

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)