



Course 20345-2A

Designing and Deploying Microsoft Exchange Server 2016

Course Length : 40 Hours
Professional Series : 5 Days
Academic Series : 6 Weeks

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

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

Module 3:

Planning and deploying message transport

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

Module 5:

Designing and implementing high availability

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

Module 6:

Maintaining Exchange Server 2016

- Using Managed Availability to improve high availability
- Implementing DSC

Module 7:

Designing messaging security

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

Module 8:

Designing and implementing message retention

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

Module 9:

Designing messaging compliance

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

Module 10:

Designing and implementing messaging coexistence

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

Module 11:

Upgrading to Exchange Server 2016

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

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

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