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## Designing and Deploying Microsoft Exchange Server 2016

Microsoft 70-345

Version Demo

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## Topic Break Down

<b>Topic</b>	<b>No. of Questions</b>
<b>Topic 1, Case Study 1</b>	<b>13</b>
<b>Topic 2, Case Study 2</b>	<b>7</b>
<b>Topic 3, Case Study 3</b>	<b>11</b>
<b>Topic 4, Case Study 4</b>	<b>9</b>
<b>Topic 5, Mixed Questions</b>	<b>126</b>
<b>Total</b>	<b>166</b>

## QUESTION NO: 1

You have an Exchange Server 2016 organization. The organization contains 2,000 mailboxes and 100 distribution groups.

You create a distribution group named Managers and you add 20 users to the group.

You need to ensure that the members of Managers can create new groups and modify the membership of those groups.

Which three actions should you perform? Each correct answer presents part of the solution.

- A. Create a role assignment policy named Managers.
- B. Create a new role group named Managers.
- C. Assign an address book policy (ABP).
- D. Add the MyBaseOptions and MyDistributionGroupMembership management roles the Managers role assignment policy.
- E. Assign the role assignment policy.
- F. Assign a sharing policy.
- G. Add the MyBaseOptions and MyDistributionGroups management roles to the Managers role assignment policy.

## ANSWER: A E G

### Explanation:

A, E: Management roles can be further combined into larger groupings called management role groups and management role assignment policies, which enable management of feature areas and recipient configuration.

G: The MyDistributionGroups role type is associated with roles that enable individual users to create, modify, and view distribution groups and modify, view, remove, and add members to distribution groups they own.

The MyBaseOptions management role enables individual users to view and modify the basic configuration of their own mailbox and associated settings.

Incorrect Answers:

D: The MyDistributionGroupMembership role type is associated with roles that enable individual users to view and modify their membership in distribution groups in an organization, provided that those distribution groups allow manipulation of group membership.

References: [https://technet.microsoft.com/en-us/library/dd298116\(v=exchg.150\).aspx](https://technet.microsoft.com/en-us/library/dd298116(v=exchg.150).aspx)

## QUESTION NO: 2

A company deploys Microsoft SQL Server on an Azure DS3\_V2\_Standard virtual machine (VM).

You need to modify the disk caching policy.

Which Azure PowerShell cmdlet should you run?

- A. Update-AzureDisk
- B. Update-AzureRmVm
- C. Set-AzureRMVMDDataDisk
- D. Set-AzureRmVmOperatingSystem

**ANSWER: C**

**Explanation:**

References: <https://docs.microsoft.com/en-us/powershell/module/azurerem.compute/set-azurermvmdatadisk?view=azurermps-4.3.1>

## QUESTION NO: 3

You have an Exchange Server 2016 organization. The organization contains a server named EX01.

Users report that they receive the error message shown in the following graphic when they open Microsoft Outlook.



You need to prevent the users from receiving the error message when they open Outlook.

Which command should you use?

- A. Set-AutodiscoverVirtualDirectory

- B. Set-MailboxServer
- C. Set-ClientAccessServer
- D. Set-RpcClientAccess

**ANSWER: C**

**Explanation:**

References: <https://docs.microsoft.com/en-us/powershell/module/exchange/client-access-servers/set-clientaccessserver?view=exchange-ps>

## QUESTION NO: 4

You have an Exchange Server 2016 organization.

Users store sales information in public folders.

You need to create a public folder that can receive email from external users.

Which three commands should you use? Each correct answer presents part of the solution.

