PLANNING AND CONFIGURING A MESSAGING PLATFORM TRACK (MS-200)

Course Code: 100227

Learn how to manage Modern Messaging Infrastructure, Mail Flow Topology and Recipients and Devices.

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 also 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 purpose.

Last, 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.

What You’ll Learn

- 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
- Configure Organizational Sharing
- 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
• 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

Who Needs to Attend

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. The Messaging Administrator collaborates with the Security Administrator and Microsoft 365 Enterprise Administrator to implement a secure hybrid topology that meets the business needs of a modern organization. The Messaging Administrator should have a working knowledge of authentication types, licensing, and integration with Microsoft 365 applications.
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Classroom Live Outline
Understanding the Modern Messaging Infrastructure - MS-200T01

Module 1: Managing Modern Messaging Infrastructure
Lessons
  • Overview of Modern Messaging Architecture
  • Deploying Modern Messaging Infrastructure
  • Managing Modern Messaging Infrastructure

Module 2: Managing Recipient Objects and Resources
Lessons
  • Exchange Recipients
  • Creating and Managing Exchange Recipients
  • Managing Email Addresses, Lists, and Resources

Module 3: Managing Mailbox Databases
Lessons
  • Mailbox Databases in Exchange Server
  • Planning for Mailbox Databases
  • Creating and Managing Mailbox Databases
  • Troubleshooting Mailbox Databases

Module 4: Managing Organizational Settings
Lessons
  • Managing Authentication for Messaging
  • Configuring Organizational Settings
• Designing Solutions for External Access

Managing Client Access and Mail Flow – MS-200T02

Module 1: Managing Client Access

Lessons
• Implementing Client Access Services
• Managing Client Devices
• Configuring Outlook on the Web
• Troubleshooting Client Access

Module 2: Managing Mobile Devices

Lessons
• Mobile Device Mailbox Policies
• Managing Mobile Device Access

Module 3: Managing the Transport Pipeline

Lessons
• Overview of Transport Services
• Configuring Message Transport
• Managing Transport Rules

Module 4: Managing and Troubleshooting Mail Flow

Lessons
• Managing Mail Flow
• Troubleshooting Mail Flow
• Troubleshooting Transport Issues
• Troubleshooting with Logs

Managing Messaging High Availability and Disaster Recovery – MS-200T03

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
• Planning for Disaster Recovery
• Implementing Backup Strategies
• Restoring Mailboxes, Databases, and Servers
Module 3: Managing Public Folders

Lessons
• Planning the Public Folder Hierarchy
• Implementing and Managing Public Folders
• Troubleshooting Public Folders

Classroom Live Labs
Understanding the Modern Messaging Infrastructure – MS-200T01
Lab : Managing Recipient Infrastructure
• Creating an On-premise Recipient
• Creating a Cloud Recipient
• Creating an On-premises Distribution Group
• Creating a Cloud Distribution Group
• Creating an Office 365 Group

Managing Client Access and Mail Flow – MS-200T02
Lab : Managing Client Access and Mail Flow
• Create a Custom Receive Connector
• Create a Custom Send Connector
• Enabling and Disabling ActiveSync for a Single Mailbox
• Enabling and Disabling ActiveSync for Multiple Mailboxes
• Enabling and Disabling MAPI Access to a Single Mailbox
• Enabling and Disabling MAPI Access to Multiple Mailboxes

Managing Messaging High Availability and Disaster Recovery – MS-200T03
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
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VIRTUAL CLASSROOM LIVE $3,295 USD 5 days

Virtual Classroom Live Outline
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Virtual Classroom Live Labs

Understanding the Modern Messaging Infrastructure - MS-200T01

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PRIVATE GROUP TRAINING
5 days

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