Information Technology

Administering Microsoft Exchange 2019

Course Introduction

This course is designed to help IT professionals how to administer and support Exchange Server. The course covers how install and configure Exchange Server. It also covers how to manage mail recipients and public folders, including how to perform bulk operations by using Exchange Management Shell. In addition, the course covers how to manage client connectivity, message transport and hygiene, and highly available Exchange Server deployments. It also covers how to implement disaster recovery solutions. Finally, the course covers how to maintain and monitor an Exchange Server deployment and how to administer Exchange Online in an Office 365 deployment

Training Course Methodology

The training course is designed to be interactive and participatory, and includes various learning tools to enable the participants to operate effectively and efficiently in a multifunctional environment. The course will use lectures and presentations, exercises, experiential and exposure to real world problems and policy choices confronting delegates.

Target Audience

This training course is designed for System engineers and administrators involved in the administration of a VMware vSphere solution

Learning Objectives

- •   Deploy Exchange Server.

- Plan and configure storage for Exchange Server.
- Create and manage various recipient objects in Exchange Server.
- Perform recipient management and Exchange server management tasks by using Exchange Server cmdlets.
- Deploy Client Access services in Exchange Server.
- Manage high availability in Exchange Server.
- Implement disaster recovery for Exchange Server.
- Configure and manage message transport in Exchange Server.
- Configure message security in Exchange Server.
- Monitor and troubleshoot Exchange Server.
- Configure Exchange Server role-based access control permissions and configure audit logging for both administrators and users.
- Implement and manage integration with Exchange Online.

Course Outline

- **Day 01**

Module 1: Deploying Exchange Server

- Overview of Exchange Server
- Exchange Server architecture
- Requirements for Exchange Server
- Deploying Exchange Server Exchange Server
- Exchange Server Management Tools

Module 2: Managing Exchange Server 2016 storage

- Exchange Server mailbox databases
- Exchange Server storage
- Configuring Exchange Server mailbox databases and storage

- **Day 02**

Module 3: Managing recipient objects

- Managing user mailboxes
- Managing other types of mailboxes

- Managing other recipients objects
- Configuring policies and address lists

Module 4: Managing recipients and Exchange servers by using Exchange Server cmdlets

- Overview of the Exchange Management Shell
- Managing Exchange Servers by using Exchange Management Shell cmdlets
- Managing Exchange servers by using scripts

Module 5: Implementing client connectivity

- Configuring client access services
- Managing client access services
- Client connectivity in Exchange Server
- Configuring Outlook on the web
- Configuring mobile messaging

- **Day 03**

Module 6: Managing high availability in Exchange Server

- High availability on Exchange Server
- Configuring highly available mailbox databases
- Configuring high availability of Client Access services

Module 7: Implementing disaster recovery for Exchange Server

- Implementing Exchange Server backup
- Implementing Exchange Server recovery

Module 8: Configuring and managing message transport

- Overview of message transport
- Configuring message transport
- Managing transport rules

- **Day 04**

Module 9: Configuring message security

- Deploying and managing an Edge Transport server for message security
- Implementing an antivirus solution for Exchange Server
- Implementing an antispam solution for Exchange Server

Module 10: Monitoring and troubleshooting Exchange Server

- Monitoring Exchange Server
- Troubleshooting Exchange Server

- **Day 05**

Module 11: Securing and maintaining Exchange Server

- Securing Exchange Server by using RBAC
- Configuring audit logging in Exchange Server
- Maintaining Exchange Server

Module 12: Implementing and managing Exchange Online deployments

- Overview of Exchange Online and Office 365
- Managing Exchange Online
- Implementing the migration to Exchange Online
- Managing a hybrid environment

Confirmed Sessions

FROM	TO	DURATION	FEES	LOCATION
June 23, 2025	June 27, 2025	5 days	4250.00 $	UAE - Dubai
July 28, 2025	Aug. 1, 2025	5 days	4250.00 $	UAE - Dubai

FROM	TO	DURATION	FEES	LOCATION
Dec. 15, 2025	Dec. 19, 2025	5 days	4950.00 $	Spain - Madrid