vce trainer



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MS-200

MS-200

Planning and Configuring a Messaging Platform

Version 4.0

Score: 800/1000

Version:

Time Limit: 120 Minutes

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Manage Modern Messaging Infrastructure

(36 questions)

Question 1

HOTSPOT

Your network contains the subnets shown in the following table.

Office	Subnet
London	172.16.0.0/16
Prague	172.17.0.0/16
Moscow	172.18.0.0/16
New York	172.19.0.0/16

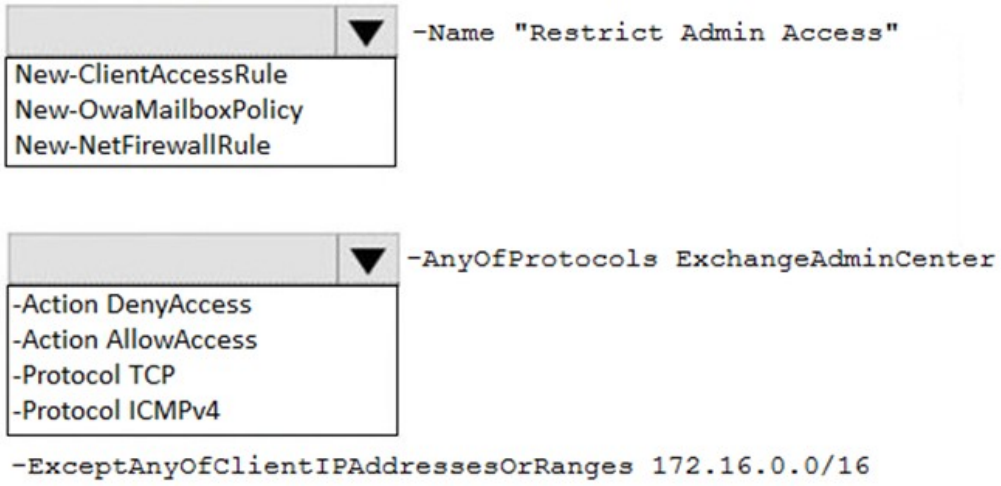
You have a Microsoft Exchange Server 2019 organization.

You need to prevent users in the London office from accessing the Exchange admin center (EAC).

How should you complete the command? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area



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Question 2

DRAG DROP

You have a Microsoft Exchange Server 2019 organization that contains two Mailbox servers as shown in the following table.

Name	Database
EX01	MailDB1
EX02	MailDB2

EX01 fails. You do not know how long it will take to recover EX01.

You need to provide all affected users with the ability to send and receive email as quickly as possible.

How should you complete the PowerShell script? To answer, drag the appropriate values to the correct targets. Each value 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.

Values

- New-MoveRequest
- New-MailboxDatabase
- New-MailboxRestoreRequest
- Set-Mailbox
- Mount-Database

Answer Area

```
[ ]                                  -Name DTDB1 -Server EX02
Get-Mailbox -Database MailDB1 | [ ]  -Database DTDB1
[ ]                                  -Identity DTDB1
```


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Question 3

You have a Microsoft Exchange Server 2013 organization that has the following configurations:

The forest functional level if Active Directory is Windows Server 2008 R2.
The domain controllers in Active Directory run Windows Server 2012 R2.
The Exchange servers run Windows Server 2012 Datacenter.

You plan to upgrade the organization to Exchange Server 2019.

You need to ensure that the organization meets the minimum supported requirements for the upgrade.

What should you do?

- ☐ Upgrade the Exchange servers to Windows Server 2019.
- ☐ Raise the forest functional level to Windows Server 2012 R2.
- ☐ Upgrade the Exchange servers to Windows Server 2016.
- ☐ Upgrade the domain controllers to Windows Server 2016.

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Question 4

Your network contains an Active Directory forest. The forest contains two domains named litware.com and exchange.litware.com and a Microsoft Exchange Server 2019 organization.

The relevant servers are configured as shown in the following table.

Name	Operating system	Domain	Platform	Configuration
Server01	Windows Server 2019	Exchange.litware.com	Physical	Domain controller
Server02	Windows Server 2019	Litware.com	Physical	Member server
Server03	Windows Server 2016	Exchange.litware.com	Physical	Member server
Server04	Windows Server 2019	Exchange.litware.com	Virtual	Member server
EX01	Windows Server 2019	Exchange.litware.com	Physical	Member server
EX02	Windows Server 2019	Exchange.litware.com	Physical	Member server

EX01 and EX02 have Exchange Server 2019 installed and are in a database availability group (DAG) named DAG01.

You need to add in additional server to DAG01.

Which server should you add?

- ☐ Server01
- ☐ Server02
- ☐ Server03
- ☐ Server04

Question 5

You deploy a Microsoft Exchange server named EX01.

Users report that they cannot access Outlook on the web by using a URL of https://EX01.

You need to ensure that the users can reach their mailbox when they go to https://EX01 in their web browser.

What should you do?

- ☐ Install the WebDav Publishing role service.
- ☐ Enable Require SSL for the OWA virtual directory.
- ☐ Configure HTTP Redirection for the default website.
- ☐ Clear HTTP Redirection for the OWA virtual directory.

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Question 6

You have a Microsoft Exchange Server 2019 organization that contains multiple servers. The Exchange organization contains a server named EX01. EX01 contains a mailbox database that uses 200 GB of disk space.

You run the following commands on EX01.

```
Get-Mailbox -MailboxDatabase DB01 | New-MoveRequest -TargetDatabase 'DB02'

Remove-MailboxDatabase -Identity DB01
```

You need to reclaim the available disk space on EX01.

- ☐ From Exchange Management Shell, run the Remove-MigrationBatch cmdlet and specify the Force parameter.
- ☐ From a command prompt, run the eseutil.exe /R EX01 command.
- ☐ From Exchange Management Shell, run the Remove-Item cmdlet and specify the Path parameter.
- ☐ From Exchange Management Shell, run the Remove-StoreMailbox cmdlet.

Question 7

You are deploying Microsoft Exchange Server 2019.

You plan to test the performance of the MetaCache Database (MCDB).

You deploy a new Exchange Server 2019 server that has the following configurations:

Four quad-core Xeon processors
One 1-Gpbs network adapter
Four 1-TB hard disk drives (HDDs)
256 GB of memory

What should you do to support the MCDB?

- ☐ Add four additional processors
- ☐ Replace the 1-Gbps network adapter with a 10-Gbps network adapter
- ☐ Add an additional 256 GB of memory
- ☐ Add two solid-state drives (SSDs)

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Question 8

You are deploying Microsoft Exchange Server 2019 to two data centers.

You need to protect all mailbox content against database corruption. The solution must minimize the recovery time objective (RTO) and the recovery point objective (RPO).

What is the best way to achieve the goal? More than one answer choice may achieve the goal. Select the BEST answer.

