



Managing Messaging Security Using Microsoft Exchange Server 2007 (MS5049)

Duration: 1 day

Description

This course provides messaging specialists with the knowledge and skills to manage messaging security and policies. Students learn how to manage messaging and connection security. They also learn how to manage spam, anti-virus, and content filtering. And finally they learn how to install and configure a gateway server.

Audience

This course is intended for enterprise-level messaging administrators who have at least 3 years' experience administering Exchange Servers. Others who may take this course include IT generalists and help desk professionals who want to learn about Microsoft Exchange Server 2007. Administrators should have some experience with Exchange Server 2007.

Prerequisites

- Working knowledge of malware. For example, approaches to scanning for viruses (client-based, SMTP-based, Exchange-based), methods that worms use to propagate, basic concepts of spam, phishing schemes, and unwelcome message content.
- Conceptual understanding of firewalls. For example, how SMTP messages are allowed through a firewall.
- Working knowledge of how Public Key Infrastructure (PKI) is managed in the directory.
- Experience using these tools and applications:
 - NTBackup command.
 - NSLookup command.
 - Windows Explorer
 - Microsoft Management Console (MMC)
 - Active Directory Users and Computers
 - Active Directory Sites and Services
 - Internet Information Services (IIS) Admin
 - Outlook
- Working knowledge of Windows server operating system. For example, how storage is configured, basic backup and restore techniques, and what a client/server application interaction means.
- Working knowledge of network technologies. For example, TCP/IP and DNS do and how to use them, basic routing concepts (WAN vs. LAN, router vs. switch vs. hub).
- Working knowledge of Active Directory. For example, how user objects are managed, what is stored in Active Directory partitions, basic architectures (domain, forest, sites, etc.), and how domain controllers are managed; site and site connector configuration, schema and configuration partitions, and Global Catalogs.



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- Working knowledge of Exchange Server 2007. For example, what the different server roles are, how the different server roles interact, what protocols the server roles use to communicate, what roles the clients connect to, how to configure messaging recipients and Exchange Server 2007 computers.
- Conceptual understanding of e-mail technologies. For example, that SMTP is a protocol used for e-mail and the differences between transport protocols and client access protocols (POP, IMAP, and SMTP).
- Completion of the following equivalent knowledge: Configure and manage a messaging environment in accordance with technical requirements.

Topics

MODULE 1: MAINTAINING ANTIVIRUS AND ANTI-SPAM SYSTEMS

Lessons

- Introduction to Antivirus and Anti-Spam Management
- Implementing Anti-spam Features
- Implementing Antivirus Features

Lab: Maintaining Antivirus and Anti-Spam Systems

- Reviewing the Contents of the Spam Quarantine
- Discussion: Modifying Spam and Antivirus Settings
- Modifying Spam and Antivirus Settings

MODULE 2: CONFIGURING EDGE TRANSPORT SERVERS

Lessons

- Deploying Edge Transport Servers
Configuring Internet Message Delivery
- Configuring Security for Internet E-Mail

Lab: Configuring Edge Transport Servers

- Configuring SMTP Connectors to Secure SMTP E-Mail
- Implementing Secure/Multipurpose Internet Mail Extensions (S/MIME)

MODULE 3: IMPLEMENTING MESSAGING POLICIES

Lessons

- Introducing Messaging Policy and Compliance
- Implementing Messaging Records Management
- Implementing Transport Rules

Lab: Implementing Messaging Policies

- Configuring Domain Security