

# MEX3-1 - MOC 20345-1 - ADMINISTERING MICROSOFT EXCHANGE SERVER 2016-2019

Categoria: **Exchange 2019 e 2016**

## INFORMAZIONI SUL CORSO



**Durata:**  
5 Giorni



**Categoria:**  
Exchange 2019 e  
2016



**Qualifica Istruttore:**  
Microsoft Certified  
Trainer



**Dedicato a:**  
Professionista IT



**Produttore:**  
Microsoft

## OBIETTIVI

- Eseguire la distribuzione e la gestione di base di Exchange Server 2016.
- Gestire Exchange Server 2016.
- Creare e gestire i vari oggetti di tipo destinatari in Exchange Server 2016.
- Utilizzare Exchange Management Shell per creare e gestire oggetti di tipo destinatari in Exchange Server 2016 ed eseguire vari compiti per automatizzare le procedure di gestione di Exchange.
- Configurare la connettività dei client a Exchange Server 2016 e gestire i servizi di accesso dei client.
- Implementare e gestire l'alta disponibilità.
- Implementare il backup e il disaster recovery per Exchange Server 2016.
- Configurare le opzioni di trasporto dei messaggi.
- Configurare l'igiene dei messaggi e opzioni di sicurezza.
- Implementare e gestire Exchange on-line.
- Monitorare e risolvere i problemi di Exchange Server 2016.

## PREREQUISITI

- Un minimo di due anni di esperienza di amministrazione di Windows Server (Windows Server 2012 R2 o Windows Server 2016).
- Un minimo di due anni di esperienza di lavoro con Active Directory Domain Services (AD DS).
- Un minimo di due anni di esperienza di lavoro con la risoluzione dei nomi tra cui Domain Name System (DNS).
- Comprensione dei concetti di rete TCP / IP.
- Comprensione di Windows Server 2012 R2 o versione successiva e dei domini Active Directory, compresa la relativa pianificazione, progettazione e distribuzione.
- Comprensione dei concetti di sicurezza come l'autenticazione e l'autorizzazione.
- Comprensione del Simple Mail Transfer Protocol (SMTP).
- Conoscenza operativa di tecnologie di infrastruttura a chiave pubblica (PKI), come i Servizi certificati Active Directory (AD CS).

## CONTENUTI

### **Module 1: Deploying Microsoft Exchange Server 2016**

- Overview of Exchange Server 2016
- Requirements and deployment options for Exchange Server 2016

**Lab : Deploying Microsoft Exchange Server 2016**

- Evaluating requirements and prerequisites for an Exchange Server 2016 installation
- Deploying Exchange Server 2016

**Module 2: Managing Microsoft Exchange Server 2016 servers**

- Exchange Server 2016 management
- Overview of the Exchange 2016 Mailbox server
- Configuring Mailbox servers

**Lab : Configuring Mailbox servers**

- Creating and configuring mailbox databases

**Module 3: Managing recipient objects**

- Exchange Server 2016 recipients
- Managing Exchange Server recipients
- Configuring address lists and policies

**Lab : Managing Exchange Server recipients and public folders**

- Managing recipients
- Managing public folder mailboxes

**Lab : Managing Exchange Server email address lists and policies**

- Managing email-address policies
- Managing address lists and address book policies

**Module 4: Managing Microsoft Exchange Server 2016 and recipient objects by using Exchange Management Shell**

- Overview of the Exchange Management Shell
- Managing Exchange Server 2016 by using Exchange Management Shell
- Managing Exchange Server 2016 by using Exchange Management Shell scripts

**Lab : Managing Exchange Server and recipient objects by using Exchange Management Shell**

- Using Exchange Management Shell to manage recipients
- Using Exchange Management Shell to manage Exchange Server

**Module 5: Implementing client connectivity**

- Configuring client access services in Exchange Server 2016
- Managing client services
- Client connectivity and publishing of Exchange Server 2016 services
- Configuring Outlook on the web
- Configuring mobile messaging on Exchange Server 2016

**Lab : Deploying and configuring client access services on Exchange Server 2016**

- Configuring certificates for client access
- Configuring client access options
- Configuring custom MailTips

**Lab : Deploying and configuring client access services on Exchange Server**

- Configuring Exchange Server 2016 for Outlook
- Configuring Outlook on the web
- Configuring Microsoft Exchange ActiveSync

**Module 6: Module 6: Managing high availability in Exchange Server 2016**

- High availability on Exchange Server 2016
- Configuring highly available mailbox databases
- Configuring high availability of Client Access services.

**Lab : Implementing DAGs**

- Creating and configuring a database availability group

**Lab : Implementing and testing high availability**

- Deploying a high availability solution for client access services
- Testing the high availability configuration

**Module 7: Implementing disaster recovery for Microsoft Exchange Server 2016**

- Implementing Exchange Server 2016 backup
- Implementing Exchange Server 2016 recovery

**Lab : Backing up Exchange Server 2016**

- Backing up Exchange Server 2016

**Lab : Implementing disaster recovery for Exchange Server 2016**

- Restoring Exchange Server 2016 data
- Restore an Exchange Server DAG member (optional)

**Module 8: Configuring and managing message transport**

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

**Lab : Configuring message transport**

- Configuring message transport
- Troubleshooting message delivery
- Configuring a disclaimer transport rule
- Configuring a DLP policy for financial data

**Module 9: Configuring antivirus, antispam, and malware protection**

- Deploying and managing an Edge Transport server for message security
- Implementing an antivirus solution for Exchange Server 2016
- Implementing an antispam solution for Exchange Server 2016

**Lab : Configuring message security**

- Configuring and testing EdgeSync
- Configuring antivirus, antispam, and malware protection features on Exchange Server 2016

**Module 10: Implementing and managing Microsoft Exchange Online deployments**

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

**Lab : Managing Exchange Online**

- Managing Exchange Online

**Module 11: Monitoring and troubleshooting Microsoft Exchange Server 2016**

- Monitoring Exchange Server 2016
- Troubleshooting Exchange Server 2016

**Lab : Monitoring and troubleshooting Exchange Server 2016**

- Monitoring Exchange Server
- Troubleshooting database availability
- Troubleshooting client access services

**Module 12: Securing and maintaining Exchange Server 2016**

- Securing Exchange Server with role-based access control (RBAC)
- Configuring audit logging on Exchange Server 2016
- Maintaining Exchange Server 2016

**Lab : Securing and maintaining Exchange Server 2016**

- Configuring Exchange Server permissions
- Configuring audit logging
- Maintaining updates on Exchange Server 2016.

## INFO

**Materiale didattico:** Materiale didattico in formato digitale

**Costo materiale didattico:** incluso nel prezzo del corso a Calendario

**Natura del corso:** Operativo (previsti lab su PC)