Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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MS-200: Planning and Configuring a Messaging Platform

CODE:	LENGTH:	PRICE:
MCS_MS200	40 Hours (5 days)	kr24,000.00

Description

CourseMS-200T01-A: Understanding the Modern Messaging Infrastructure
In this course you will learn about the architecture of the modern messaging infrastructure with Exchange Server and Exchange Online and how to deploy messaging in different scenarios and organizations. You will be guided through the initial deployment process and introduced to the messaging management tools. You will learn how to create and manage different types of recipients, and how to create and manage Exchange Server mailbox databases, which serve as storage locations for all messaging data. Finally, you will be introduced to messaging infrastructure organizational settings, such as how to manage authentication for your messaging environment, how to configure quotas for users in the organization, and how to configure organization sharing with federation.

After completing this course, students will be able to:
•Understand the Modern Messaging Architecture
•Deploy and Manage a Modern Messaging Architecture
•Create and Manage Exchange Recipients
•Manage Email Addresses, Lists, and Resources
•Plan for Mailbox Databases
•Create and Manage Mailbox Databases
•Manage Authentication for Messaging
•Configure Organizational Settings
At course completion •Configure Organizational Sharing Course Outline
Lessons
•Overview of Modern Messaging Architecture
•Deploying Modern Messaging Infrastructure
Module 1: Managing Modern Messaging Infrastructure •Managing Modern Messaging Infrastructure
Lessons
•Exchange Recipients
•Creating and Managing Exchange Recipients
Module 2: Managing Recipient Objects and Resources •Managing Email Addresses, Lists, and Resources
Lessons
•Mailbox Databases in Exchange Server
•Planning for Mailbox Databases
•Creating and Managing Mailbox Databases
Module 3: Managing Mailbox Databases •Troubleshooting Mailbox Databases Module 4: Managing Organizational Settings
Lab : Managing Recipient Infrastructure
•Creating an On-premise Recipient
Lessons •Creating a Cloud Recipient
•Managing Authentication for Messaging •Creating an On-premises Distribution Group
•Configuring Organizational Settings •Creating a Cloud Distribution Group
•Designing Solutions for External Access Module 5: Course Conclusion •Creating an Office 365 Group
CourseMS-200T02-A: Managing Client Access and Mail Flow
In this course you will learn how Microsoft Exchange Server provides access to user mailboxes for many different clients. Because all messaging clients access Exchange Server mailboxes through client access services, we will examine how to plan, configure, and manage client access services in Exchange Server. Since using smartphones and tablets for messaging has become very popular, and because many smartphone users use their devices intensively for email, calendar, tasks, and other collaboration purposes, you will also learn how to manage mobile devices. This course also describes planning and configuring message transport in an Exchange Server organization. You will learn how to plan, configure and manage transport services to provide efficient communication between your Exchange Servers, Exchange Online, and other mail servers on the Internet. Finally, you will learn how to troubleshoot transport services when issues occur in different scenarios so that you can provide your organization with a healthy and reliable messaging infrastructure.

