of the online collection 6420: Fundamentals of a Windows Server 2008 Network Infrastructure and Application Platform or equivalent knowledge
- Understanding of security concepts and methodologies (for example, corporate policies)
- Basic knowledge of DHCP and IPsec

### About this Course

This five-day instructor-led course provides students with the knowledge and skills to configure and troubleshoot a Windows Sever 2008 network infrastructure. Students will learn to implement and configure secure network access and implement fault tolerant storage technologies. Students will gain an understanding of the network technologies most commonly used with Windows Server 2008 and IP-enabled networks. Students will also learn how to secure servers and maintain update compliance.

### Audience Profile

The primary audience for this course includes Active Directory technology specialists aspiring to be Enterprise Administrators (Tier 4 day-to-day network operations) or Network Administrators (Tier 2). Experienced Server Administrators aspiring to be Enterprise



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Administrators would also benefit from this course.

The secondary audience for this course includes Storage Area Network Administrators who need to understand this information to deploy or extend their current storage infrastructure. Operations Managers who need this information to support troubleshooting efforts and business decisions would also benefit from this course.

### **At Course Completion**

After completing this course, students will be able to:

- Install and configure servers.
- Configure and troubleshoot DNS.
- Configure and manage WINS.
- Configure and troubleshoot DHCP.
- Configure and troubleshoot IPv6 TCP/IP.
- Configure and troubleshoot Routing and Remote Access.
- Install, configure, and troubleshoot the Network Policy Server Role service.
- Configure Network Access Protection.
- Configure IPsec.
- Monitor and troubleshoot IPsec.
- Configure and manage Distributed File System.
- Configure and manage storage technologies.
- Configure availability of network resources and content.
- Configure server security compliance.