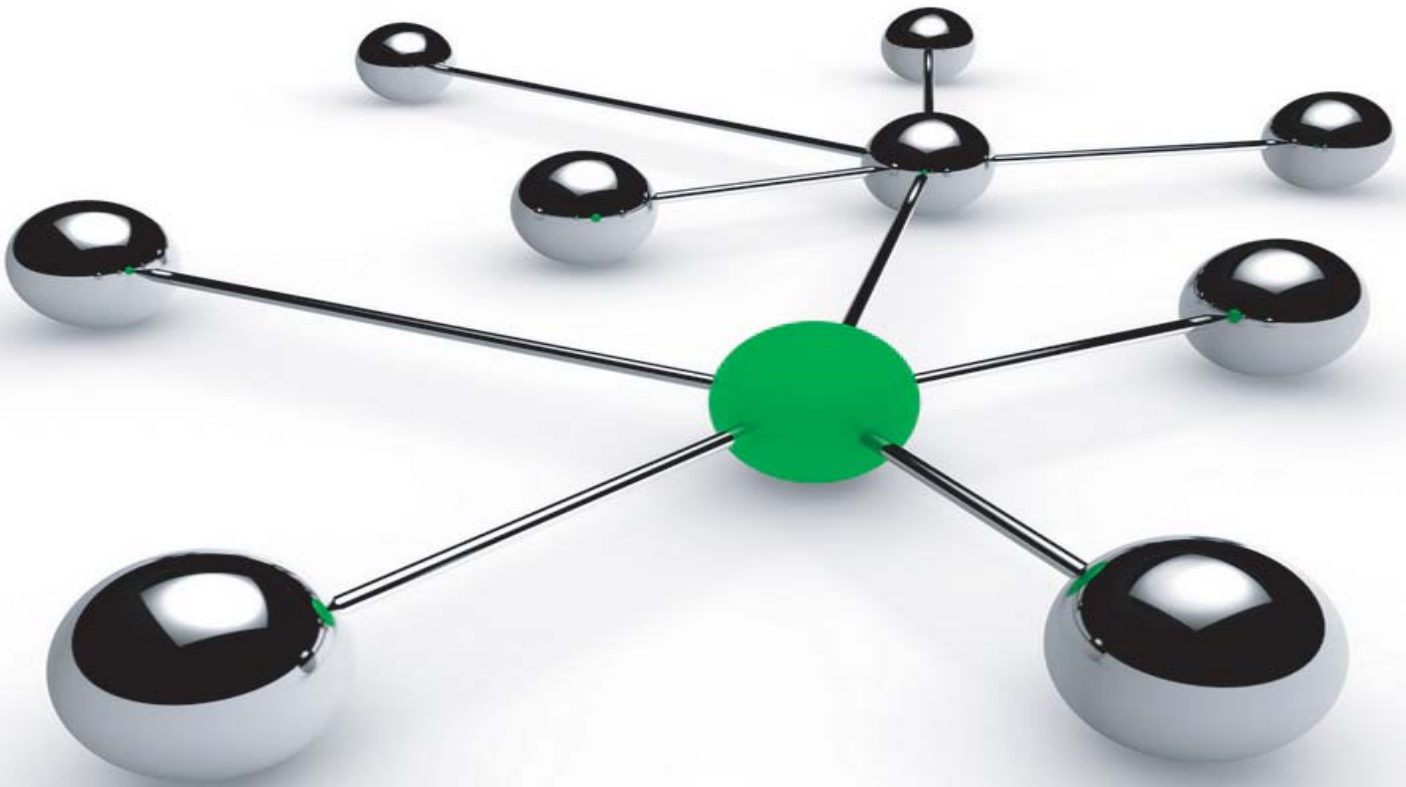


Course Catalog
2012-2013

MS EXCHANGE SERVER



Microsoft Exchange Server 2010

At the end of this 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 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.

Course Objectives

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.