- A. Add-MailboxPermission
- B. Add-PublicFolderClientPermission
- C. Update-PublicFolderMailbox
- D. Enable-MailPublicFolder
- E. Add-RecipientPermission
- F. New-PublicFolder
- G. New-Mailbox

**ANSWER: B D F**

**Explanation:**

References:

[https://technet.microsoft.com/en-us/library/bb691104\(v=exchg.160\).aspx](https://technet.microsoft.com/en-us/library/bb691104(v=exchg.160).aspx) [https://technet.microsoft.com/en-us/library/aa997560\(v=exchg.160\).aspx#CreateItems](https://technet.microsoft.com/en-us/library/aa997560(v=exchg.160).aspx#CreateItems)

## QUESTION NO: 5 - (DRAG DROP)

DRAG DROP

You have an Exchange Server 2016 organization. The organization contains 2,000 mailboxes.

You need to provide administrators with the ability to perform the following tasks:

- An administrator named Admin1 must be able to create custom message classifications.
- An administrator named Admin2 must be able to create retention tags.

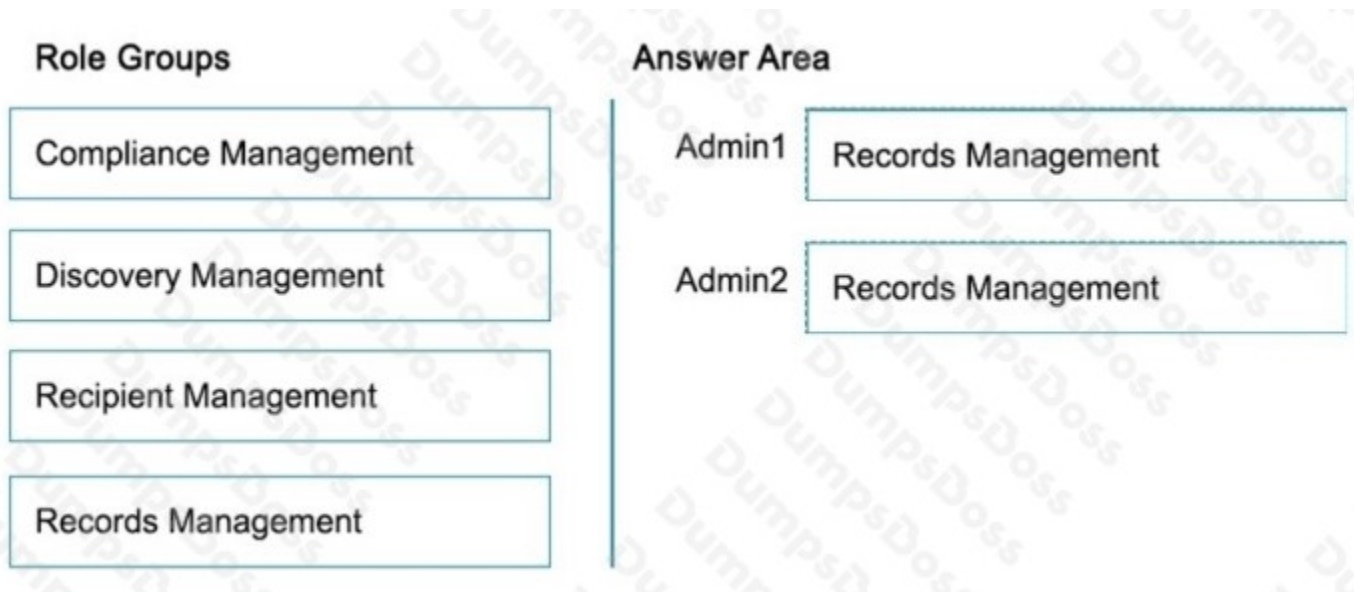
Which management role group should you assign to each administrator? To answer, drag the appropriate role groups to the correct administrators. Each role group may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

### Select and Place:

Role Groups	Answer Area
Compliance Management	Admin1 Role group
Discovery Management	Admin2 Role group
Recipient Management	
Records Management	

**ANSWER:**



**Explanation:**

Users who are members of the Records Management role group can configure compliance features, such as retention policy tags, message classifications, transport rules, and more.

**QUESTION NO: 6**

Your company has a data center in Miami and a data center in Orlando. Each data center is configured as an Active Directory site.

