
MOC 20345-1B: Administering Microsoft Exchange Server 2019

Summary

This course teaches IT professionals how to administer and support Exchange Server. The course covers how install and configure Exchange Server. It also covers how to manage mail recipients and public folders, including how to perform bulk operations by using Exchange Management Shell. In addition, the course covers how to manage client connectivity, message transport and hygiene, and highly available Exchange Server deployments. It also covers how to implement disaster recovery solutions. Finally, the course covers how to maintain and monitor an Exchange Server deployment and how to administer Exchange Online in a Office 365 deployment.

Prerequisites

In addition to their professional experience, students who attend this training should already have the following technical knowledge:

- Minimum of two years of experience administering Windows Server.
- Minimum of two years of experience working with Active Directory Domain Services (AD DS).
- Minimum of two years of experience working with name resolution, including Domain Name System (DNS).
- Understanding of TCP/IP and networking concepts.
- Understanding of security concepts such as authentication and authorization.
- Understanding of Simple Mail Transfer Protocol (SMTP).
- Working knowledge of public key infrastructure (PKI) technologies, including Active Directory Certificate Services (AD CS).

Duration

5 Days/Online Live Virtual

Audience

The audience for this course includes enterprise-level messaging administrators on Exchange Server. IT generalists and helpdesk professionals who want to learn about Exchange Server may 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, helpdesk, or system administration. They are also expected to have some experience with Exchange Server concepts but previous experience managing Exchange Server is not a requirement.

Topics

- Deploying Exchange Server
- Managing Exchange Server 2016 storage
- Managing recipient objects
- Managing recipients and Exchange servers by using Exchange Server cmdlets
- Module 5: Implementing client connectivity
- Managing high availability in Exchange Server
- Implementing disaster recovery for Exchange Server
- Configuring and managing message transport
- Configuring message security
- Monitoring and troubleshooting Exchange Server
- Securing and maintaining Exchange Server
- Implementing and managing Exchange Online deployments