

Core Solutions of Microsoft Exchange Server 2013

Course Details

Course Outline

Module 1: Deploying and Managing Microsoft Exchange Server 2013

This module describes Exchange Server 2013 prerequisites and requirements, deployment and management.

Lessons

- Exchange 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 Exchange Server 2013 prerequisites and requirements.
- Perform an Exchange Server 2013 deployment.
- Manage Exchange Server 2013.

Module 2: Planning and Configuring Mailbox Servers

This module describes how to plan and configure the Mailbox server role.

Lessons

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

Lab : Configuring Mailbox Servers

- Planning Configuration for Mailbox Servers
- Configuring Storage on the Mailbox Servers
- Creating and Configuring Mailbox Databases

After completing this module, students will be able to:

- Describe the Mailbox server role.
- Plan for a Mailbox server role deployment.
- Configure the Mailbox servers.

Module 3: Managing Recipient Objects

This module explains how to manage recipient objects, address policies, and address lists in Exchange Server 2013.

Lessons

- Managing Exchange Server 2013 Mailboxes
- Managing Other Exchange Recipients
- Planning and Implementing Public Folder Mailboxes
- Managing Address Lists and Policies

Lab : Managing Recipient Objects

- Configuring Trey Research Recipients
- Configuring Address Lists and Policies for Trey Research
- Configuring Public Folders for Trey Research

After completing this module, students will be able to:

- Manage Exchange Server 2013 mailboxes.
- Manage other Exchange Server 2013 recipients.
- Implement public folders.
- Configure address lists and policies.

Module 4: Planning and Deploying Client Access Servers

This module explains how to plan and implement the Client Access server role in Exchange Server 2013.

Lessons

- Planning Client Access Server Deployment

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

Lab : Deploying and Configuring a Client Access Server Role

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

After completing this module, students will be able to:

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

Module 5: Planning and Configuring Messaging Client Connectivity

This module explains how to plan and configure Microsoft Outlook Web App and mobile messaging in Exchange Server 2013.

Lessons

- Client Connectivity to the Client Access Server
- Configuring Outlook Web App
- Planning and Configuring Mobile Messaging
- 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:

- Describe the client services Exchange Server 2013 provides.
- Configure Outlook Web App.
- Plan and configure mobile messaging.
- Configure secure Internet access for Client Access server.

Module 6: Planning and Implementing High Availability

This module explains the high-availability technology built into Exchange Server 2013, and some of the outside factors that affect highly available solutions.

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:

- Describe high availability in Exchange Server 2013.
- Configure highly available mailbox databases.
- Configure highly available Client Access servers.

Module 7: Planning and Implementing Disaster Recovery

This module explain how to plan, implement disaster mitigation, and recovery in Exchange Server 2013.

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 2013
- Restoring Exchange Server 2013 Data

After completing this module, students will be able to:

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

Module 8: Planning and Configuring Message Transport

This module explains how to plan and configure message transport in an Exchange Server 2013 organization.

Lessons

- Overview of Message Transport and Routing
- 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:

- Describe message transport in Exchange Server 2013.
- Plan and configure message transport.
- Manage transport rules.

Module 9: Planning and Configuring Message Hygiene

This module explains how to plan messaging security, implement an antivirus and anti-spam solution for Exchange Server 2013.

Lessons

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

Lab : Planning and Configuring Message Security

- Configuring Antimalware Options in Exchange Server 2013
- Configuring Anti-Spam Options on Exchange Server
- Validating Antimalware and Anti-Spam Configuration

After completing this module, students will be able to:

- Plan messaging security.

- Implement an antivirus solution for Exchange Server 2013.
- Implement an anti-spam solution for Exchange Server 2013.

Module 10: Planning and Configuring Administrative Security and Auditing

This module explains how to configure role-based access control (RBAC) permissions and configure audit logging.

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 2013

After completing this module, students will be able to:

- Configure RBAC permissions.
- Configure audit logging.

Module 11: Monitoring and Troubleshooting Microsoft Exchange Server 2013

This module explains how to monitor, maintain, and troubleshoot your Exchange Server 2013 environment.

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.

