

20345-2 Designing and Deploying Microsoft Exchange Server 2016/2019

Prehľad

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.

Vzdelávacie ciele

After completing this course, students will be able to:

Plan for Exchange Server deployments.

Plan and deploy Exchange Server hardware, virtualization, mailbox databases, and public folders.

Plan message transport in Exchange Server.

Plan and deploy Client Access services in Exchange Server.

Design and implement a highly available Exchange Server environment.

Maintain Exchange Server by using Managed Availability and Desired State Configuration (DSC).

Plan for messaging security and design and implement Active Directory Rights Management Services (AD RMS) and Microsoft Azure RMS in Exchange Server.

Design and implement message retention and archiving.

Design and implement data loss prevention policies, In-Place Hold, and eDiscovery.

Design and implement messaging coexistence among Exchange Server organizations.

Plan and implement the upgrade from previous versions of Exchange Server to Exchange Server 2019.

Plan a hybrid Exchange deployment.

1 - Planning Exchange Server deployments

New features in Exchange Server 2019

Gathering business requirements for an Exchange Server deployment

Planning for an Exchange Server deployment

Planning the migration of Unified Messaging to Cloud Voicemail

Lab : Planning Exchange Server 2019 deployments

[Online registrácia](#)

Termíny

Trvanie kurzu (v dňoch): 5 Days

G2R = "Garantovaný termín" | OLL = "Online LIVE"
ILT = "Kurz vedený inštruktorom"

08/31/20	G2R	3:00PM - 11:00PM	Bratislava, Slovakia	OLL	€ 0.00
11/09/20	G2R	3:00PM - 11:00PM	Bratislava, Slovakia	OLL	€ 0.00

2 - Planning and deploying Exchange Server 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 Server mailbox servers, databases, and public folders

3 - Planning message transport

Designing message routing
Designing transport services
Designing the message-routing perimeter
Designing transport compliance
Lab : Planning message transport

4 - Planning and deploying client access

Planning for Exchange Server clients
Planning for client access
Planning and implementing Office Online Server
Planning and implementing coexistence of SharePoint 2019 with Exchange Server 2019
Designing external client access
Lab : Planning and deploying client access solutions

5 - Designing and implementing high availability

Planning high availability for Exchange Server
Planning for load balancing
Planning for site resilience
Lab: Designing and implementing high availability

6 - Maintaining Exchange Server

Using Managed Availability to improve high availability
Implementing DSC
Lab: Maintaining Exchange Server

7 - Designing messaging security

Planning messaging security
Designing and implementing AD RMS and Azure RMS
Lab: Designing messaging security

8 - Designing and implementing message retention and archiving

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

9 - Designing and implementing messaging compliance

Designing and implementing data loss prevention policies
Designing and implementing In-Place Hold
Designing and implementing In-Place eDiscovery
Lab: Designing and implementing messaging compliance

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

11 - Upgrading to Exchange Server 2019

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 2019

12 - Planning a hybrid Exchange Server deployment

Basics of a hybrid deployment
Planning and implementing a hybrid deployment
Implementing Azure AD Connect
Implementing a hybrid deployment
Implementing advanced functionality for hybrid deployments
Lab : Planning a hybrid Exchange deployment
