



Sanisoft
information technologies

Designing &
Deploying
Microsoft
Exchange
Server
2016

OVERVIEW

This 10-day instructor-led course teaches IT professionals how to administer and support Exchange Server 2016. Students will learn how to install Exchange Server 2016, and how to configure and manage an Exchange Server environment. The course covers how to manage mail recipients and public folders, including how to perform bulk operations using Exchange Management Shell. Students also will learn how to manage client connectivity, message transport and hygiene, how to implement and manage highly available Exchange Server deployments, and how to implement back up and disaster recovery solutions.

The course also teaches students how to maintain and monitor an Exchange Server 2016 deployment. In addition, students will learn how to administer Exchange Online in an Office 365 deployment.

Duration: 50 Hrs

Prerequisites:

Before attending this course, students must have:

- A+ certification or equivalent knowledge.
- Network+ certification or equivalent knowledge.
- completed Course 2028A, Basic Administration of Microsoft Windows 2000, or have equivalent knowledge of administrative tasks.

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

- Attended course 20345-1A: Administering Exchange Server 2016, or have equivalent knowledge.
- Minimum two years of experience working with any version of Exchange Server.
- Minimum of six months of experience working with Exchange Server 2013 or Exchange Server 2016.
- Minimum of two years of experience administering the Windows Server 2012 R2.
- Minimum 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).
- Experience working with certificates, including public key infrastructure (PKI) certificates.
- Experience working with Windows Powershell.

Course Exam:

Code	Name	Duration
70-345	Designing and Deploying Microsoft Exchange Server 2016	50 Hrs

Course Outline: Designing and Deploying Microsoft Exchange Server 2016

- Planning Exchange Server 2016 deployments
- Planning and deploying Exchange Server 2016 Mailbox services
- Planning and deploying message transport
- Planning and deploying client access
- Designing and implementing high availability
- Maintaining Exchange Server 2016
- Designing messaging security
- Designing and implementing message retention
- Designing messaging compliance
- Designing and implementing messaging coexistence
- Upgrading to Exchange Server 2016
- Planning a hybrid Exchange Server deployment

Course Objectives

- Perform deployment and basic management of Exchange Server 2016.
- Manage Exchange Server 2016.
- Create and manage various recipient objects in Exchange Server 2016.
- Use Exchange Management Shell to create and manage various recipient objects in Exchange Server 2016, and
- Perform various tasks to automate Exchange management procedures.
- Configure client connectivity to Exchange Server 2016, and manage Client Access services.
- Implement and manage high availability.
- Implement backup and disaster recovery for Exchange Server 2016.
- Configure message transport options.
- Configure message hygiene and security options.
- Implement and manage Exchange Online deployments.
- Monitor and troubleshoot Exchange Server 2016.
- Secure and maintain Exchange Server 2016.
- Plan for Exchange Server deployments.
- Plan and deploy Exchange Server 2016 Mailbox services.
- Plan and deploy message transport.
- Plan and deploy client access.
- Design and implement high availability.
- Maintain Exchange Server 2016.
- Design messaging security.
- Design and implement message retention.
- Design messaging compliance.
- Design and implement messaging coexistence.
- Upgrade to Exchange Server 2016.
- Plan a hybrid Exchange Server deployment.

Targeted Audience

This Course Is Designed For:

This course is primarily intended for people aspiring to become enterprise-level messaging administrators for Exchange Server 2016. IT generalists and help-desk professionals who want to learn about Exchange Server 2016 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.

The secondary audience for this course includes IT professionals who take this course as preparation material for exam 70-345: Designing and Deploying Microsoft Exchange Server 2016, or as part of the requirement for the MCSE: Microsoft Exchange Server 2016 certification.



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