- ☐ a recovery database
- ☐ a lagged database copy
- ☐ PST files
- ☐ a dial tone restore

Question 9

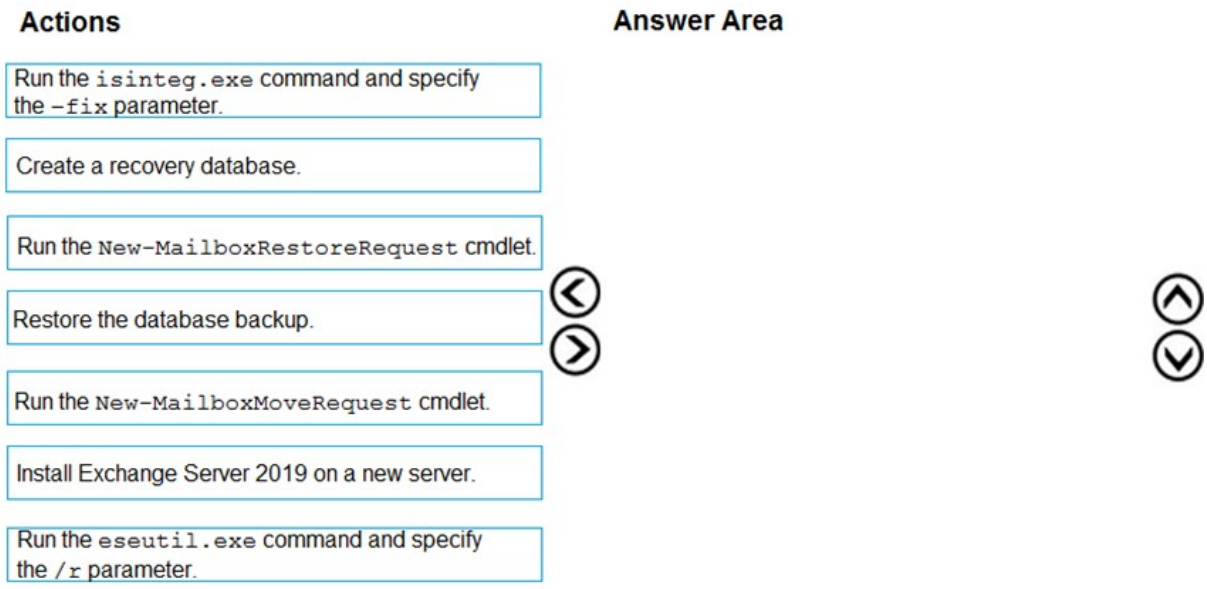
DRAG DROP

You have a Microsoft Exchange Server 2019 organization that contains a Mailbox server named MBX01.

You back up MBX01 by using Windows Server Backup.

You need to recover a deleted mailbox. The solution must minimize the impact on other mailboxes.

Which four 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.



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Question 10

You are deploying a new Microsoft Exchange Server 2019 organization.

You plan to create a database availability group (DAG) that will contain four Mailbox servers and a witness server named FS01. FS01 is a file server.

You attempt to provision the DAG by running the following command.

New-DatabaseAvailabilityGroup –Name DAG1-WitnessServer FS01
–WitnessDirectory C: \DAG1
–DatabaseAvailabilityGroupIPAddresses 10.0.0.10

The command fails.

You need to ensure that you can provision the DAG.

What should you do?

- ☐ Run the Set-DatabaseAvailabilityGroup –AutoDagTotalNumberOfServers 5 command.
- ☐ Add the Server Management group in Active Directory to the local Administrators group on FS01.
- ☐ Run the Set-DatabaseAvailabilityGroup –AutoDagAutoReseedEnabled $false command.
- ☐ Add the Exchange Trusted Subsystem group in Active Directory to the local Administrators group on FS01.

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Question 11

HOTSPOT

You have a Microsoft Exchange Server 2019 organization.

The recovery options for a user named User1 are configured as shown in the following exhibit.

```
[PS] C:\Windows\system32>Get-Mailbox User1 | #1 RetainDeletedItemsFor,
RetainDeletedItemsUntilBackup,SingleItemRecovery
Enabled, Database

RetainDeletedItemsFor                : 14.00:00:00
RetainDeletedItemsUntilBackup        : False
SingleItemRecoveryEnabled            : False
Database                             : MD801

[PS] C:\Windows\system32>Get-MailboxDatabase MD801 | f1 DeletedItemRetention,
RetainDeletedItemsUntilBackup

DeletedItemRetention                 : 30.00:00:00
RetainDeletedItemsUntilBackup        : False
```

Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.

NOTE: Each correct selection is worth one point.

Answer Area

Email messages that are soft deleted by User1 will be available for the user to recover **[answer choice]**.

- for 14 days
- for 30 days
- until a backup occurs 14 days after the deletion
- until a backup occurs 30 days after the deletion

When email messages are hard deleted by User1, **[answer choice]** restoring from a backup.

- only an administrator can recover the messages without
- an administrator or User1 can recover the messages without
- the messages can be recovered only by

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Question 12

HOTSPOT

Your company has a Microsoft Exchange Server 2019 hybrid deployment.

Users in the company's accounting department have on-premises mailboxes. Users in the company's sales department have mailboxes in Exchange Online.

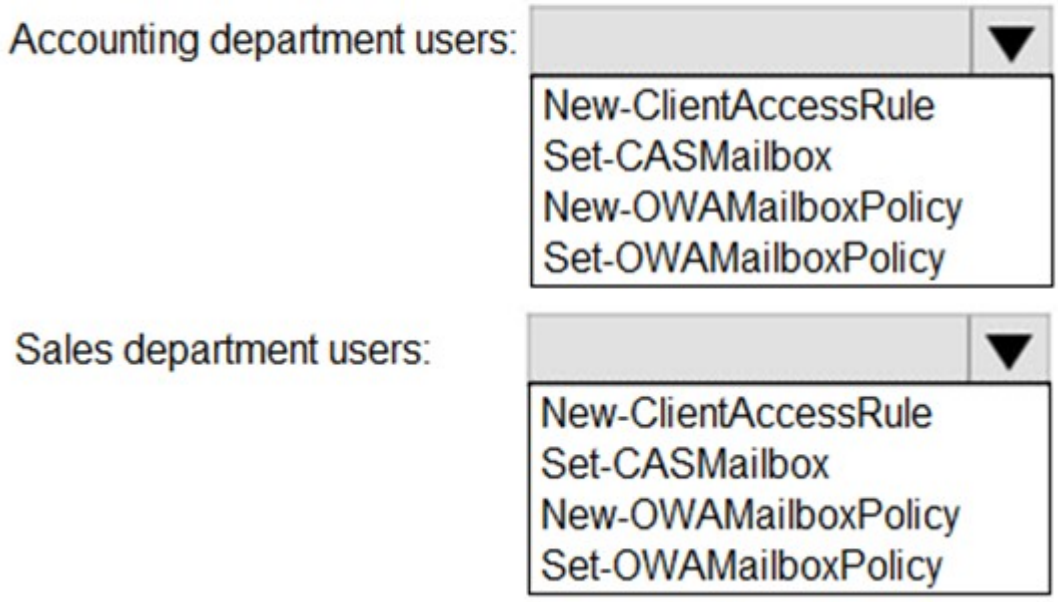
You need to configure Outlook on the web to meet the following requirements:

The accounting department users must be prevented from using Outlook on the web.
The sales department users must be prevented from using Outlook on the web from the Internet.
The accounting and sales department users must be able to use Outlook Anywhere and Exchange ActiveSync.

