



# Exam 70-345: Designing and Deploying Microsoft Exchange Server 2016

NOTE: The bullets that appear below each of the skills measured are intended to illustrate how we are assessing that skill. This list is not definitive or exhaustive.

NOTE: In most cases, exams do NOT cover preview features, and some features will only be added to an exam when they are GA (General Availability).

## Objective Domain

### **1. Plan, Deploy, Manage, and Troubleshoot Mailbox Databases (15-20%)**

- 1.1 Plan, deploy, and manage mailbox databases
- 1.2 Plan, deploy, and manage high availability solutions for mailbox databases
- 1.3 Plan, deploy, and manage a site-resilient Database Availability Group (DAG)
- 1.4 Monitor and troubleshoot mailbox databases
- 1.5 Plan, deploy, and manage backup and recovery solutions for mailbox databases

### **2. Plan, Deploy, Manage and Troubleshoot Client Access Services (15- 20%)**

- 2.1 Plan, deploy, and manage Client Access services
- 2.2 Plan, deploy and manage mobility solutions
- 2.3 Plan, deploy, and manage load balancing
- 2.4 Monitor and troubleshoot client connectivity
- 2.5 Plan, deploy, and manage a site-resilient client access services solution

### **3. Plan, Deploy, Manage and Troubleshoot Transport Services (15- 20%)**

- 3.1 Plan, deploy, and manage transport services
- 3.2 Troubleshoot and monitor transport services
- 3.3 Plan, deploy, and manage message hygiene
- 3.4 Plan, deploy and manage site resilience transport services



## **4. Plan, Deploy, Manage Exchange Infrastructure, Recipients and Security (15- 20%)**

- 4.1 Plan and configure Active Directory (AD) Domain Services for Exchange and Organizational settings
- 4.2 Create and configure mail-enabled objects
- 4.3 Manage mail-enabled object permissions
- 4.4 Plan, deploy, manage, and troubleshoot Role Based Access Control (RBAC)
- 4.5 Plan an appropriate security strategy
- 4.6 Plan, deploy, manage, and troubleshoot IRM with Active Directory Rights Management Services (AD RMS) or Azure RMS
- 4.7

## **5. Plan, Deploy, and Manage Compliance, Archiving, eDiscovery, and Auditing (10–15%)**

- 5.1 Plan and configure Data Loss Prevention (DLP) solutions
- 5.2 Plan, configure, and manage Archiving and Message Records Management (MRM)
- 5.3 Plan, configure, and perform eDiscovery
- 5.4 Plan, configure, and manage a compliance solution
- 5.5 Plan, manage, and use mailbox and administrative auditing

## **6. Implement and Manage Coexistence, Hybrid Scenarios, Migration, and Federation (5–10%)**

- 6.1 Plan, deploy, and troubleshoot coexistence with Office 365 (Exchange Online)
- 6.2 Plan, deploy, manage, and troubleshoot Exchange federation
- 6.3 Plan, deploy, manage, and troubleshoot Exchange federation
- 6.4 Migrate from earlier supported versions of Exchange