Exchange - advanced implementation and design

Course code: GOC232

Five-days instructor led training extends Exchange administration skills and also brings topics on design of complex and hybrid deployments with cloud infrastructures.

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

New features in Exchange Server

Gathering business requirements for an Exchange Server deployment

Planning for an Exchange Server deployment

Designing a Unified Messaging (UM) deployment

Planning Exchange Server hardware requirements

Planning Exchange Server for virtualization and Microsoft Azure integration

Planning and implementing public folders

Designing message routing

Designing transport services

Designing the message-routing perimeter

Designing and implementing transport compliance

Planning for Exchange Server clients

Planning for client access

Planning and implementing Office Online Server

Planning and implementing coexistence of SharePoint with Exchange

Designing external client access

Planning high availability for Exchange Server

Planning for load balancing

Planning for site resilience

Using Managed Availability to improve high availability

Implementing DSC

Planning messaging security

Designing and implementing AD RMS and Azure RMS integration

Overview of messaging records management and archiving

Designing In-Place Archiving

Designing and implementing message retention

Designing and implementing data loss prevention

Designing and implementing In-Place Hold

Designing and implementing In-Place eDiscovery

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Designing and implementing federation

Designing coexistence between Exchange organizations

Designing and implementing cross-forest mailbox moves

Planning an upgrade from previous Exchange Server versions

Implementing the upgrade from previous Exchange Server versions

Basics of a hybrid deployment

Planning and implementing a hybrid deployment

Implementing advanced functionality for hybrid deployments

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

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