

# MEX3-2 - MOC 20345-2 - DESIGNING AND DEPLOYING 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

Pianificare la distribuzione di Exchange Server.  
Pianificare e implementare i servizi mailbox di Exchange Server 2016.  
Pianificare e distribuire il trasporto dei messaggi.  
Pianificare e distribuire l'accesso ai client.  
Progettare e realizzare l'alta disponibilità.  
Manutenere Exchange Server 2016.  
Progettare la sicurezza della messaggistica.  
Progettare e implementare la conservazione dei messaggi.  
Progettare la conformità della messaggistica.  
Progettare e implementare la coesistenza della messaggistica.  
Aggiornare a Exchange Server 2016.  
Pianificare una distribuzione ibrida di Exchange Server.

## PREREQUISITI

Una certificazione A + o conoscenze equivalenti.  
Certificazione Networking + o conoscenze equivalenti.  
Aver completato il corso 2028A, amministrazione di base di Microsoft Windows 2000, o avere conoscenze equivalenti di compiti amministrativi.

## CONTENUTI

### **Module 1: Planning Exchange Server 2016 deployments**

- New features in Exchange Server 2016
- Gathering business requirements for an Exchange Server 2016 deployment
- Planning for an Exchange Server deployment
- Designing a Unified Messaging (UM) deployment

### **Lab : Planning Exchange Server 2016 deployments**

- Evaluating an existing messaging infrastructure
- Identifying requirements

-Discussion: Deployment design for Exchange Server 2016

## **Module 2: Planning and deploying Exchange Server 2016 Mailbox services**

- Planning Exchange Server hardware requirements
- Planning Exchange Server for virtualization and Microsoft Azure integration
- Planning and implementing public folders

### **Lab : Planning and implementing Exchange virtualization, mailbox databases, and public folders**

- Planning for virtualization
- Planning for mailbox databases
- Implementing mailbox databases
- Planning and implementing public folders

## **Module 3: Planning and deploying message transport**

- Designing message routing
- Designing transport services
- Designing the message-routing perimeter
- Designing and implementing transport compliance

### **Lab : Planning and deploying message transport**

- Planning for a redundant and secure message transport
- Planning for transport compliance
- Implementing transport compliance

## **Module 4: Planning and deploying client access**

- Planning for Exchange Server 2016 clients
- Planning for client access
- Planning and implementing Office Online Server
- Planning and implementing coexistence of SharePoint 2016 with Exchange
- Designing external client access

### **Lab : Planning and deploying client access solutions**

- Planning and configuring namespaces
- Planning and configuring client access services options
- Planning and deploying Office Online Server
- Planning and implementing reverse proxy

## **Module 5: Designing and implementing high availability**

- Planning high availability for Exchange Server 2016
- Planning for load balancing
- Planning for site resilience

### **Lab : Designing and implementing site resiliency**

- Creating a lag database copy
- Recovering data from a lagged database copy
- Implementing site resilience

- Validating site resilience

## **Module 6: Maintaining Exchange Server 2016**

- Using Managed Availability to improve high availability
- Implementing DSC

### **Lab : Maintaining Exchange Server 2016**

- Using Windows PowerShell to investigate and configure Managed Availability
- Implementing DSC

## **Module 7: Designing messaging security**

- Planning messaging security
- Designing and implementing AD RMS and Azure RMS integration

### **Lab : Designing messaging security**

- Implementing AD RMS
- Integrating AD RMS with Exchange Server
- Creating a message transport rule to protect email
- Protecting an email with AD RMS

## **Module 8: Designing and implementing message retention**

- Overview of messaging records management and archiving
- Designing In-Place Archiving
- Designing and implementing message retention

### **Lab : Designing and implementing message retention**

- Designing message retention and archiving
- Implementing message retention and archiving

## **Module 9: Designing messaging compliance**

- Designing and implementing data loss prevention
- Designing and implementing In-Place Hold
- Designing and implementing In-Place eDiscovery

### **Lab : Designing and implementing messaging compliance**

- Designing messaging compliance
- Implementing data loss prevention
- Implementing In-Place eDiscovery
- Comparing messaging policy and compliance options

## **Module 10: Designing and implementing messaging coexistence**

- Designing and implementing federation
- Designing coexistence between Exchange organizations
- Designing and implementing cross-forest mailbox moves

**Lab : Implementing messaging coexistence**

- Implementing message-routing coexistence
- Migrating user mailboxes

**Module 11: Upgrading to Exchange Server 2016**

- Planning an upgrade from previous Exchange Server versions
- Implementing the upgrade from previous Exchange Server versions

**Lab : Upgrading from Exchange Server 2013 to Exchange Server 2016**

- Documenting the Exchange Server 2013 organization
- Deploying Exchange Server 2016
- Upgrading from Exchange Server 2013 to Exchange Server 2016
- Removing Exchange Server 2013

**Module 12: Planning a hybrid Exchange Server deployment**

- Basics of a hybrid deployment
- Planning and implementing a hybrid deployment
- Implementing advanced functionality for hybrid deployments

**Lab : Designing the integration with Exchange Online**

- Designing the integration with Exchange Online

## 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)