

# Microsoft

## Exam 70-345

### Designing and Deploying Microsoft Exchange Server 2016

Version: 7.0

[ Total Questions: 74 ]

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## Topic 1, Fabrikam inc.

### Overview

Fabrikam, Inc. is an international manufacturing company that has 5,000 employees. The company has sales, marketing research and human resources departments.

Fabrikam has two main offices and three branch offices. The main offices are located in New York and London. The branch offices are located in Seattle, Montreal, and Paris.

The offices connect to each other by using a WAN link. Each office connects directly to the Internet. The WAN connections from the main offices to the branch offices are reliable.

### Existing Environment

#### Exchange Environment

The Exchange Server organization contains servers that have either Exchange Server 2010 or Exchange Server 2013 installed. Each main office contains two Exchange Server 2013 servers. Each branch office contains one Exchange Server 2010 server.

MX records are configured to deliver email to **the** offices in New York and London. Email is delivered to the London office only if the New York office is unavailable.

Each office is configured to use a separate namespace for client access. The New York office is configured to use a namespace of mail.fabrikam.com.

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

The technical support staff in the branch offices have administrative access to the existing Exchange servers and are assigned Organization Management permissions.

Users from the sales department frequently send email messages that contain the Social Security number of customers in the United States.

### Problem Statements

Fabrikam identifies the following issues on the network:

- Users in the Paris office report that when launching Microsoft Outlook, they receive a security alert indicating a certificate name mismatch. The security alert is not generated when they connect to Outlook Web Access. Users from the other offices do not report receiving the security alert.
- Network administrators report that the mailbox databases in the New York office sometimes activate on the Exchange servers in the London office, resulting in poor

performance for the New York office users.

## Planned Changes

Fabrikam plans to implement the following changes to the network:

- Upgrade the organization to Exchange Server 2016 during the next six months.
- Enable online document viewing and editing from Outlook on the web.

## High Availability Requirements

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.

## Security and compliance requirements

Fabrikam identifies the following security and compliance requirements:

- After the planned upgrade, the maximum mailbox size must be 5 GB.
- Administrators from the branch offices must be able to view the mailbox properties and reset the passwords of the users, but must be prevented from changing the mailbox database configurations.
- Users who are involved in legal disputes with customers must be prevented from permanently deleting email messages pertaining to the dispute. The users must be able to delete all other messages permanently.
- If a user enters a Social Security number in an email message addressed to an external recipient, the user must receive a notification before sending the message. If the user sends the message, the message must not be delivered. A compliance officer must be notified of the violation.

## Connectivity requirements

Fabrikam identifies the following connectivity requirements:

- Connections for inbound and outbound email must be initiated and terminated from an Edge Transport server in the perimeter network.
- All external client connections from the branch office users must be proxied from the New York office to the branch offices.
- The number of namespaces used for client access must be minimized.

**Question No : 1 - (Topic 1)**

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## Microsoft 70-345 : Practice Test

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You need to recommend changes to the existing environment to meet the high-availability requirements for the mailbox databases. What should you recommend?

- A. Run the Suspend-MailboxDatabaseCopy cmdlet
- B. Run the Update-MailboxDatabaseCopy cmdlet.
- C. Deploy a file share witness to a branch office.
- D. Modify the cluster resource properties.

**Answer: D**

### Question No : 2 - (Topic 1)

You need to recommend changes to the existing environment to meet the high-availability requirements for the mailbox databases. What should you recommend?

- A. Run TheSet-MailBoxDatabasecmdlet.
- B. Run theSet-DatabaseAvailabilityGroupcmdlet
- C. Run theSet-MailBoxServercmdlet.
- D. Run theSet-MailBoxDatabaseCopycmdlet.

**Answer: B**

**Explanation:**

References: [https://technet.microsoft.com/en-us/library/dd297934\(v=exchg.160\).aspx](https://technet.microsoft.com/en-us/library/dd297934(v=exchg.160).aspx)

### Question No : 3 - (Topic 1)

You begin to implement the Exchange Server 2016 servers and plan to decommission the Exchange Server 2013 servers during the next six months.

You need to recommend which actions must be performed to support the planned changes for document collaboration.

You install Microsoft Office Online Server on a new server.

Which two cmdlets should you recommend running next? Each correct answer presents part of the solution.

- A. New-OfficeWebAppsFarm
- B. Set-PartnerApplication
- C. Set-MailboxServer
- D. New-OfficeWebAppsHost
- E. Set-OrganizationConfig

**Answer: A,C**

**Question No : 4 HOTSPOT - (Topic 1)**

You need to configure a data loss prevention (DLP) policy to meet the compliance and security requirements.

How should you configure the policy rule? To answer, select the appropriate options in the answer area.

Apply this rule if...

▼
The recipient is outside of the organization. The message properties include this classification.

And...

▼
The recipient is outside of the organization. The message contains sensitive information.

Do the following...

▼
Add the sender's manager as a recipient. Generate an incident report and send the report to (email address). Block the message: Reject the message and include an explanation.

And...

▼
Redirect the message to (email address). Notify the sender by using a policy tip and block the message. Block the message: Reject the message and include an explanation.

