

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)