

## Core Solutions of Microsoft Exchange Server 2016

**Length:** 5 Days

**About this course:** This course will provide you with the knowledge and skills to plan, deploy, manage, secure, and support Microsoft Exchange Server 2013. This course will teach you how to configure Exchange Server 2013 and supply you with the information you will need to monitor, maintain, and troubleshoot Exchange Server 2013.

**At course completion:**

- Deploy and manage Exchange Server 2013.
- Plan and configure the Mailbox server role.
- Manage recipient objects, address policies, and address lists in Exchange Server 2013.
- Plan and implement the Client Access server role in Exchange Server 2013.
- Securely plan and configure Microsoft Outlook Web App and mobile messaging using the Client Access server.
- Understand and manage highly available Client Access servers in Exchange Server 2013.
- Plan for disaster mitigation; implement backup and recovery for Exchange Server 2013.
- Plan and configure message transport in an Exchange Server 2013 organization.
- Plan message security options, implement an antivirus solution, and implement an anti-spam solution.
- Configure permissions and secure Exchange Server 2013.
- Monitor, maintain, and troubleshoot an Exchange Server 2013 environment.

## COURSE CONTENT

### 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

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

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**

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**

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**

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**

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**

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**

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**

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**

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**

After completing this module, students will be able to:

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