M-3938
Length: 3 days
Price: $1,495.00

Course Description

This threeday instructorled course offers Microsoft Exchange Server 2000 or Microsoft Exchange Server 2003 administrators with the skills they need to manage a Microsoft Exchange Server 2007 infrastructure This course focuses on the new features and administrative tasks in Exchange Server 2007

The student will learn skills that enable them to deploy and manage an Exchange Server 2007 environment This courses aim is not to provide detailed design skills but will cover planning skills at a level sufficient to enable decision making during the implementation process

After completing this course students will be able to

Describe the new features and the deployment architecture in Exchange Server 2007

Plan and implement an Exchange Server 2007 deployment

Administer Exchange Server 2007

Implement client access services in Exchange Server 2007

Manage message routing in an Exchange Server 2007 organization

Configure messaging security with Exchange Server 2007

Implement messaging policies in Exchange Server 2007

Implement high availability and disaster recovery solutions in Exchange Server 2007

Implement Unified Messaging in Exchange Server 2007

Course Audience

This course is for people who operate in medium to very large computing environments using Exchange Server 2000 or Exchange Server 2003

Course Outline

Module 1 Introducing Exchange Server 2007

This module provides an overview of the new Exchange Server 2007 features focusing on changes from previous Exchange Server versions This module also introduces terminology and concepts that subsequent modules in this course will cover in greater detail

Lessons

New Features in Exchange Server 2007

Introducing the Exchange Server 2007 Deployment Architecture

Discontinued and DeEmphasized Features

After completing this module students will be able to describe the following

New Exchange Server 2007 features

The Exchange Server 2007 deployment architecture

Features from previous Exchange versions that are discontinued or deemphasized in Exchange Server 2007

Module 2 Deploying Exchange Server 2007

The module describes the Exchange Server 2007 Server Roles and the planning and implementation of an Exchange Server 2007 deployment Additionally this module describes how to upgrade an Exchange Server 2000 or Exchange Server 2003 deployment to Exchange Server 2007

Lessons

Introduction to the Exchange Server 2007 Server Roles

Installing Exchange Server 2007

Upgrading to Exchange Server 2007

Optional LabDeploying Exchange Server 2007

Preparing for the Exchange Server 2007 Installation

Installing Exchange Server 2007

Verifying the Exchange Server 2007 Installation

After completing this module students will be able to

Describe the Exchange Server 2007 server roles

Plan and complete an Exchange Server 2007 installation

Describe the supported upgrade scenarios

Module 3 Administering Exchange Server 2007

Administering Exchange Server 2007 is quite different from administering previous Exchange versions Exchange Server 2007 provides new management tools and new tasks that you will need to perform This module details how to administer Exchange Server 2007

Lessons

Overview of Exchange Server 2007 Administration Tools

Administering Exchange Server 2007 Mailbox Servers

Managing Recipients in Exchange Server 2007

Lab Administering Exchange Server 2007

Configuring the Mailbox Servers

Configuring Recipients

Performing Bulk Recipient Management Tasks

After completing this module students will be able to

Describe the new tools for administering Exchange Server 2007

Administer Exchange Server 2007 mailbox servers

Manage recipients in Exchange Server 2007

Module 4 Implementing Client Access Services in Exchange Server 2007

Exchange Server 2007 provides access to user mailboxes for many different clients In some cases the client configuration has not changed significantly from previous Exchange versions However Exchange Server 2007 does provide some significant new features and administrative tasks related to managing client access This module describes how to provide access to Exchange Server 2007 mailboxes

