

# Advanced Solutions of Microsoft Exchange Server 2013 (20342)

Duration: **5 days**

## Who should attend?

This course is intended for people aspiring to be enterprise-level messaging administrators. Others who may take this course include IT generalists and help desk professionals who want to learn about Exchange Server 2013. People coming into the course are expected to have at least 3 years of experience working in the IT field—typically in the areas of network administration, help desk, or system administration. Students are expected to have experience with Exchange Server 2013 or with previous versions of Exchange Server.

## Certifications

This course is part of the following Certifications:

1. **MCSE Productivity** (MCSE)

## Prerequisites

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

1. Passed 70-341: Core Solutions of Microsoft Exchange Server 2013, or equivalent
2. Minimum of two years of experience working with Exchange Server
3. Minimum of six months of experience working with Exchange Server 2010 or Exchange Server 2013
4. Minimum of two years of experience administering Windows Server, including Windows Server 2008 R2 or Windows Server 2012
5. Minimum of two years of experience working with Active Directory
6. Minimum of two years of experience working with name resolution, including DNS
7. Experience working with certificates, including public key infrastructure (PKI) certificates
8. Experience working with Windows PowerShell

## Course Objectives

This course will provide you with the knowledge and skills to configure and manage a Microsoft Exchange Server 2013 messaging environment. This course will teach you how to configure Exchange Server 2013, and it will provide guidelines, best practices, and considerations that will help you optimize your Exchange Server deployment. After completing this course, students will be able to:

1. Design and implement Exchange Server 2013 Unified Messaging.
2. Design and implement site resiliency for Exchange Server 2013.
3. Plan a virtualization strategy for Exchange Server 2013 roles.
4. Design and implement message transport security.
5. Design and implement message retention in Exchange Server 2013.
6. Design and implement messaging compliance.
7. Design and implement administrative security in an Exchange Server 2013 environment.
8. Use the Windows PowerShell 3.0 command-line interface to manage Exchange Server 2013.
9. Design and implement integration with Exchange Online.
10. Design and implement messaging coexistence.
11. Design and implement Exchange Server migrations from non-Exchange messaging systems, and upgrades from previous Exchange Server versions.

## Course Content

Module 1: Designing and Implementing Site Resilience

Module 2: Planning Virtualization for Microsoft Exchange Server 2013

Module 3: Overview of Exchange Server 2013 Unified Messaging

Module 4: Designing and Implementing Exchange Server 2013 Unified Messaging

Module 6: Designing and Implementing Message Retention

Module 7: Designing and Implementing Messaging Compliance

Module 8: Designing and Implementing Administrative Security and Auditing

Module 9: Managing Exchange Server 2013 with Exchange Management Shell

Module 10: Designing and Implementing Integration with Microsoft Exchange Online

Module 11: Designing and Implementing Messaging Coexistence

Module 12: Designing and Implementing Exchange Server Upgrades