



MS20345-2 - Designing and Deploying Microsoft Exchange Server 2016/2019

Microsoft - Exchange - Sistemistica

Durata:

5 Giorni

Lingue:

Italiano

Certificazione:

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Descrizione del corso

This course provides experienced Exchange Server administrators with the knowledge to design and implement an Exchange Server messaging environment. The course covers how to design and configure advanced components in an Exchange Server deployment such as site resiliency, advanced security, compliance, archiving and discovery solutions, coexistence with other Exchange organizations or Exchange Online, and migration from previous versions of Exchange server. The course also provides guidelines, best practices, and considerations that will help optimize Exchange Server deployments.

Programma

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
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
3. Planning and deploying message transport
 - Designing message routing

ITCore Group

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- Designing transport services
- Designing the message-routing perimeter
- Designing and implementing transport compliance
- 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
- 5. Designing and implementing high availability
 - Planning High-availability for Exchange Server 2016
 - Planning for load balancing
 - Planning for site resilience
- 6. Maintaining Exchange Server 2016
 - Using Managed availability to improve High-availability
 - Implementing DSC
- 7. Designing messaging security
 - Planning messaging security
 - Designing and implementing AD RMS and Azure RMS integration
- 8. Designing and implementing message retention
 - Overview of messaging records management and archiving
 - Designing In-Place Archiving
 - Designing and implementing message retention
- 9. Designing messaging compliance
 - Designing and implementing data loss prevention
 - Designing and implementing In-Place Hold
 - Designing and implementing In-Place eDiscovery
- 10. Designing and implementing messaging coexistence
 - Designing and implementing federation
 - Designing coexistence between Exchange organizations
 - Designing and implementing cross-forest mailbox moves
- 11. Upgrading to Exchange Server 2016
 - Planning an upgrade from previous Exchange Server versions
 - Implementing the upgrade from previous Exchange Server versions
- 12. Planning a hybrid Exchange Server deployment

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

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