Which cmdlet should you run for the users in each department? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area



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Question 13

DRAG DROP

You have a Microsoft Exchange 2019 server that contains a mailbox database named DB01. DB01 is located on a drive named E. The transaction log files for DB01 are located on a drive named F.

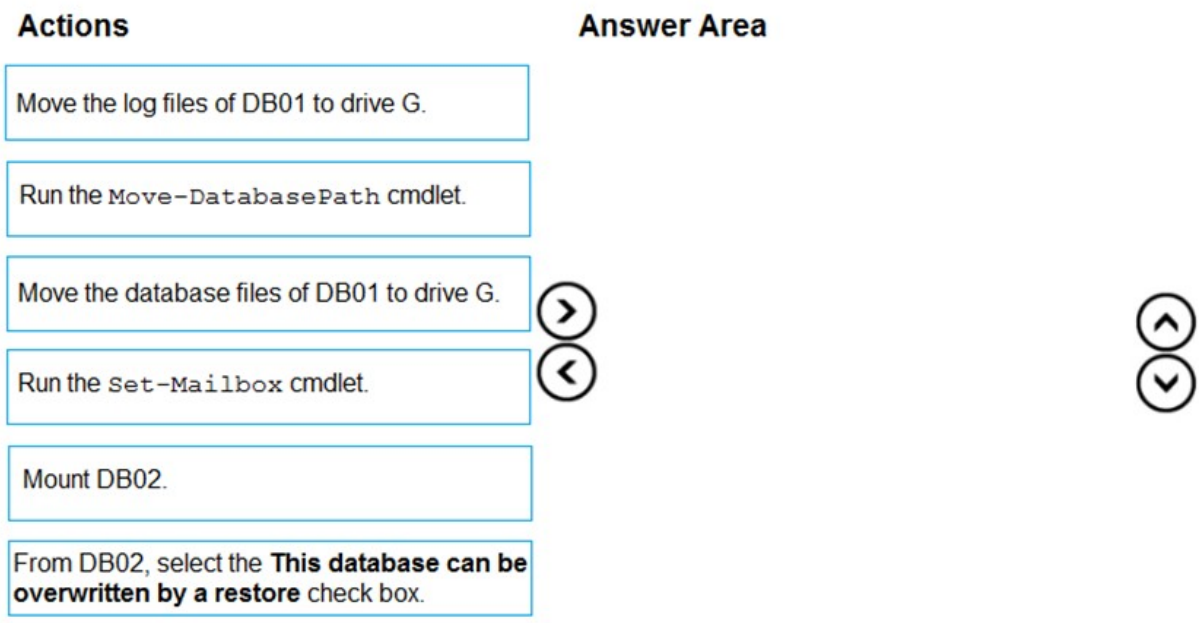
You receive several disk alerts for drive E and suspect that the drive is failing.

You dismount DB01 and verify that the database is in a clean shutdown state.

You create a new mailbox database named DB02 on a drive named G.

You need to ensure that users can connect to their mailbox as quickly as possible.

Which four 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.



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Question 14

You have a Microsoft Exchange Server 2019 organization.

You perform a Server Core installation of Windows Server 2019 on a server named EX05.

You need to deploy Exchange Server 2019 to EX05.

Which two components should you install before you can install Exchange Server 2019 on EX05? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- ☐ Visual C++ Redistributable package for Microsoft Visual Studio 2013
- ☐ Microsoft Office Filter Pack
- ☐ Microsoft Report Viewer 2015 Runtime
- ☐ Windows Identity Foundation
- ☐ Unified Communications Managed API 4.0 Runtime

Question 15

You plan to deploy Microsoft Exchange Server 2019.

You need to verify whether the Active Directory environment is prepared for the deployment.

What are two methods to verify whether the Active Directory environment is prepared? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- ☐ Use ADSI Edit.
- ☐ Run the Get-ExchangeServer cmdlet.
- ☐ Review the Exchange.Setup log.
- ☐ Run the Get-ADForest cmdlet.
- ☐ Run the dcdiag.exe command.

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Question 16

HOTSPOT

Your network contains an Active Directory forest named contoso.com. The forest contains five domains.

You plan to deploy Microsoft Exchange Server 2019.

You have the administrative accounts shown in the following table.

Name	Member of
Admin1	Enterprise Admins, Schema Admins
Admin2	Enterprise Admins
Admin3	Schema Admins
Admin4	Domain Admins

You need to prepare the forest for Exchange Server 2019.

Which user accounts can you use to perform each task? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Extend the Active Directory schema:

- Admin1 only
- Admin1 and Admin2 only
- Admin1 and Admin3 only
- Admin1 and Admin2, and Admin3 only
- Admin1, Admin2, Admin3, and Admin4

Prepare the Active Directory forest:

- Admin1 only
- Admin1 and Admin2 only
- Admin1 and Admin3 only
- Admin1 and Admin2, and Admin3 only
- Admin1, Admin2, Admin3, and Admin4

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Question 17

HOTSPOT

Your network contains an Active Directory forest. The forest contains the servers in the following table.

Name	Configuration	Domain	Site
DC01	Domain controller (schema master)	Litware.com	SiteA
EX01	Microsoft Exchange server	Litware.com	SiteA
DC02	Domain controller	Litware.com	SiteB
DC03	Domain controller (domain naming operations master)	Corp.litware.com	SiteB
EX02	Microsoft Exchange server	Corp.litware.com	SiteB
DC04	Domain controller	Dmz.litware.com	SiteC

The dmz.litware.com domain contains mail-enabled user accounts but does not contain any Exchange servers.

You plan to replace the existing Exchange servers with new servers that have Exchange Server 2019 installed.

You need to extend the schema and prepare the Active Directory domains.

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

NOTE: Each correct selection is worth one point.