The network contains an Active Directory forest named fabrikam.com.

The company plans to deploy an Exchange Server 2016 organization that will contain the servers configured as shown in the following table.

Server name	Server role	Data center
EX1	Mailbox	Miami
EX2	Mailbox	Miami
EX3	Mailbox	Orlando
EX4	Mailbox	Orlando
EX5	Edge Transport	Miami
EX6	Edge Transport	Orlando

The servers will be configured in a single database availability group (DAG). Datacenter Activation Coordination (DAC) mode will be enabled for the DAG.

All inbound email from the Internet will be routed through EX5.

You need to recommend a solution to ensure that users will continue to receive email messages if the Miami data center fails.

Which two actions should you include in the recommendation? Each correct answer presents part of the solution.

- A. Create one mail exchanger (MX) record that has a priority of 10 and configure the record to point to mx.fabrikam.com. Create a second MX record that has a priority of 100 and configure the record to point to mx-backup.fabrikam.com.
- B. Create one mail exchanger (MX) record that has a priority of 10 and a second MX record that has a priority of 100. Configure both MX records to point to mx.fabrikam.com.
- C. Configure a host (A) record named mx.fabrikam.com and point mx.fabrikam.com to the IP address of EX5. Configure a host (A) record named mx-backup.fabrikam.com and point mxbackup.fabrikam.com to the IP address of EX6.
- D. Configure a host (A) record named mx.fabrikam.com. Add the IP addresses of EX5 and EX6 to the record.
- E. Modify the weight of the mx.fabrikam.com mail exchanger (MX) record.

**ANSWER: A C**

**Explanation:**

Mail is delivered to the mail exchange server with the lowest preference number (highest priority), so the MX record you use for mail routing should have the lowest preference number, typically 0 or High priority.

You can have multiple MX records each pointing to a different SMTP host.

References: <https://www.microsoftpressstore.com/articles/article.aspx?p=2302522&seqNum=3>

## QUESTION NO: 7 - (DRAG DROP)

DRAG DROP

You have an Exchange Server 2010 organization. The organization has 500 mailboxes and three servers. The servers are configured as shown in the following table.

Server name	Role
EX10MBX	Mailbox Server
EX10CH	Client Access server, Hub Transport server
EX10EDGE	Edge Transport server

EX10EDGE is located in the perimeter network. EX10CH has an Edge Subscription. All Internet mail flows through EX10EDGE.

You deploy an Exchange Server 2016 Mailbox server named EX16MBX to the organization. You deploy an Exchange Server 2016 Edge Transport server named EX16EDGE to the perimeter network.

You need to transition all Internet mail to flow through EX16EDGE. The solution must minimize disruptions to the mail flow.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

**Select and Place:**

## Actions

Configure the perimeter firewall to forward HTTPS traffic to EX16EDGE.

Modify the Edge Subscription on EX10CH.

Remove the Edge Subscription on EX10CH and EX10EDGE.

Create an Edge Subscription between EX16EDGE and EX16MBX.

Configure the perimeter firewall to forward SMTP traffic to EX16EDGE.

Create an Edge Subscription between EX10EDGE and EX16MBX.

## Answer Area



**ANSWER:**

## Actions

Configure the perimeter firewall to forward HTTPS traffic to EX16EDGE.

Modify the Edge Subscription on EX10CH.

Create an Edge Subscription between EX10EDGE and EX16MBX.

## Answer Area

Create an Edge Subscription between EX16EDGE and EX16MBX.

Configure the perimeter firewall to forward SMTP traffic to EX16EDGE.

Remove the Edge Subscription on EX10CH and EX10EDGE.

### Explanation:

### QUESTION NO: 8 - (HOTSPOT)

#### HOTSPOT

Your company has an Exchange Server 2016 organization.

You plan to allow several users to access the mailboxes of the other users.

You need to ensure that a user named User1 can read and delete the email messages in the mailbox of a user named User2. User1 must add the mailbox of User2 manually to the Microsoft Outlook profile.