- Install and deploy Exchange Server 2010
- Configure Mailbox servers and Mailbox server components
- Configure the Client Access server role in Exchange Server 2010
- Configure message transport in Exchange Server 2010
- Implement a high availability solution for Mailbox, server roles in Exchange Server
- Configure Exchange Server permissions and configure Exchange Server access security
- Transition an Exchange Server 2003 or Exchange Server 2007 to Exchange Server 2010

Configure the Unified Messaging Server role and Unified Messaging components

Who Should Attend

This course is intended for enterprise-level messaging administrators. Others who may take this course include 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.

Prerequisite

This course requires that students meet the following prerequisites: 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

Course Duration

36 Hours, 12 Classes, 3 hours per class

Course Details

Lesson 1: Deploying Microsoft Exchange Server 2010

- Overview of Exchange Server 2010 Requirements
- Installing Exchange Server 2010 Server Roles
- Completing an Exchange Server 2010 Installation
- Evaluating Requirements for an Exchange Server Installation
- Preparing for an Exchange Server 2010 Installation
- Installing Exchange Server 2010
- Verifying an Exchange Server 2010 Installation

Lesson 2: Configuring Mailbox Servers

- Configuring Mailbox Server Roles
- Configuring Public Folders
- Configuring Mailbox Databases
- Configuring Public Folders

Lesson 3: Managing Recipient Objects

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

Lesson 4: Managing Client Access

- Configuring the Client Access Server Role
- Configuring Client Access Services for Outlook Clients
- Configuring Outlook Web App
- Configuring Mobile Messaging
- Configuring Client Access Servers
- Configuring Outlook Anywhere
- Configuring Outlook Web App
- Configuring Exchange ActiveSync
- Configure mobile messaging.

Lesson 5: Managing Message Transport

- Overview of Message Transport
- Configuring Message Transport
- Configuring Internet Message Transport
- Troubleshooting Message Transport
- Troubleshooting Internet Message Delivery

Lesson 6: Implementing Messaging Security

- Deploying Edge Transport Servers
- Deploying an Antivirus Solution
- Configuring an Anti-Spam Solution
- Configuring Secure SMTP Messaging
- Configuring Edge Transport Servers
- Configuring Forefront Protection 2010 for Exchange Servers
- Configuring an Anti-Spam Solution on Edge Transport Servers

Course Details

Lesson 7: Implementing High Availability

- Overview of High Availability Options
- Configuring Highly Available Mailbox Databases
- Deploying Highly Available Non-Mailbox Servers
- Deploying a DAG
- Deploying Highly Available Hub Transport and Client Access Servers
- Testing the High Availability Configuration

Lesson 8: Implementing Backup and Recovery

- Planning Backup and Recovery
- Backing Up Exchange Server 2010
- Restoring Exchange Server 2010
- Backing Up Exchange Server 2010
- Restoring Exchange Server Data
- Restoring Exchange Servers (optional)

Lesson 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
- Configuring Transport Rules
- Configuring Journal Rules and Multi-Mailbox Search
- Configuring Messaging Records Management
- Configuring Personal Archives
- Configure journaling and Multi-Mailbox Search.
- Configure Messaging Records Management.
- Configure Personal Archives.

Lesson 10: Securing Microsoft Exchange Server 2010

- Configuring Role Based Access Control
- Configuring Security for Server Roles in Exchange Server 2010
- Configuring Secure Internet Access
- Configuring Exchange Server Permissions
- Configuring a Reverse Proxy for Exchange Server Access

Lesson 11: Maintaining Microsoft Exchange Server 2010

- Monitoring Exchange Server 2010
- Maintaining Exchange Server 2010
- Troubleshooting Exchange Server 2010
- Monitoring Exchange Server 2010
- Troubleshooting Database Availability
- Troubleshooting Client Access Servers

Lesson 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

Lesson 13: Implementing Unified Messaging

- Overview of Telephony
- Introducing Unified Messaging
- Configuring Unified Messaging
- Installing and Configuring Unified Messaging Features

Lesson 14: Advanced Topics in Exchange Server 2010

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