Answer Area

Run `setup /PrepareSchema` on:

- EX01
- DC02
- DC03
- DC04

Domains in which you must run `setup /PrepareDomain` after running `setup /PrepareAD`:

- Litware.com only
- Corp.litware.com only
- Corp.litware.com and dmz.litware.com only
- Litware.com corp.litware.com and dmz.litware.com

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Question 18

DRAG DROP

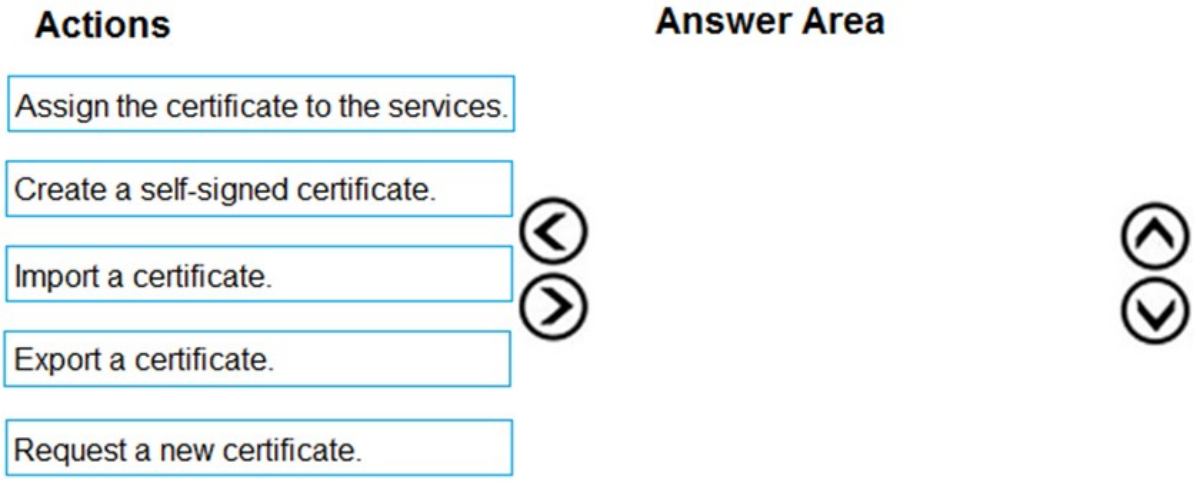
You have a Microsoft Exchange Server 2016 organization.

Users access their email by using a URL of https://mail.contoso.com.

You are installing a new Exchange Server 2019 Mailbox server to replace an existing Exchange Server 2016 server.

You need to secure all the Exchange services by using a certificate. The solution must minimize warnings on client computers.

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.



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Question 19

HOTSPOT

You have a Microsoft Exchange Server 2019 organization.

You are configuring backups of a server that has a single mailbox database named MDB01. The database file is in a folder named MDB01 on drive E, and the log files that are in a folder named MDB01 on drive F.

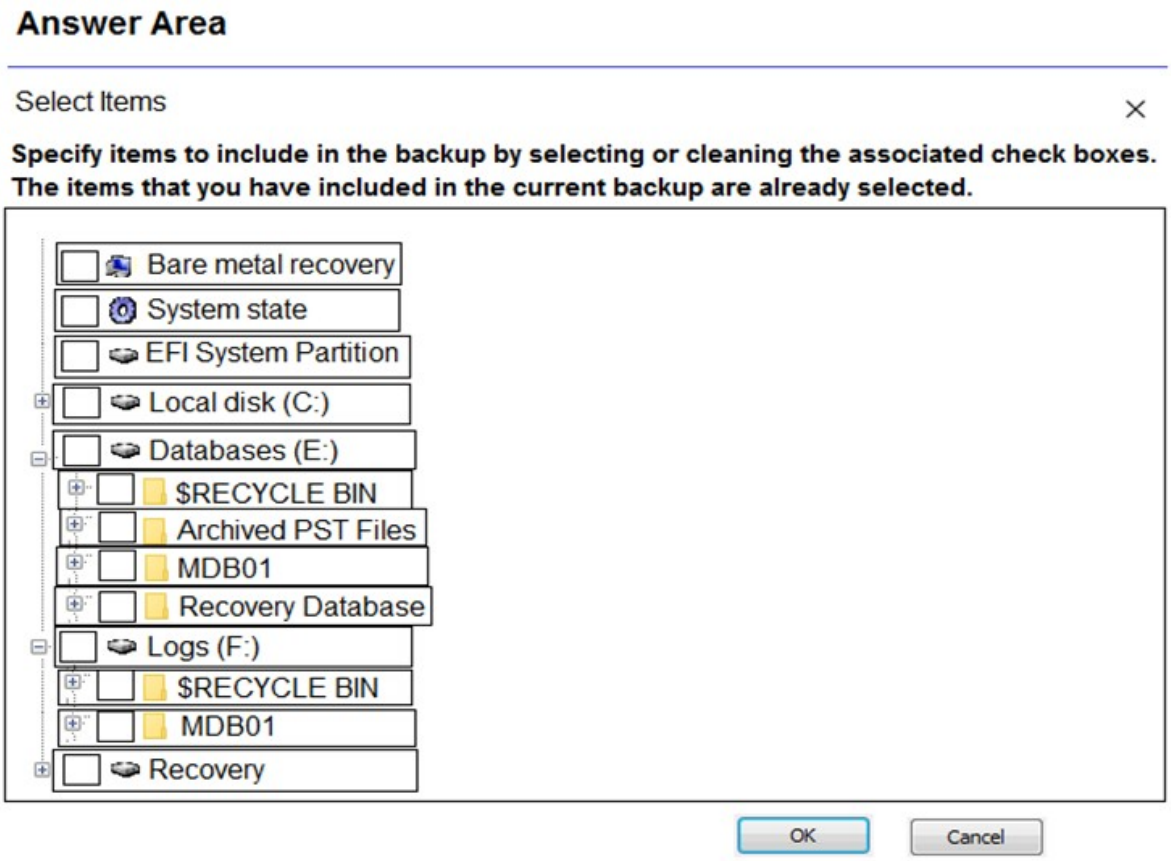
You need to back up the server to meet the following requirements:

Ensure that all the logs truncate automatically after a backup
Ensure that all the logs replay automatically when restored
Minimize the amount of storage used for the backups.

Which two items should you select for the backups? To answer, select the appropriate items in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area



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Question 20

HOTSPOT

Your network contains an Active Directory forest. The forest contains a single domain named contoso.com.

The forest contains a Microsoft Exchange Server 2019 organization and the sites shown in the following table.