What command should you run? To answer, select the appropriate options in the answer area.

#### Hot Area:

## Answer Area

Add-MailboxFolderPermission Add-MailboxPermission	-Identity User1 -Identity User2	-User User1 -User User2
-AccessRight ExternalAccount -AccessRight FullAccess -AccessRight ReadPermission	-Automapping \$false -Automapping \$true -Confirm \$false -Confirm \$true	-inheritanceType All

## ANSWER:

## Answer Area

Add-MailboxFolderPermission Add-MailboxPermission	-Identity User1 -Identity User2	-User User1 -User User2
-AccessRight ExternalAccount -AccessRight FullAccess -AccessRight ReadPermission	-Automapping \$false -Automapping \$true -Confirm \$false -Confirm \$true	-inheritanceType All

## Explanation:

References: [https://technet.microsoft.com/en-us/library/bb124097\(v=exchg.160\).aspx?f=255&MSPPErr=-2147217396](https://technet.microsoft.com/en-us/library/bb124097(v=exchg.160).aspx?f=255&MSPPErr=-2147217396)

## QUESTION NO: 9

You need to ensure that members of a group named Relecloudadmins can create user accounts and mailboxes for new employees by using Exchange Admin Center (EAC) after the planned upgrade.

What should you do first?

- A. Run the New-ManagementRole cmdlet.
- B. Run the New-ManagementRoleAssignment cmdlet.

- C. Run setup.exe and specify the /PrepareDomain parameter.
- D. Run setup.exe and specify the /PrepareAD parameter.

**ANSWER: B**

**Explanation:**

References: [https://technet.microsoft.com/en-us/library/dd335193\(v=exchg.160\).aspx](https://technet.microsoft.com/en-us/library/dd335193(v=exchg.160).aspx)

**QUESTION NO: 10 - (HOTSPOT)**

**HOTSPOT**

You need to recommend how many database availability groups (DAGs) and how many namespaces must be added to the site resilience solution to meet the availability requirements.

How many namespaces and DAGs should you recommend adding? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

**Hot Area:**

**Answer Area**

**Number of namespaces:**

	▼
One	
Two	
Three	
Four	

**Number of DAGs:**

	▼
One	
Two	
Three	
Four	

**ANSWER:**

## Answer Area

Number of namespaces:

	▼
One	
Two	
Three	
Four	

Number of DAGs:

	▼
One	
Two	
Three	
Four	

### Explanation:

Box 1: Number of namespaces: Four

Box 2: Number of Dags: Two

Depending on your architecture and infrastructure you have two choices:

These choices are tied to the DAG architecture.

- Deploy a unified namespace for the site resilient datacenter pair (unbound model).
- In an unbound model, you have a single DAG deployed across the datacenter pair.
- Deploy a dedicated namespace for each datacenter in the site resilient pair (bound model).

In a bound model, multiple namespaces are preferred, two per datacenter (primary and failback namespaces), to prevent clients trying to connect to the datacenter where they may have no connectivity.

As its name implies, in a bound model, users are associated (or bound) to a specific datacenter. In other words, there is preference to have the users operate out of one datacenter during normal operations and only have the users operate out of the second datacenter during failure events. There is also a possibility that users do not have equal connectivity to both datacenters. Typically, in a bound model, there are two DAGs deployed in the datacenter pair. Each DAG contains a set of mailbox databases for a particular datacenter; by controlling where the databases are mounted, you control connectivity.

From scenario:

The servers in the New York and London offices are members of a database availability group (DAG).

Fabrikam identifies the following high-availability requirements for the planned deployment:

Mailbox databases that contain mailboxes for the New York office users must only be activated on the servers in the London office manually.

All client access connections to the London and New York offices must use load-balanced namespaces. The load balancing mechanism must perform health checks.

References: <https://blogs.technet.microsoft.com/exchange/2015/10/06/namespace-planning-in-exchange-2016/>