Lessons

Implementing the Client Access Server Role

Implementing New Client Features in Exchange Server 2007

Implementing Outlook Web Access

Implementing Mobile Messaging

Lab Implementing Client Access Services in Exchange Server 2007

Configuring Outlook Web Access Settings

Configuring Exchange ActiveSync Policies

After completing this module students will be able to

Implement Exchange servers running the Client Access server role

Implement new client features in Exchange Server 2007

Implement Microsoft Office Outlook Web Access OWA in Exchange Server 2007

Implement and manage mobile messaging in Exchange Server 2007

Module 5 Managing Message Routing in an Exchange Server 2007 Organization

Message flow through an Exchange Server 2007 organization is significantly different from previous Exchange versions Rather than using routing groups message routing in Exchange Server 2007 is based on the Active Directory directory services site configuration This module describes how messages are routed through the organization and describes and how to manage message routing

Lessons

Understanding Message Routing in Exchange Server 2007

Managing Message Routing

LabManaging Message Routing in an Exchange Server 2007 Organization

Configuring Message Routing for a Branch Office

Troubleshooting Message Routing Between Sites

After completing this module students will be able to

Describe how message routing occurs in an Exchange Server 2007 organization

Manage message routing in Exchange Server 2007

Module 6 Securing Messages with Exchange Server 2007

A critical factor in deploying any messaging system is securing Internet email Securing Internet email includes ensuring that the messaging system remains secure from spam and viruses and securing messages sent across the Internet This module details how to configure the Exchange Server 2007 features that increase Internet email security

Lessons

Implementing the Edge Transport Server Role

Implementing Antivirus and AntiSpam Features

Configuring Security for Internet EMail

Lab Securing Messages with Exchange Server 2007

Reviewing the Current SpamFiltering Results

Discussion Modifying the SpamFiltering Settings

Modifying the SpamFiltering Settings

After completing this module students will be able to

Implement the Edge Transport server role

Filter Internet email messages by implementing antispam and antivirus solutions

Configure security for Internet email

Module 7 Implementing Messaging Policies in Exchange Server 2007

Many organizations must set restrictions on sending or receiving email or for email retention to comply with external or internal security policies Exchange Server 2007 provides messaging policies as a powerful means to manage message flow and email retention This module details how to implement these messaging policies

Lessons

Introducing Messaging Policies

Implementing Transport Rules

Implementing Messaging Records Management

Lab Implementing Messaging Policies in Exchange Server 2007

Implementing Transport and Journaling Rules

Implementing Messaging Records Management

After completing this module students will be able to

Describe messaging policies and how you can use them

Apply messaging policies to messages in transit

Implement messaging records management

Module 8 High Availability and Disaster Recovery in Exchange Server 2007

Exchange Server 2007 provides several new features that enable high availability and disaster recovery This module describes how to implement these features

Lessons

Overview of High Availability in Exchange Server 2007

Implementing High Availability in Exchange Server 2007

Implementing Disaster Recovery in Exchange Server 2007

LabHigh Availability and Disaster Recovery in Exchange Server 2007

Configuring Windows Server 2003 Cluster Services

Installing and Configuring Exchange Server 2007 Active and Passive Nodes

Moving Exchange Server 2007 Clustered Mailbox Servers Between Cluster Nodes

After completing this module students will be able to

Describe the high availability options available in Exchange Server 2007

Implement high availability in Exchange Server 2007

Implement disaster recovery in Exchange Server 2007

Module 9 Implementing Unified Messaging in Exchange Server 2007

Unified Messaging is the integration into one Inbox of a recipients voice fax and email messages Exchange Server 2007 Unified Messaging integrates Exchange Server with an existing telephony network infrastructure This module details how to implement Unified Messaging in Exchange Server 2007

Lessons

Telephony Overview

Introducing Unified Messaging

Installing and Configuring Unified Messaging

PracticeInstalling and Configuring Unified Messaging

Install the Unified Messaging server role

Create and configure a dial plan

Create an IP Gateway

Create a hunt group

Create a Unified Messaging mailbox policy

Enable a mailbox for Unified Messaging

Create an Automated Attendant

After completing this module students will be able to

Describe telephony concepts

Describe Unified Messaging

Install and configure Unified Messaging