



---

## ADVANCED SOLUTIONS OF MICROSOFT EXCHANGE SERVER 2013 – EXAM 70-342

---

This hands-on course provides students with the knowledge of Advanced Solutions of Microsoft Exchange Server 2013 and 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.

This course is part four of four towards your MCSE: Messaging credential.

NOTE: This course is designed for experienced IT professionals who are MCSA: Office 365 certified.

### COURSE OUTLINE:

#### **Designing and Implementing Site Resilience**

- Site Resilience and High Availability in Exchange Server 2013
- Planning a Site Resilient Implementation
- Implementing Site Resilience

#### **Planning Virtualization for Microsoft Exchange Server 2013**

- Planning a Hyper-V Deployment to Exchange Server 2013
- Virtualizing Exchange Server 2013 Server Roles

#### **Overview of Exchange Server 2013 Unified Messaging**

- Overview of Telephony Technologies



- Unified Messaging in Exchange Server 2013
- Unified Messaging Components

### **Designing and Implementing Exchange Server 2013 Unified Messaging**

- Designing a Unified Messaging Deployment
- Deploying and Configuring Unified Messaging Components
- Designing and Implementing Exchange Server 2013 UM Integration with Lync Server 2013

### **Designing and Implementing Message Transport Security**

- Overview of Messaging Policy and Compliance Requirements
- Designing and Implementing Transport Compliance

### **Designing and Implementing Active Directory Rights Management Services (AD RMS) Integration with Exchange Server 2013**

### **Designing and Implementing Message Retention**

- Overview of Messaging Records Management and Archiving
- Designing In-Place Archiving
- Designing and Implementing Message Retention

### **Designing and Implementing Messaging Compliance**

- Designing and Implementing Data Loss Prevention
- Designing and Implementing In-Place Hold
- Designing and Implementing In-Place eDiscovery

### **Designing and Implementing Administrative Security and Auditing**

- Designing and Implementing Role-Based Access Control (RBAC)



- Designing and Implementing Split Permissions
- Planning and Implementing Audit Logging

### **Managing Exchange Server 2013 with Exchange Management Shell**

- Overview of Windows PowerShell 3.0
- Managing Exchange Server Recipients by Using the Exchange Management Shell
- Using Windows PowerShell to Manage Exchange Server

### **Designing and Implementing Integration with Microsoft Exchange Online**

- Planning for Exchange Online
- Planning and Implementing the Migration to Exchange Online
- Planning to Coexist with Exchange Online

### **Designing and Implementing Messaging Coexistence**

- Designing and Implementing Federation
- Designing Coexistence between Exchange Server Organizations
- Designing and Implementing Cross-Forest Mailbox Moves

### **Designing and Implementing Exchange Server Upgrades**

- Planning the Upgrade from Previous Exchange Server Versions
- Implementing the Upgrade from Previous Exchange Versions