**Answer:**

Apply this rule if...

	▼
The recipient is outside of the organization.	
The message properties include this classification.	

And...

	▼
The recipient is outside of the organization.	
The message contains sensitive information.	

Do the following...

	▼
Add the sender's manager as a recipient.	
Generate an incident report and send the report to (email address).	
Block the message: Reject the message and include an explanation.	

And...

	▼
Redirect the message to (email address).	
Notify the sender by using a policy tip and block the message.	
Block the message: Reject the message and include an explanation.	

### Question No : 5 - (Topic 1)

You need to recommend a solution for the users involved in the legal disputes. What should you include in the recommendation?

- A. a journal rule
- B. an Outlook protection rule
- C. an in-place Hold
- D. a Litigation Hold

**Answer: C**

**Explanation:**

References: [https://technet.microsoft.com/en-us/library/ff637980\(v=exchg.160\).aspx](https://technet.microsoft.com/en-us/library/ff637980(v=exchg.160).aspx)

### Question No : 6 - (Topic 1)

You need to recommend changes to the messaging infrastructure. The changes must meet the connectivity requirements after the planned upgrade. Which two actions should you recommend? Each correct answer presents part of the solution.

- A. From the Mailbox servers, import the Edge Subscription file.
- B. On the Edge Transport Servers, start Edge Synchronization.
- C. On the Edge Transport servers, import the Edge Subscription file.
- D. On the Edge Transport servers, create an Edge Subscription file.
- E. On the Mailbox servers, restart the Microsoft Exchange Transport service.

**Answer: A,E**

### Question No : 7 - (Topic 1)

You deploy Layer 7 load balancers to the New York and London offices.

You are planning the namespace configuration that will be used once you complete the planned upgrade to Exchange Server 2016.

You need to recommend a solution to meet the connectivity requirements for the namespaces.

What should you recommend?

- A. On the New York office servers, change the internal URLs to mail.fabrikam.com.
- B. On all of the branch office servers, change the external URLs to Snull.
- C. On all of the branch office servers, change the external URLs to mail.fabnkam.com.
- D. On the New York office servers, change the internal URLs to Snull.

**Answer: C**

### Topic 2, Relecloud

#### Directory Environment

The network contains a single Active Directory forest named relecloud.com. The forest contains a single domain and a single Active Directory site.

All servers run Windows Server 2012 R2 and are members of the domain. All client computers run Windows 10 and are members of the domain.

The Active Directory forest is prepared for Exchange Server 2016.



## Exchange Environment

Relecloud has an Exchange Server 2013 Service Pack 1 (SP1) organization. The organization contains six servers. The servers are configured as shown in the following table.

Server Name	Role
EX1	Mailbox server
EX2	Mailbox server
EX3	Mailbox server Client Access Server
EX4	Mailbox server Client Access Server
EX5	Client Access Server
EdgeEX	Edge Transport Server

The organization has the following configurations:

- EX1, EX2, and EX3 are members of a database availability group (DAG) named DAG1.
- Edge Synchronization is configured for the Active Directory site.
- All client computers have Microsoft Outlook 2013 SP1 installed.
- All inbound and outbound mail flow is routed through EdgeEx.
- Antispam transport agents are configured on EdgeEX.
- Active Directory split permissions are enabled.
- Outlook anywhere is enabled.

Developers are Relecloud develop applications that send email notifications. These notifications are sent by using an SMTP client.

### Planned Changes

Relecloud plans to upgrade all of the Mailbox and Client Access servers to Exchange Server 2016.

The servers will host all of the mailboxes in the organization. The SMTP clients used by the development department users will use the new email servers to relay email messages

### Connectivity Requirements

Relecloud identifies the following connectivity requirements:

- The default connection method for the Outlook clients must be MAPI over HTTP.
- All Exchange ActiveSync users must be prevented from sending email messages that are larger than 1 MB.

### Compliance Requirements

Relecloud identifies the following connectivity requirements:

- Prevent all users in the organization from deleting email messages that contain the word RelecloudFutures.
- Log all of the details that relate to the creation of new mailboxes.

### Availability Requirements

Relecloud identifies the following availability requirements:

- Implement a new Exchange Server 2016 DAG.
- Maintain multiple copies of the mailbox information during the upgrade process to Exchange Server 2016.

### Question No : 8 - (Topic 2)

After deploying new servers, you configure the development applications to send email notifications by using a new server that runs Exchange Server 2016.

You need to reduce the likelihood that the email messages will be identified incorrectly as spam. What should you do?

- A.** On the new server run, theSet-TransportConfigcmdlet and specify the-/nterna/SMTPServersparameter.
- B.** Create a new internal relay accepted domain.
- C.** Upgrade EdgeEX to Exchange Server 2016.
- D.** On the new server run, run theSet-TransportServercmdlet and specify *Xhe-AntiSpamAgentsEnabledar16\let*

**Answer: A**

**Explanation:**

References:

[www.techieshelp.com/exchange-2013-enable-anti-spam/](http://www.techieshelp.com/exchange-2013-enable-anti-spam/)><http://www.techieshelp.com/exchange-2013-enable-anti-spam/>