

MICROSOFT EXCHANGE SERVER 2013 COURSE CONTENT

❖ **MODULE 1: DEPLOYING AND MANAGING EXCHANGE SERVER 2013:**

This module explains how to plan and perform deployment and management of Exchange Server 2013.

Lessons

- Server 2013 Prerequisites and Requirements
- Exchange Server 2013 Deployment
- Managing Exchange Server 2013

Lab : Deploying and Managing Exchange Server 2013

- Evaluating requirements and prerequisites for an Exchange Server 2013 installation
- Deploying Exchange Server 2013
- Managing Exchange Server 2013

After completing this module, students will be able to

- Describe Server 2013 prerequisites and requirements.
- Deploy Exchange Server 2013.
- Manage Exchange Server 2013.

❖ **MODULE 2: PLANNING AND CONFIGURING MAILBOX SERVERS:**

This module explains how to plan a Mailbox server deployment and configure the Mailbox server role.

Lessons

- Overview of the Mailbox Server Role
- Planning the Mailbox Server Deployment
- Configuring Mailbox Servers

Lab : Configuring Mailbox Servers

- Planning storage for Mailbox servers
- Configure storage on the Mailbox servers
- Creating and Configuring Mailbox Databases

After completing this module, students will be able to

- Understand Mailbox server role.
- Plan Mailbox server deployment.
- Configure Mailbox servers.

❖ **MODULE 3: MANAGING RECIPIENT OBJECTS:**

This module explains how to create and manage various recipient objects in Exchange Server 2013.

Lessons

- Managing Exchange Server 2013 Recipients
- Managing Exchange Recipients
- Managing Address Lists and Policies on Mailbox Server Role

Lab : Managing Exchange Recipient Objects

- Planning Recipient Types
- Managing Recipients
- Managing Exchange Server E-mail Address Policies
- Managing Address Lists and Address Book Policies
- Managing Public Folder Mailboxes

After completing this module, students will be able to

- Manage Exchange Server 2013 recipients.
- Manage Exchange recipients.
- Manage address lists and policies on Mailbox server role.

❖ **MODULE 4: PLANNING AND DEPLOYING CLIENT ACCESS SERVERS:**

This module explains how to plan and deploy Client Access servers.

Lessons

- Planning Client Access Server Deployment
- Configuring the Client Access Server Role
- Managing Client Access Services

Lab : Deploying and Configuring Client Access Server Role

- Configuring Certificates for the Client Access Server
- Configuring Client Access Server Options
- Configuring Custom MailTips

After completing this module, students will be able to

- Plan Client Access server deployment.
- Configure the Client Access server role.
- Manage Client Access services.

❖ **MODULE 5: PLANNING AND CONFIGURING MESSAGING CLIENT CONNECTIVITY:**

This module explains how to plan and configure client connectivity to Exchange Server 2013 Client Access server.

Lessons

- Client Connectivity to Client Access Server
- Configuring Outlook Web App
- Planning and Configuring Mobile Messaging
- Configuring Secure Internet Access for Client Access Server
- Configuring Secure Internet Access for Client Access Server

Lab : Planning and Configuring Messaging Client Connectivity

- Planning Client Connectivity
- Configuring Outlook Web App and Outlook Anywhere
- Configuring Exchange ActiveSync
- Publishing Exchange Server 2013 through TMG 2010

After completing this module, students will be able to

- Understand the client connectivity to Client Access server
- Configure Outlook Web App.
- Plan and configure mobile messaging.
- Configure secure Internet access for Client Access server.
- Configure secure Internet access for Client Access server.

❖ **MODULE 6: PLANNING AND CONFIGURING MESSAGE TRANSPORT:**

This module explains how to plan and configure message transport.

Lessons

- Overview of Message Transport
- Planning and Configuring Message Transport
- Managing Transport Rules

Lab : Planning and Configuring Message Transport

- Configuring Message Transport
- Troubleshooting Message Delivery
- Configuring Transport Rules and Data Loss Prevention Policies

After completing this module, students will be able to

- Understand message transport.
- Plan and configure message transport.
- Manage transport rules.

❖ **MODULE 7: PLANNING AND IMPLEMENTING HIGH AVAILABILITY:**

This module explains how to plan and implement high availability.

Lessons

- High Availability on Exchange Server 2013
- Configuring Highly Available Mailbox Databases
- Configuring Highly Available Client Access Servers

Lab : Implementing High Availability

- Creating and Configuring a Database Availability Group
- Deploying Highly Available Client Access Servers
- Testing the High Availability Configuration

After completing this module, students will be able to implement

- High availability in an Exchange Server 2013 environment.

❖ **MODULE 8: PLANNING AND IMPLEMENTING DISASTER RECOVERY:**

This module explains how to plan and implement disaster recovery.

Lessons

- Planning for Disaster Mitigation
- Planning and Implementing Exchange Server 2013 Backup
- Planning and Implementing Exchange Server 2013 Recovery

Lab : Implementing Disaster Recovery for Exchange Server 2013

- Backing Up Exchange Server 2013
- Restoring Exchange Server 2013 Data
- Exchange Server 2013 Disaster Recovery 2013

After completing this module, students will be able to

- Plan for disaster mitigation.
- Plan and implement Exchange Server 2013 backup.
- Plan and Implement Exchange Server 2013 recovery.

❖ **MODULE 9: PLANNING AND CONFIGURING MESSAGE SECURITY OPTIONS:**

This module explains how to plan and configure message security options.

Lessons

- Planning Messaging Security
- Implementing an Antivirus Solution for Exchange Server 2013
- Implementing an Antispam Solution for Exchange Server 2013

Lab : Planning and Configuring Message Security

- Configuring Forefront Security
- Configuring Message Hygiene Features on Exchange Server 2013

After completing this module, students will be able to

- Plan messaging security.
- Implement an antivirus solution for Exchange Server 2013.
- Implement an antispam solution for Exchange Server 2013.

❖ **MODULE 10: PLANNING AND CONFIGURING ADMINISTRATIVE SECURITY AND AUDITING:**

This module explains how to plan and configure administrative security and administrative auditing.

Lessons

- Configuring Role-Based Access Control
- Configuring Audit Logging

Lab : Configuring Administrative Security and Auditing

- Configuring Exchange Server Permissions
- Configuring Audit Logging
- Configuring RBAC Split Permissions on Exchange Server

After completing this module, students will be able to

- Configure role-based access control.

- Configure audit logging.

❖ **MODULE 11: MONITORING AND TROUBLESHOOTING EXCHANGE SERVER 2013:**

This module explains how to monitor and troubleshoot Exchange Server 2013.

Lessons

- Monitoring Exchange Server 2013
- Maintaining Exchange Server 2013
- Troubleshooting Exchange Server 2013

Lab : Monitoring and Troubleshooting Exchange Server 2013

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

After completing this module, students will be able to

- Monitor Exchange Server 2013.
- Maintain Exchange Server 2013.
- Troubleshoot Exchange Server 2013.

❖ **PREREQUISITES:**

Before attending this course, students must have:

- Minimum of two years of experience administering Windows Server, including Windows Server 2008 R2 or Windows Server 2012
- Minimum of two years of experience working with Active Directory Domain Services (AD DS)
- Minimum of two years of experience working with name resolution, including DNS
- Experience working with certificates, including PKI certificates

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