Vendor: Microsoft

Exam Code: 70-345

Exam Name: Designing and Deploying Microsoft Exchange Server 2016

Version: Demo

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 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.

Correct Answer: C

QUESTION 2
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.

Correct Answer: AE

QUESTION 3
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.

Correct Answer: B
Explanation:
https://technet.microsoft.com/en-us/library/dd297934(v=exchg.160).aspx

QUESTION 4
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

Correct Answer: AC

QUESTION 5
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

Correct Answer: C
Explanation:
https://technet.microsoft.com/en-us/library/ff637980(v=exchg.160).aspx

QUESTION 6
HOTSPOT
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.

Correct 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 7
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.

Correct Answer: D

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 1
You are planning the deployment of the Exchange servers.

You need to recommend which configurations must be performed after the installation of Exchange Server 2016 to ensure that the users can access the mailboxes without receiving error messages.

Which two actions should you recommend? Each correct answer presents part of the solution.

A. Add the new server to the Exchange Servers group.
B. Create a Send Connector.
C. Import the certificate from EX3 and assign the certificate.
D. Configure the virtual directory URLs.
E. Create a Receive Connector.

Correct Answer: CD
Explanation:
https://technet.microsoft.com/EN-US/librarv/mt634322(v=exchg.160).aspx

QUESTION 2
You need to meet the connectivity requirement for the Exchange ActiveSync clients after the planned upgrade. What should you do?

A. Modify the EdgeTransport.exe.config.file.
B. Run theSet-TransportConfigcmdlet.
C. Run theSet-ActiveSyncMailboxPolicycmdlet
D. Modify the Web.config file.

Correct Answer: D

Explanation:
https://technet.microsoft.com/en-us/library/hh529949(v=exchg.150).aspx
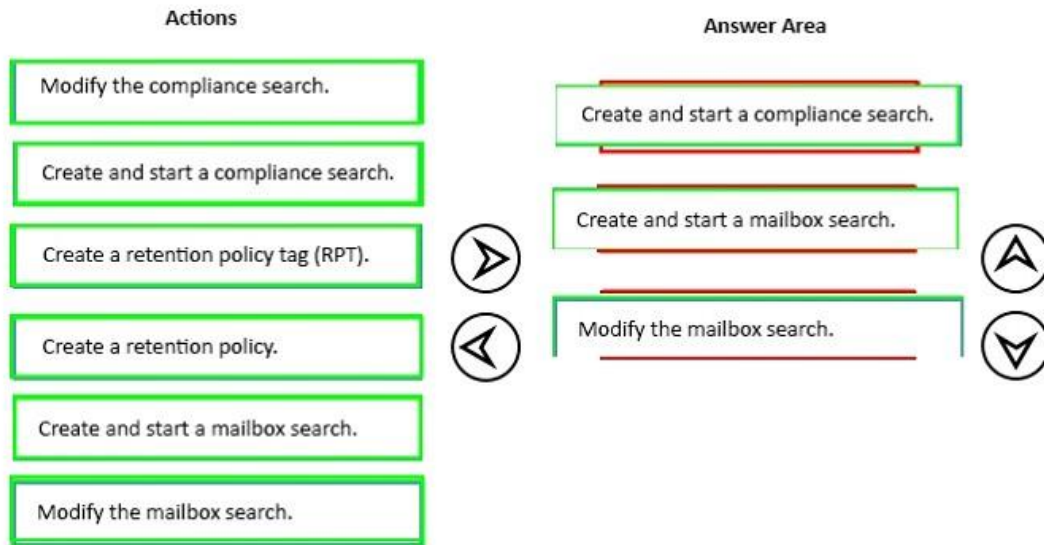

QUESTION 3
DRAG DROP
You need to prevent all of the users from deleting certain email messages after the planned upgrade. The solution must meet the compliance requirements.

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.

Actions	Answer Area
Modify the compliance search.	
Create and start a compliance search.	
Create a retention policy tag (RPT).	
Create a retention policy.	
Create and start a mailbox search.	
Modify the mailbox search.	

Correct Answer:

Actions

> Modify the compliance search.

> Create and start a compliance search.

> Create a retention policy tag (RPT).

> Create a retention policy.

> Create and start a mailbox search.

> Modify the mailbox search.

Answer Area

> Create and start a compliance search.

> Create and start a mailbox search.

> Modify the mailbox search.

QUESTION 4
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-AntiSpamAgentsEnabledar\6\et

Correct Answer: A
Explanation:
http://www.techieshelp.com/exchange-2013-enable-anti-spam/

QUESTION 5
You need to ensure that members of a group named Relecloudadmins can create user accounts and mailboxes for new employees after the planned upgrade. What should you do first?

A. Run theNew-ManagementRolecmdlet.
B. Run theNew-ManagementRoleAssignmentcmc] e:
C. Run setup.exe and specify the/PrepareDoma/nparameter.
D. Run setup.exe and specify the/prepareADparameter.

Correct Answer: B
Explanation:
https://technet.microsoft.com/en-us/library/dd335193(v=exchg.160).aspx

QUESTION 6
HOTSPOT
You need to meet the compliance requirements for the creation of new mailboxes after the planned upgrade.

What command should you run?

To answer, select the appropriate options in the answer area.

Answer Area

▽		▽		▽
New-Mailbox		-AdminAuditLogCmdlets		-"Mailbox"
Set-AdminAuditLogConfig		-AuditEnabled		-"New-Mailbox"
Set-Mailbox		-AuditOwner		$True

Correct Answer:

Answer Area

▽		▽		▽
New-Mailbox		-AdminAuditLogCmdlets		-"Mailbox"
Set-AdminAuditLogConfig		-AuditEnabled		-"New-Mailbox"
Set-Mailbox		-AuditOwner		$True

QUESTION 7
DRAG DROP
You need to recommend which actions must be performed to upgrade the organization to Exchange Server 2016. The solution must meet the availability requirements.

Which five actions should you recommend be performed in sequence?

To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

Install Exchange Server 2016 on EX4 and EX5.

Add EX1, EX2, and EX3 to DAG2.

Add EX4 and EX5 to DAG2.

Create a DAG named DAG2.

Add the new servers to DAG2.

Create mailbox database copies on all the members of DAG2.

Move the mailboxes from DAG1 to DAG2.

Install two new servers that have Exchange Server 2016 installed.

Answer Area

Correct Answer:

Actions

Install Exchange Server 2016 on EX4 and EX5.

Add EX1, EX2, and EX3 to DAG2.

Add EX4 and EX5 to DAG2.

Create a DAG named DAG2.

Add the new servers to DAG2.

Create mailbox database copies on all the members of DAG2.

Move the mailboxes from DAG1 to DAG2.

Install two new servers that have Exchange Server 2016 installed.

Answer Area

Install two new servers that have Exchange Server 2016 installed.

Create a DAG named DAG2.

Add the new servers to DAG2.

Create mailbox database copies on all the members of DAG2.

Move the mailboxes from DAG1 to DAG2.