KOENIG SOLUTIONS · COURSE OUTLINE

Core Solutions of Microsoft Exchange Server 2013

Learn to deploy, configure and manage Exchange Server 2013, from mailbox and client access roles to high availability, security and message hygiene.

11	34	33
MODULES	TOPICS	HANDS-ON ACTIVITIES

COURSE OVERVIEW

This course covers the deployment and management of Exchange Server 2013, including planning and configuring Mailbox servers and managing recipient objects, address lists and public folders. It continues with Client Access server deployment, messaging client connectivity through Outlook Web App and mobile devices, and high-availability and disaster-recovery configurations. The course then addresses message transport, transport rules, antivirus and anti-spam hygiene, and role-based access control with audit logging, concluding with monitoring, maintenance and troubleshooting of the Exchange environment.

WHO THIS COURSE IS FOR

- **Messaging Administrators**
- **Exchange Server Administrators**
- **IT Support Engineers**
- **Systems Administrators**
- **Enterprise Messaging Support Engineers**

LEARNING OBJECTIVES

- Explain the prerequisites and deployment process for Exchange Server 2013
- Configure Mailbox servers, storage and mailbox databases
- Manage recipient objects, address lists and public folder mailboxes
- Plan and configure the Client Access server role
- Configure Outlook Web App, Outlook Anywhere and mobile messaging
- Implement high availability for mailbox databases and Client Access servers
- Plan and implement backup and recovery for disaster mitigation
- Configure message transport rules and anti-spam and antivirus protection

COURSE SYLLABUS

11 Modules, 34 Topics

01

3 Activities

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

02

3 Activities

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

03

3 Activities

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

04

3 Activities

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

05

4 Activities

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

06

3 Activities

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

07

2 Activities

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

08

3 Activities

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

09

3 Activities

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

10

3 Activities

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

11

3 Activities

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

HANDS-ON ACTIVITIES

Practise What You Learn

#	MODULE	ACTIVITY
01	**Deploying and Managing Microsoft 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
02	**Planning and Configuring Mailbox Servers**	**LAB : CONFIGURING MAILBOX SERVERS** ■ Planning Configuration for Mailbox Servers ■ Configuring Storage on the Mailbox Servers ■ Creating and Configuring Mailbox Databases
03	**Managing Recipient Objects**	**LAB : MANAGING RECIPIENT OBJECTS** ■ Configuring Trey Research Recipients ■ Configuring Address Lists and Policies for Trey Research ■ Configuring Public Folders for Trey Research
04	**Planning and Deploying Client Access Servers**	**LAB : DEPLOYING AND CONFIGURING A CLIENT ACCESS SERVER ROLE** ■ Configuring Certificates for the Client Access Server ■ Configuring Client Access Services Options ■ Configuring Custom MailTips
05	**Planning and Configuring Messaging Client Connectivity**	**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
06	**Planning and Implementing High Availability**	**LAB : IMPLEMENTING HIGH AVAILABILITY** ■ Creating and Configuring a Database Availability Group ■ Deploying Highly Available Client Access Servers ■ Testing the High-Availability Configuration
07	**Planning and Implementing Disaster Recovery**	**LAB : IMPLEMENTING DISASTER RECOVERY FOR EXCHANGE SERVER 2013** ■ Backing Up Exchange 2013 ■ Restoring Exchange Server 2013 Data
08	**Planning and Configuring Message Transport**	**LAB : PLANNING AND CONFIGURING MESSAGE TRANSPORT** ■ Configuring Message Transport ■ Troubleshooting Message Delivery ■ Configuring Transport Rules and Data-Loss Prevention Policies
09	**Planning and Configuring Message Hygiene**	**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

#	MODULE	ACTIVITY
10	**Planning and Configuring Administrative Security and Auditing**	**LAB : CONFIGURING ADMINISTRATIVE SECURITY AND AUDITING** ■ Configuring Exchange Server Permissions ■ Configuring Audit Logging ■ Configuring RBAC Split Permissions on Exchange Server 2013
11	**Monitoring and Troubleshooting Microsoft Exchange Server 2013**	**LAB : MONITORING AND TROUBLESHOOTING EXCHANGE SERVER 2013** ■ Monitoring Exchange Server ■ Troubleshooting Database Availability ■ Troubleshooting Client Access Servers

WHAT IS INCLUDED

Everything You Need to Succeed

- Koenig course material for every module
- Delivery by certified instructors and subject matter experts
- Hands-on exercises throughout the course
- Course completion certificate from Koenig

ABOUT KOENIG

Who We Are

Established in 1993, Koenig Solutions is a globally recognised training provider with 35+ technology partnerships, 5,000+ training programmes and a network of certified instructors and subject matter experts, supporting individuals and enterprise teams worldwide.

FLEXIBLE DELIVERY

Learn the Way That Suits You

Classroom Training | Live Online Classes (ILO) | Fly-Me-A-Trainer (FMAT) | Flexi (Self-Paced) | 1-on-1 Training

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Talk to a learning advisor about schedules, group training and customised delivery.

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