
Configuring, Managing and Troubleshooting Microsoft Exchange Server 2010

Varighet: 5 Days Kurskode: M10135

Beskrivelse:

This five-day, instructor-led course will provide you with the knowledge and skills to configure and manage an Exchange Server 2010 messaging environment. This course does not require previous Exchange Server experience, but does require that students have significant experience in managing Windows Server and Active Directory directory services or Active Directory Domain Services (AD DS). This course will teach you how to configure Exchange Server 2010, as well as provide guidelines, best practices, and considerations that will help you optimize your Exchange Server deployment.

Målgruppe:

This course is intended for people aspiring to be enterprise-level messaging administrators. This course may also be of interest to IT generalists and help desk professionals who want to learn about Exchange Server 2010. People coming into the course are expected to have at least three years experience working in the IT field, typically in the areas of network administration, help desk, or system administration. They are not expected to have experience with previous Exchange Server versions.

Agenda:

- **After you complete this course you will be able to:**
 - Install and deploy Exchange Server 2010
 - Configure Mailbox servers and Mailbox server components
 - Manage recipient objects
 - Configure the Client Access server role
 - Manage message transport
 - Configure the secure flow of messages between the Exchange Server organization and the Internet
 - Implement a high availability solution for Mailbox servers and other server roles
 - Plan and implement backup and restore for the server roles
 - Plan and configure messaging policy and compliance
 - Configure Exchange Server permissions and security for internal and external access
 - Monitor and maintain the messaging system
 - Transition an Exchange Server 2003 or Exchange Server 2007 organization to Exchange Server 2010
 - Configure the Unified Messaging server role and Unified Messaging components
 - Implement High Availability across multiple sites and implement Federated Sharing
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Forkunnskaper:

Attendees should meet the following prerequisites:

- In addition to their professional experience (see Target Audience Information), students who attend this training should have the following prerequisite knowledge:
- Fundamental knowledge of network technologies including Domain Name System (DNS) and firewall technologies
- Experience with the Windows Server 2003 and Microsoft Windows Server 2008 operating systems
- Experience with Active Directory directory services in Windows Server 2003 or AD DS Windows Server 2008
- Experience managing backup and restore on Windows Servers
- Experience using Windows management and monitoring tools such as Microsoft Management Console, Active Directory Users and Computers, Performance Monitor, Event Viewer, and Internet Information Services (IIS) Administrator
- Experience using Windows networking and troubleshooting tools

Test og sertifisering

Recommended preparation for exam(s):

- None specified at this moment in time
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such as Network Monitor, Telnet, and NSLookup

- Fundamental knowledge of certificates and Public Key Infrastructure (PKI)
- Basic experience with Windows Mobile

There is also some additional reading to help you prepare for this class:

- Microsoft Exchange Server 2010 Online Help documentation
- Microsoft Exchange Server 2010 Administrator's Pocket Consultant by William R. Stanek.

Påfølgende kurs:

The following courses are recommended for further study:

- None specified at this moment in time
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Innhold:

Module 1: Deploying Microsoft Exchange Server 2010

- Overview of Exchange Server 2010 Requirements
- Installing Exchange Server 2010 Server Roles
- Completing an Exchange Server 2010 Installation

Module 2: Configuring Mailbox Servers

- Overview of Exchange Server 2010 Administrative Tools
- Configuring Mailbox Server Roles
- Configuring Public Folders

Module 3: Managing Recipient Objects

- Managing Mailboxes
- Managing Other Recipients
- Configuring E-Mail Address Policies
- Configuring Address Lists
- Performing Bulk Recipient Management Tasks

Module 4: Managing Client Access

- Configuring the Client Access Server Role
- Configuring Client Access Services for Outlook Clients
- Configuring Outlook Web App
- Configuring Mobile Messaging

Module 5: Managing Message Transport

- Overview of Message Transport
- Configuring Message Transport

Module 6: Implementing Messaging Security

- Deploying Edge Transport Servers
- Deploying an Antivirus Solution
- Configuring an Anti-Spam Solution
- Configuring Secure SMTP Messaging

Module 7: Implementing High Availability

- Overview of High Availability Options
- Configuring Highly Available Mailbox Databases
- Deploying Highly Available Non-Mailbox Servers

Module 8: Implementing Backup and Recovery

- Planning Backup and Recovery
- Backing Up Exchange Server 2010
- Restoring Exchange Server 2010

Module 9: Configuring Messaging Policy and Compliance

- Introducing Messaging Policy and Compliance
- Configuring Transport Rules
- Configuring Journaling and Multi-Mailbox Search
- Configuring Messaging Records Management
- Configuring Personal Archives

Module 10: Securing Microsoft Exchange Server 2010

- Configuring Role Based Access Control
- Configuring Security for Server Roles in Exchange Server 2010
- Configuring Secure Internet Access

Module 11: Maintaining Microsoft Exchange Server 2010

- Monitoring Exchange Server 2010
- Maintaining Exchange Server 2010
- Troubleshooting Exchange Server 2010

Module 12: Upgrading from Exchange Server 2003 or Exchange Server 2007 to Exchange Server 2010

- Overview of Upgrading to Exchange Server 2010
- Upgrading from Exchange Server 2003 to Exchange Server 2010
- Upgrading from Exchange Server 2007 to Exchange Server 2010

Module 13: Implementing Unified Messaging

- Overview of Telephony
- Introducing Unified Messaging
- Configuring Unified Messaging

Module 14: Advanced Topics in Exchange Server 2010

- Deploying Highly Available Solutions for Multiple Sites
- Implementing Federated Sharing

Labs

- Lab 1.1: Installing Exchange Server 2010
- Lab 1.2: Verifying an Exchange Server 2010 Installation
- Lab 2: Configuring Mailbox Servers
- Lab 3: Managing Recipient Objects
- Lab 4.1: Configuring Client Access Servers for Outlook Anywhere Access
- Lab 4.2: Configuring Client Access Servers for Outlook Web App and Exchange ActiveSync
- Lab 5: Managing Message Transport
- Lab 6.1: Configuring Edge Transport Servers and Forefront Protection 2010
- Lab 6.2: Implementing Anti-Spam Solutions
- Lab 7: Implementing High Availability
- Lab 8: Implementing Backup and Recovery
- Lab 9.1: Configuring Transport Rules, Journal Rules, and Multi-Mailbox Search
- Lab 9.2: Configuring Messaging Records Management and Personal Archives
- Lab 10: Securing Exchange Server 2010
- Lab 11: Maintaining Exchange Server 2010
- Lab 13: Implementing Unified Messaging

Additional Information:

No further information available

Ytterligere informasjon:

For mer informasjon eller kursbooking, vennligst ring oss 22 95 66 00

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