Active Directory site	Domain controller	Mailbox server	Subnet
Paris	DC1	EX1, EX2	172.16.2.0/24
Rome	DC2	EX3, EX4	172.16.3.0/23
London	DC3	EX5, EX6	172.16.4.0/23
Seattle	DC4	EX7, EX8	172.16.0.0/24

You run the Get-ClientAccessRule cmdlet and you receive the following output:

```
RunspaceId                          : 3be90cf5-e9c3-4623-a3ed-d4d7e253dc93
Priority                            : 1
Enabled                             : True
Action                              : AllowAccess
ExceptAnyOfClientIPAddressesOrRanges : {}
AnyOfProtocols                      : {RemotePowerShell}
Scope                               : All
ExchangeVersion                     : 0.20 (15.0.0.0)
Name                                : CARInternal
DistinguishedName                   : CN=CARInternal,CN=Client Access Rules,CN=Contoso,CN=Microsoft
                                      Exchange,CN=Services,CN=Configuration,DC=hybriddemo,DC=cloud
Identity                            : CARInternal
Guid                                : 3b5c7619-0f0c-4f8e-8093-d5ef9feb5e01
ObjectCategory                      : hybriddemo.cloud/Configuration/Schema/ms-Exch-Client-Access-Rule
ObjectClass                         : {top, msExchClientAccessRule}
IsValid                             : True
ObjectState                         : Changed

RunspaceId                          : 3be90cf5-e9c3-4623-a3ed-d4d7e253dc93
Priority                            : 2
Enabled                             : True
Action                              : DenyAccess
ExceptAnyOfClientIPAddressesOrRanges : {172.16.0.0/24}
AnyOfProtocols                      : {ExchangeAdminCenter}
Scope                               : All
ExchangeVersion                     : 0.20 (15.0.0.0)
Name                                : NoSync
DistinguishedName                   : CN=NoSync,CN=Client Access Rules,CN=Contoso,CN=Microsoft
                                      Exchange,CN=Services,CN=Configuration,DC=hybriddemo,DC=cloud
Identity                            : NoSync
Guid                                : ff1347ee-5eb2-40c3-b495-90a9cf02e932
ObjectCategory                      : hybriddemo.cloud/Configuration/Schema/ms-Exch-Client-Access-Rule
ObjectClass                         : {top, msExchClientAccessRule}
IsValid                             : True
ObjectState                         : Changed
```

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

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Answer Area

Statements	Yes	No
Administrators in the Paris site can create mailboxes by running the `New-Mailbox` cmdlet.	○	○
Administrators in the Paris site can create new mailboxes by using the Exchange admin center.	○	○
Administrators in the London site can create new mailboxes by using the Exchange admin center	○	○

Question 21

You have a Microsoft Exchange Server 2019 organization.

You have a database availability group (DAG) that contains the members and databases shown in the following table.

DAG member	Database
EX01	Mail1 (active), Mail2, Mail3
EX02	Mail2 (active), Mail3, Mail4
EX03	Mail3 (active), Mail4, Mail5
EX04	Mail4 (active), Mail5, Mail1

EX01 fails and cannot be repaired within an acceptable timeframe.

You plan to replace EX01 with a new DAG member named EX05. EX05 will host the same databases as EX01.

What should you do first?

- ☐ Reseed Mail1 on EX02.
- ☐ Remove EX01 from the DAG.
- ☐ Suspend the replication of Mail1, Mail2, and Mail3 on EX01.
- ☐ Remove Mail1, Mail2, and Mail3 from EX01.

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Question 22

Your company has a main office and 20 remote offices.

The network contains an Active Directory forest. The forest contains domain controllers that run Windows Server 2012 R2. The forest functional level is Windows Server 2008 R2.

The company has a Microsoft Exchange Server organization. Most servers have Exchange Server 2013 installed. Three servers in the remote offices have Exchange Server 2010 installed.

One quarter of users have voicemail provided by Unified Messaging (UM).

You need to deploy an Exchange Server 2019 database availability group (DAG) to the main office.

Which two actions should you perform to prepare the organization for the DAG deployment? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- ☐ Disable UM for all the users.
- ☐ Upgrade all the domain controllers to Windows Server 2019.
- ☐ Create a new Active Directory site for the main office.
- ☐ Raise the forest functional level to Windows Server 2012 R2.
- ☐ Upgrade the remaining Exchange Server 2010 servers to Exchange Server 2013.

Question 23

HOTSPOT

You have a Microsoft Exchange Server 2019 organization that contains a database availability group (DAG) named DAG1.

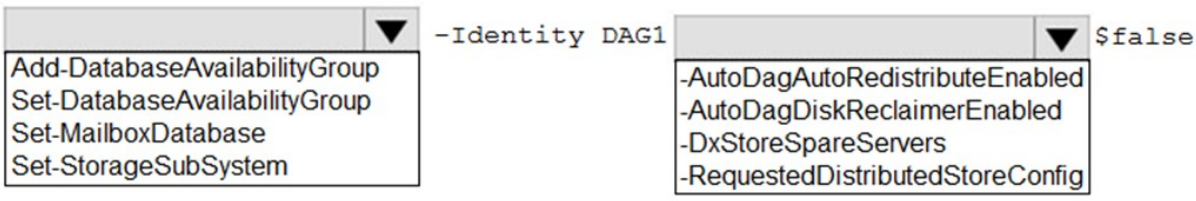
DAG1 is configured for automatic reseeding.

Hardware errors are detected on the spare disks used for reseeding.

You need to prevent the spare disks from being reformatted until the disks are replaced.

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

Answer Area



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Question 24

HOTSPOT

You have a Microsoft Exchange Server 2019 organization that contains a Mailbox server named EX01. EX01 contains a mailbox database named MailDB01.

You attach a new hard drive named F to EX01. On drive F, you create a folder named Databases.

You plan to run the following command on EX01.

Move-DatabasePath –Identity MailDB01 –EdbFilePath F:\Databases\MailDB1.edb –ConfigurationOnly $false

What is the effect of running the command? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

The command will:
- complete successfully but disconnect users
- complete without disconnecting any users
- only run during a maintenance schedule

If MailDB1 was mounted before running the command, the database:
- will mount automatically
- must be mounted manually
- must be repaired before the database can be mounted

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Question 25

Your company has two data centers in Berlin and one data center in Toronto. Each data center contains two Microsoft Exchange Server 2019 servers.

You have a database availability group (DAG) that contains all the Exchange servers. Each server contains a copy of all the mailbox databases. Datacenter Activation Coordination (DAC) mode is enabled for the DAG.

A power failure causes both data centers in Berlin to become unavailable.

You need to ensure that users can access their mailbox as quickly as possible.

Which two cmdlets should you run? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- ☐ Stop-DatabaseAvailabilityGroup
- ☐ Restore-DatabaseAvailabilityGroup
- ☐ Remove-DatabaseAvailabilityGroupServer
- ☐ Suspend-MailboxDatabaseCopy
- ☐ Start-DatabaseAvailabilityGroup

Question 26

You have a Microsoft Exchange Server 2019 organization that contains four Mailbox servers and one Edge Transport server. The organization supports hundreds of remote users.

You need to block offline access to Outlook on the web for all the users.

What should you do?