After completing this course, students will be able to:
•Implement Client Access Services
•Manage Client Devices
•Configure Outlook on the Web
•Troubleshoot Client Access
•Configure Mobile Device Mailbox Policies
•Manage Mobile Device Mailbox Policies
•Configure Message Transport
•Manage Transport Rules
•Manage Mail Flow
•Troubleshoot Mail Flow
•Troubleshoot Transport Issues
•Troubleshoot with Logs Course Outline Module 1: Managing Client Access
Lessons
•Implementing Client Access Services
•Managing Client Devices Lessons
•Configuring Outlook on the Web •Mobile Device Mailbox Policies
•Troubleshooting Client Access Module 2: Managing Mobile Devices •Managing Mobile Device Access
Lessons
•Overview of Transport Services
•Configuring Message Transport
Module 3: Managing the Transport Pipeline •Managing Transport Rules Module 4: Managing and Troubleshooting Mail Flow
Lab : Managing Client Access and Mail Flow
•Create a Custom Receive Connector
•Create a Custom Send Connector
Lessons •Enabling and Disabling ActiveSync for a Single Mailbox
•Managing Mail Flow •Enabling and Disabling ActiveSync for Multiple Mailboxes
•Troubleshooting Mail Flow •Enabling and Disabling MAPI Access to a Single Mailbox
•Troubleshooting Transport Issues •Enabling and Disabling MAPI Access to Multiple Mailboxes
•Troubleshooting with Logs Module 5: Course Conclusion
CourseMS-200T03-A: Managing Messaging High Availability and Disaster Recovery
In this course you'll learn about the traditional and modern solutions for messaging high availability and disaster recovery. Messaging systems have become increasingly complex, given the abundance of new features that have been added the last few years, as well as the increased importance placed on availability and disaster recovery. The traditional approaches for high availability and disaster recovery are still present and exist primarily on the hardware layer, such as RAID systems for storage, block device replication, and archiving solutions using external storage. While Microsoft Exchange supports these traditional approaches, it also offers solutions that modernize high availability and disaster recovery by providing solutions directly integrated into the messaging systems. This includes such things as continuous replication and retention solutions that are built directly inside the message databases. This saves administrators a lot of time and effort maintaining different layers of foreign solutions on hardware and software. In this course, you'll be introduced to each solution, you'll learn when to use the one or the other, you'll learn how to plan a deployment, and how to perform the actual implementation.
After completing this course, students will be able to:
•Plan High Availability for Mailbox Servers
•Plan High Availability for Client Access Service
•Plan High Availability for Transport
•Implement Site Resilience
•Plan for Disaster Recovery
•Implement Backup Strategies
•Restore Mailboxes, Databases, and Servers
•Plan the Public Folder Hierarchy
•Implement and Manage Public Folders
•Troubleshoot Public Folders Course Outline Module 1: High Availability for Exchange Servers
Lessons
•Planning High Availability for Mailbox Servers
•High Availability for Client Access Service
•High Availability for Transport
•Implementing Site Resilience Module 2: Managing Disaster Recovery
Lessons Lessons
•Planning for Disaster Recovery •Planning the Public Folder Hierarchy
•Implementing Backup Strategies •Implementing and Managing Public Folders
•Restoring Mailboxes, Databases, and Servers Module 3: Managing Public Folders •Troubleshooting Public Folders
Module 4: Lab - Public Folder Management and Disaster Recovery
Lab : Public Folder Management and Disaster Recovery
•Exercise 2: Troubleshooting Mail Flow and Connectivity Issues
•Exercise 2: Disaster recovery using eDiscovery and In-place Holds

Objectives

Audience

The Messaging Administrator deploys, configures, manages, and troubleshoots recipients, permissions, mail protection, mail flow, and public folders in both on-premises and cloud enterprise environments. Responsibilities include managing message hygiene, messaging infrastructure, and hybrid configuration and migration. The Messaging Administrator also implements and manages disaster recovery, high availability, and client access. To implement a secure hybrid topology that meets the business needs of a modern organization, the Messaging Administrator must collaborate with the Security Administrator and Microsoft 365 Enterprise Administrator. The Messaging Administrator should have a working knowledge of authentication types, licensing, and integration with Microsoft 365 applications.

Prerequisites

•Proficient understanding of DNS.
•Basic understanding of messaging within Exchange Server or Exchange Online.
•Basic understanding of Active Directory and domain controller infrastructure along with identity management.
•Basic functional experience with Microsoft 365 services and directory synchronization.
•At least 5 years of general IT experience.

Programme

Test and Certification

Microsoft 365 Messaging Administrator

Session Dates

Ved forespørsel. Vennligst kontakt oss

Tilleggsinformasjon

Denne treningen er også tilgjengelig som trening på stedet. Kontakt oss for å finne ut mer.