Exchange - implementation

Course code: GOC231

Five-days instructor-led training covers basics to details of Microsoft Exchange deployment, implementation and administration primarily of its on-prem environment but also touching some topics about hibrid integration with cloud based Microsoft 365 and Office 365 technologies.

Audience profile

This course is primarily intended for people aspiring to become enterprise-level messaging administrators for Exchange Server 2019. IT generalists and help-desk professionals who want to learn about Exchange Server 2019 might also take this course. Students taking this course are expected to have at least two years of experience working in the IT field—typically in the areas of Windows Server administration, network administration, help desk, or system administration. They are not expected to have experience with previous Exchange Server versions.

At course completion students will be able

Perform deployment and basic management of Exchange Server 2019.

Manage Exchange Server 2019.

Create and manage various recipient objects in Exchange Server 2019.

Use Exchange Management Shell to create and manage various recipient objects in Exchange Server 2019, and perform various tasks to automate Exchange management procedures.

Configure client connectivity to Exchange Server 2019, and manage Client Access services.

Implement and manage high availability.

Implement backup and disaster recovery for Exchange Server 2019.

Configure message transport options.

Configure message hygiene and security options.

Implement and manage Exchange Online deployments.

Monitor and troubleshoot Exchange Server 2019.

Secure and maintain Exchange Server 2019.

Prerequisities

Knowledge in extent of the courses which are listed in the bellow sections Previous Courses and Related Courses

Good understanding of TCP/IP and DNS technologies

Course outline

Overview of Exchange Server 2019

Requirements and deployment options for Exchange Server 2019

Exchange Server 2019 management

Overview of the Exchange 2019 Mailbox server

Configuring Mailbox servers

Exchange Server 2019 recipients

Managing Exchange Server recipients

Configuring address lists and policies

Overview of the Exchange Management Shell

GOPAS Praha
Kodaňská 1441/46
101 00 Praha 10
Tel.: +420 234 064 900-3
info@gopas.cz

GOPAS Brno
Nové sady 996/25
602 00 Brno
Tel.: +420 542 422 111
info@gopas.cz

GOPAS Bratislava
Dr. Vladimíra Clementisa 10
Bratislava, 821 02
Tel.: +421 248 282 701-2
info@gopas.sk

Copyright © 2020 GOPAS, a.s.,
All rights reserved

Exchange - implementation

Managing Exchange Server 2019 by using Exchange Management Shell

Managing Exchange Server 2019 by using Exchange Management Shell scripts

Configuring client access services in Exchange Server 2019

Managing client services

Client connectivity and publishing of Exchange Server 2019 services

Configuring Outlook on the web

Configuring mobile messaging on Exchange Server 2019

High availability on Exchange Server 2019

Configuring highly available mailbox databases

Configuring high availability of Client Access services

Implementing Exchange Server 2019 backup

Implementing Exchange Server 2019 recovery

Overview of message transport

Configuring message transport

Managing transport rules

Deploying and managing an Edge Transport server for message security

Implementing an antivirus solution for Exchange Server 2019

Implementing an antispam solution for Exchange Server 2019

Overview of Exchange Online and Office 365

Managing Exchange Online

Implementing the migration to Exchange Online

Monitoring Exchange Server 2019

Troubleshooting Exchange Server 2019

Securing Exchange Server with role-based access control (RBAC)

Configuring audit logging on Exchange Server 2019

Maintaining Exchange Server 2019

Preparation for Microsoft certification

Most Microsoft certification exams do not require students to attend an official MOC course in order to pass the exam. This applies to all certifications except for MCM

Official Microsoft MOC courses as well as our own GOC courses are good ways of preparation for Microsoft certifications such as MCP, MTA, MCSA, MCSE or MCM

This does not mean that official MOC courses would serve as the only necessary praparation. The primary goal of an MOC course is to provide for sufficient theoretical knowledge and practical experience to effectively work with the related product

MOC courses usually cover most of the topics required by their respective certification exams, but often do not give every topic the same amount of time and emphassis as may be required to completelly pass the exam

GOPAS Praha
Kodaňská 1441/46
101 00 Praha 10
Tel.: +420 234 064 900-3
info@gopas.cz

GOPAS Brno
Nové sady 996/25
602 00 Brno
Tel.: +420 542 422 111
info@gopas.cz

GOPAS Bratislava
Dr. Vladimíra Clementisa 10
Bratislava, 821 02
Tel.: +421 248 282 701-2
info@gopas.sk

Copyright © 2020 GOPAS, a.s.,
All rights reserved

Exchange - implementation

GOPAS Praha
Kodaňská 1441/46
101 00 Praha 10
Tel.: +420 234 064 900-3
info@gopas.cz

GOPAS Brno
Nové sady 996/25
602 00 Brno
Tel.: +420 542 422 111
info@gopas.cz

GOPAS Bratislava
Dr. Vladimíra Clementisa 10
Bratislava, 821 02
Tel.: +421 248 282 701-2
info@gopas.sk

Copyright © 2020 GOPAS, a.s.,
All rights reserved