- ☐ Run the Set-OWMailboxPolicy cmdlet and specify the
- ☐ –ExplicitLogonEnabled $true parameter
- ☐ Run the Set-OWMailboxPolicy cmdlet and specify the
- ☐ –AllowOfflineOn NoComputers parameter
- ☐ On the Edge Transport server, run the Set-OwaVirtualDirectory cmdlet and specify the –AllowOfflineOn NoComputers parameter.
- ☐ On each Mailbox server, run the Set-OwaVirtualDirectory cmdlet and specify the
- ☐ –ExternalURLs $null parameter.

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Question 27

DRAG DROP

You have data centers in Seattle and Montreal. Each data center has its own Active Directory site.

You deploy Microsoft Exchange Server 2019 to a database availability group (DAG) named DAG01. DAG01 spans both data centers.

Each data center contains two Mailbox servers that have Datacenter Activation Coordination (DAC) mode enabled.

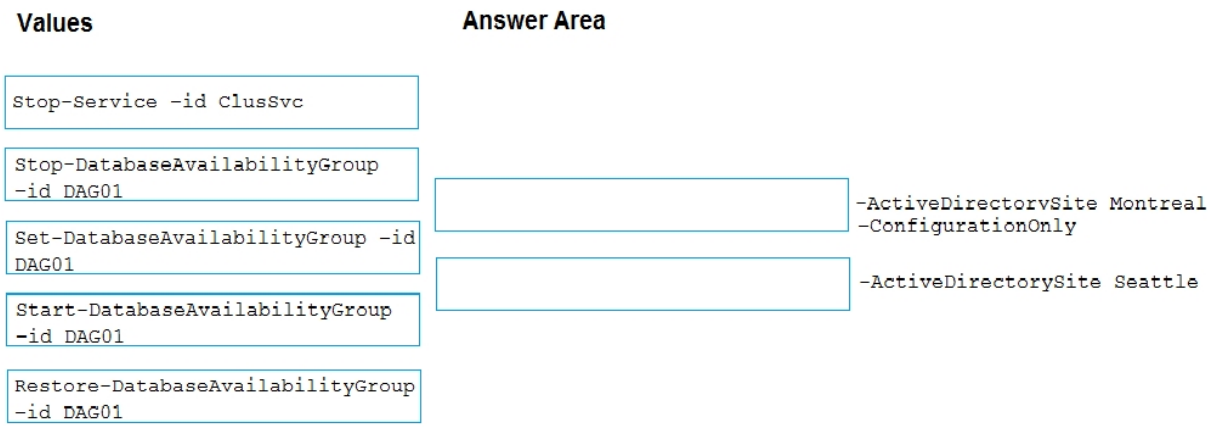
A WAN outage prevents communication between the Montreal and Seattle data centers. The outage will last several days.

You stop the cluster service on the Mailbox servers in the Seattle data center, and you stop the DAG in the Montreal data center.

You need to switch all the Exchange operations to the Seattle data center for a weekend.

How should you complete the PowerShell script? To answer, drag the appropriate values to the correct targets. Each value 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.



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Question 28

You are deploying Microsoft Exchange Server 2019 to two data centers in Paris and London. The Paris data center contains a file server named PAR-FILE01 and three Mailbox servers named PAR-MBX01, PAR-MBX02 and PAR-MBX03. The London data center contains a file server named LON-FILE01 and three Mailbox servers named LON-MBX01, LON-MBX02, and LON-MBX03.

You create a database availability group (DAG) that contains all six Mailbox servers and has PAR-FILE01 as a primary witness.

You need to set LON-FILE01 as the alternate witness.

Which cmdlet should you run?

- ☐ New-DatabaseAvailabilityGroupNetwork
- ☐ Set-MailboxDatabaseCopy
- ☐ Set-DatabaseAvailabilityGroupNetwork
- ☐ Set-DatabaseAvailabilityGroup
- ☐ Add-DatabaseAvailabilityGroupServer

Question 29

Your company has offices in Montreal and Seattle. Each office has 2,000 users.

You are designing a Microsoft Exchange Server 2019 organization that will span both offices.

You need to recommend a high-availability solution for mailbox databases. The solution must ensure that high availability is maintained if a single site fails.

Which recommendation best meets the requirements? More than one answer choice may achieve the goal.

- ☐ Deploy one database availability group (DAG) that has one node in each office
- ☐ Deploy a Mailbox server to a Hyper-V host and use Hyper-V replication
- ☐ In each office, deploy one database availability group (DAG) that has two nodes
- ☐ Deploy one database availability group (DAG) that has two nodes in each office

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Question 30

HOTSPOT

You have a Microsoft Exchange Server organization that contains the servers shown in the following table.

Name	Office
EX01	London
EX02	Seattle

Users access their email by using Outlook on the web.

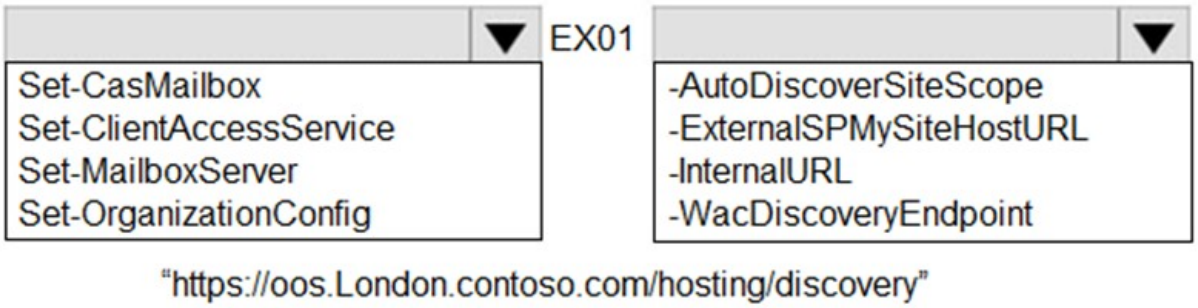
You install Office Online Server in the London and Seattle offices.

You need to ensure that users can view Microsoft Office attachments within Outlook on the web without downloading the attachments. The solution must ensure that the users can open the attachments by using the nearest server that runs Office Online Server.

How should you complete the command? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area



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Question 31

HOTSPOT

You have a Microsoft Exchange Server 2019 organization named litwareinc.com.

The organization publishes Exchange services by using a namespace of mail.litwareinc.com.

You deploy a new server named EX10 to the organization.

