**ASM Educational Center (ASM)** *Est. 1992*

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# MCSE Messaging Certification



## Course Outline

### Core Solutions of Microsoft Exchange Server 2013 (Exam 70-341)

**1. Deploying and Managing Microsoft Exchange Server 2013**
- Exchange Server 2013 Prerequisites and Requirements
- Exchange Server 2013 Deployment
- Managing Exchange Server 2013

**2. Planning and Configuring Mailbox Servers**
- Overview of the Mailbox Server Role
- Planning the Mailbox Server Deployment
- Configuring the Mailbox Servers

**3. Managing Recipient Objects**
- Managing Exchange Server 2013 Mailboxes
- Managing Other Exchange Recipients
- Planning and Implementing Public Folder Mailboxes
- Managing Address Lists and Policies

**4. Planning and Deploying Client Access Servers**
- Planning Client Access Server Deployment
- Configuring the Client Access Server Role
- Managing Client Access Services

**5. Planning and Configuring Messaging Client Connectivity**
- Client Connectivity to the Client Access Server
- Configuring Outlook Web App
- Planning and Configuring Mobile Messaging
- Configuring Secure Internet Access for Client Access Server

**6. Planning and Implementing High**
- High Availability on Exchange Server 2013
- Configuring Highly Available Mailbox Databases
- Configuring Highly Available Client Access Servers

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### 7. Planning and Implementing Disaster Recovery
- Planning for Disaster Mitigation
- Planning and Implementing Exchange Server 2013 Backup
- Planning and Implementing Exchange Server 2013 Recovery

### 8. Planning and Configuring Message Transport
- Overview of Message Transport and Routing
- Planning and Configuring Message Transport
- Managing Transport Rules

### 9. Planning and Configuring Message Hygiene
- Planning Messaging Security
- Implementing an Antivirus Solution for Exchange Server 2013
- Implementing an Anti-Spam Solution for Exchange Server 2013

### 10. Planning and Configuring Administrative Security and Auditing
- Configuring Role-Based Access Control
- Configuring Audit Logging

### 11. Monitoring and Troubleshooting Microsoft Exchange Server 2013
- Monitoring Exchange Server 2013
- Maintaining Exchange Server 2013
- Troubleshooting Exchange Server 2013

## Advanced Solutions of Microsoft Exchange Server 2013 (Exam 70-342)

### 1. Designing and Implementing Site Resilience
- Site Resilience and High Availability in Exchange Server 2013
- Planning a Site Resilient Implementation
- Implementing Site Resilience

### 2. Planning Virtualization for Microsoft Exchange Server 2013
- Planning a Hyper-V Deployment to Exchange Server 2013
- Virtualizing Exchange Server 2013 Server Roles

### 3. Overview of Exchange Server 2013 Unified Messaging
- Overview of Telephony Technologies
- Unified Messaging in Exchange Server 2013
- Unified Messaging Components

### 4. 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

### 5. 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

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

## 7. Designing and Implementing Messaging Compliance
- Designing and Implementing Data Loss Prevention
- Designing and Implementing In-Place Hold
- Designing and Implementing In-Place eDiscovery

## 8. 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

## 9. Managing Exchange Server 2013 with Exchange Management
- Overview of Windows PowerShell 3.0
- Managing Exchange Server Recipients by Using the Exchange Management Shell
- Using Windows PowerShell to Manage Exchange Server

## 10. Designing and Implementing Integration with Microsoft Exchange
- Planning for Exchange Online
- Planning and Implementing the Migration to Exchange Online
- Planning to Coexist with Exchange Online

## 11. Designing and Implementing Messaging Coexistence
- Designing and Implementing Federation
- Designing Coexistence Between Exchange Server Organizations
- Designing and Implementing Cross-Forest Mailbox Moves

## 12. Designing and Implementing Exchange Server Upgrades
- Planning the Upgrade from Previous Exchange Server Versions
- Implementing the Upgrade from Previous Exchange Versions