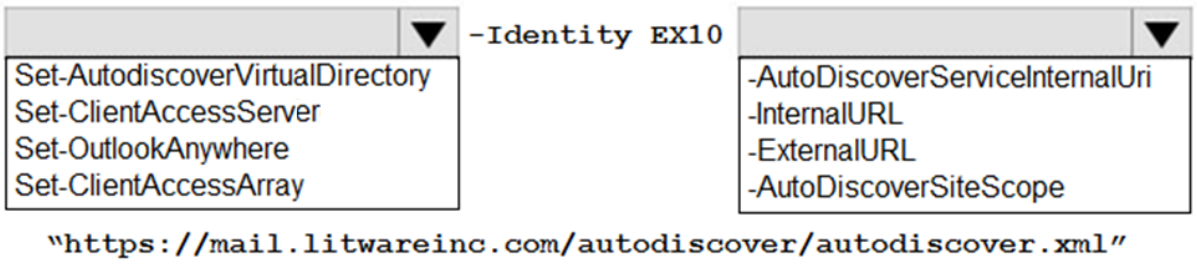
User reports that sometimes they receive warnings about certificate errors when they connect to their mailbox. The warning message reference is ex10.litwareinc.com.

You need to resolve the issue.

How should you complete the command? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area



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Question 32

HOTSPOT

You have three Microsoft Exchange Server 2019 servers named MBX01, MBX02, and MBX03 in a database availability group (DAG) named DAG01. You have a single mailbox database named MDB01 that replicates to all the servers.

All users report that mailbox searches from Outlook on the web return no results.

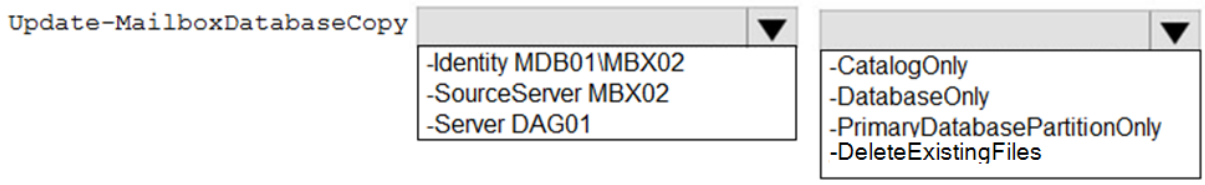
You discover that the mailbox content index on MBX02 has failed.

You need to ensure that all the users can search mailboxes successfully by using Outlook on the web. The solution must resolve the issue as quickly as possible.

How should you complete the command? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area



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Question 33

You have a Microsoft Exchange Server 2019 organization.

You have a database availability group (DAG) that contains the members and databases shown in the following table.

DAG member	Database
EX01	Mail1 (active), Mail2, Mail3
EX02	Mail2 (active), Mail3, Mail4
EX03	Mail3 (active), Mail4, Mail5
EX04	Mail4 (active), Mail5, Mail1

EX01 fails.

All users report that they can access their email normally.

You resolve the issue on EX01.

You need to return the DAG to its original configuration as quickly as possible.

What should you do?

- ☐ Resume the replication of Mail1, Mail2, and Mail3 on EX01
- ☐ Reseed Mail1 on EX01
- ☐ Activate a copy of Mail1 on EX01
- ☐ Suspend database copy operations on Mail1, Mail2, and Mail3

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Question 34

You have a Microsoft Exchange Server 2019 organization that has a database availability group (DAG). The DAG contains the servers shown in the following table.

Name	Configuration
Exch01	Mailbox server
Exch02	Mailbox server
Exch03	Mailbox server
File01	Witness server

You install a new server named File02 that runs Windows Server 2019.

You attempt to add File02 as an alternate witness server, and you receive the following error messages:

```
Error: An error occurred during discovery of the database availability group topology. Error: An error
occurred while attempting a cluster operation.
Error: Cluster API "AddClusterNode() (MaxPercentage=12) failed with 0x80070005, Error: Access is denied."
```

You need to ensure that you can configure File02 successfully as the alternate witness server.

What should you do on File02?

- ☐ Create an inbound firewall rule
- ☐ Add a member to the Administrators group.
- ☐ Enable PowerShell remoting.
- ☐ Create a shared folder.

Question 35

You have a Microsoft Exchange Server 2019 database availability group (DAG) named DAG1. DAG1 contains a Mailbox server named EX01.

EX01 fails and must be replaced.

You plan to recover EX01 to a new server.

You deploy Windows Server 2019 to a new server that has identical hardware as EX01.

You need to restore EX01 to the new server.

What should you do before you restore EX01?

- ☐ Join EX01 to the domain.
- ☐ Reset the computer account of EX01.
- ☐ Create a new computer account for EX01.
- ☐ Rename the computer account of EX01.
- ☐ Register a service principal name (SPN).

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Question 36

Your network contains two Active Directory sites named Site1 and Site2.

You deploy a new Microsoft Exchange Server 2019 organization that contains a Mailbox server in each site.

You need to configure the organization to use a single namespace for Autodiscover.

What should you do?

- ☐ Create an SRV record named AutoDiscover.
- ☐ Create a TXT record named AutoDiscover.
- ☐ Run the Set-ClientAccessService cmdlet.
- ☐ Run the Set-AutodiscoverVirtualDirectory cmdlet.

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Case Study (4 questions)

Case Study
This is a case study. Case studies are not timed separately. You can use as much exam time as you would like to complete each case. However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

To answer the questions included in a case study, you will need to reference information that is provided in the case study. Case studies might contain exhibits and other resources that provide more information about the scenario that is described in the case study. Each question is independent of the other question on this case study.

At the end of this case study, a review screen will appear. This screen allows you to review your answers and to make changes before you move to the next sections of the exam. After you begin a new section, you cannot return to this section.

To start the case study
To display the first question on this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. If the case study has an All Information tab, note that the information displayed is identical to the information displayed on the subsequent tabs. When you are ready to answer a question, click the Question button to return to the question.
General Overview

Litware, Inc. is an international manufacturing company that has 3,000 employees. The company has sales, marketing, research, and human resources (HR) departments. The company is subject to regulatory compliance.

Physical Locations

Litware has a main office in New York and two branch offices in London and Paris.

All offices connect to each other by using a WAN link. The offices can only communicate with each other by using a point-to-point connection. Each office also connects directly to the Internet.

Active Directory

The network contains an Active Directory forest named litware.com. The forest contains a single domain. All domain controllers run Windows Server 2019.

Each office contains three domain controllers. Each office is configured as an Active Directory site.

Microsoft Exchange Server

Litware recently upgraded its entire messaging organization from Exchange Server 2013 to Exchange Server 2019. The organization now contains the servers shown in the following table.

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Name	Location	Exchange version
EX01	Paris	2019
EX02	London	2019
EX03	New York	2019
EX04	New York	2019
EX05	London	2019
EX06	London	2019
EX07	London	2016

No changes were made to the organization's configuration during the transition from Exchange Server 2013 and 2019.

The organization has a database availability group (DAG) that has the following configurations.

```
Name                                    : DAG15
Servers                                 : {EX03, EX04, EX05, EX06}
WitnessServer                           : ex01.litware.com
WitnessDirectory                        : C:\DAG15
AlternateWitnessServer                  : ex02.litware.com
AlternateWitnessDirectory               : C:\DAGFSW\DAG15.litware.com
ManualDagNetworkConfiguration           : False
DatacenterActivationMode                : Off
StoppedMailboxServers                   : {}
StartedMailboxServers                   : {}
DatabaseAvailabilityGroupIpv4Addresses : {192.168.1.116, 192.168.2.215}
DatabaseAvailabilityGroupIpAddresses    : {192.168.1.116, 192.168.2.215}
AllowCrossSiteRpcClientAccess           : False
OperationalServers                      : {EX03, EX04, EX05, EX06}
PrimaryActiveManager                    : EX03
ServersInMaintenance                    : {}
ServersInDeferredRecovery               : {}
NetworkNames                            : {MapiDagNetwork, ReplDagNetwork}
WitnessShareInUse                       : Primary
```

Litware standardizes mobile device access by using the iOS platform, the native Apple mail client, and Exchange ActiveSync.

The Exchange organization has the following Send connectors.

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```
Identity                  : fabrikam.com
Name                      : fabrikam.com
AddressSpace              : {SMTP: fabrikam.com;100}
SourceTransportServers    : {EX01}
IsScopedConnector         : True
IsSmtpConnector           : True
Enabled                   : True

Identity                  : Internet
Name                      : Internet
AddressSpace              : {SMTP| *;1}
SourceTransportServers    : {EX02, EX03}
IsScopedConnector         : False
IsSmtpConnector           : True
Enabled                   : True
```

Business Model

User accounts must be deleted from Active Directory the day after a user's final date of employment.

Business Goals

As often as possible, Litware plans to minimize the legal fees associated with reviewing eDiscovery requests by purging data as quickly as possible.

Planned Changes

Litware plans to implement the following changes to the network.

Use Messaging Records Management (MRM) to archive all mailbox items that are older than one year.
The company announces a new partnership with another company named Fabrikam, Inc. Fabrikam also uses Exchange for email messaging. All the Litware users in the Paris office will be required to receive email by using a fabrikam.com email address and must have this email address applied automatically to their mailbox.
Technical Requirements

Litware identifies the following technical requirements for the messaging environment:

Mobile devices must only sync items from the last 30 days.
All user data must be wiped from a device reported as lost or stolen.
Email items in a folder named Audits must be archived after 30 days.
Users in the sales department must never have the items in their Notes folder archived.
Whenever possible, email messages sent outside the organization must be routed through the Internet connection of the local office.
If a WAN link fails, the high-availability architecture of the messaging environment must give preference to the WAN link in the New York office.
Problem statement

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A user named User2 reports that their mobile device was stolen.

Question 37

After a power failure, some users in the London office whose mailbox databases are hosted on EX07 report that they cannot access email. You need to restore mailbox access for the affected users as quickly as possible.

What should you do?

- ☐ Create a recovery database on another Exchange server, and then restore the database from EX07 to the recovery database
- ☐ On a new server, run setup.exe /Mode:RecoverServer from the Exchange Server 2019 installation media, and then restore a backup of the database
- ☐ On a server in DAG15, create a copy of the mailbox databases hosted on EX07
- ☐ Copy the database files from EX07, and then mount the database on a server in DAG15

Question 38

HOTSPOT

You are evaluating the current configuration of the DAG.

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
If the WAN link between the London and New York offices fails, the mailbox database copies in the New York office will remain mounted.	◯	◯
If the WAN link between the Paris and New York offices fails, the mailbox database copies in the New York office will remain mounted.	◯	◯
If the WAN link between the London and New York offices fails, the mailbox database copies in the London office will remain mounted.	◯	◯

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Question 39

You need to ensure that all the users in the Exchange organization can correct to their mailbox by using MAPI over HTTP.

Which two cmdlets should you run? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- ☐ Set-MapiVirtualDirectory
- ☐ Set-ECPVirtualDirectory
- ☐ Set-OutlookAnywhere
- ☐ Set-CasMailbox
- ☐ Set-OrganizationConfig

Question 40

You need to restore mailbox access for the main office users as quickly as possible.

What should you do?

- ☐ Create a recovery database on another Exchange server, and then restore the database from EX07 to the recovery database.
- ☐ On a server in DAG15, create a copy of the mailbox databases hosted on EX07.
- ☐ Copy the database files from EX07, and then mount the database on a server in DAG15.
- ☐ On a new server, run setup.exe /Mode:RecoverServer from the Exchange Server 2019 installation media and then restore a backup of the database.

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Case Study (4 questions)

Case Study
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Overview

Contoso, Ltd is a company that has retail stores throughout Europe and North America. Contoso has 5,000 employees worldwide.

Contoso has a main office in London. The company has 10 branch offices. In each office, there are 50 managers. There are 100 retail stores in Europe and North America. Each retail store has between five and 20 employees.

Network Infrastructure

Contoso has a data center in each office. All the offices connect to each other by using redundant WAN links. Each office has a high-speed connection to the Internet.

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

All users sign in to their computer by using an Active Directory user account.

Each office contains at least two domain controllers from the contoso.com domain. Each office is configured as an Active Directory site. Each branch office has one site link to the main office.

Planned Changes

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Contoso has a legacy mail application. The company plans to replace the application with a Microsoft Exchange Server 2019 organization.

In Exchange Server 2019, all recipients will have an email address that uses a format of username@contoso.com.

Technical Requirements

Contoso has the following technical requirements:

All mailboxes must be protected by storing one copy in a branch office and another copy in the main office. For the mailboxes in the London office, a copy must be created in a branch office in Birmingham.
All email sent to external recipients must be delivered by using a local connection to the Internet. If the local connection becomes unavailable, the Internet connection in the main office must be used.
All users will connect to their mailbox by using Microsoft Outlook 2019. All client connections must be established to a namespace of mail.contoso.com.
All client connections must be established to a server in the local office, unless that server becomes unavailable.
The mailboxes of managers must be backed up twice daily. All other mailboxes must be backed up once weekly.
All email sent between the users in different offices must be routed through the main office.
Whenever possible, administrative effort must be minimized.
Whenever possible, costs must be minimized.
Disaster Recovery Requirements

Contoso has the following disaster recovery requirements:

All users must be redirected automatically to another Mailbox server if a single Mailbox server fails.
All users must be redirected automatically to another Mailbox server if a single Exchange service fails.
Users who connect to their mailbox by using an Android device must be prevented from using the Outlook app.
Users who connect to their mailbox by using an iOS device must be prevented from using the Outlook app.
Users who connect to their mailbox by using a Windows 10 tablet must be able to use the Outlook app.

Question 41

You need to recommend a solution to meet the technical requirements for the managers.

What should you recommend creating for the mailboxes of the managers?

- ☐ a separate Exchange server
- ☐ a separate mailbox database
- ☐ an audit policy
- ☐ a transport agent

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Question 42

You need to recommend a deployment plan that meets the technical requirements for the mailbox databases.

What should you include in the recommendation?

- ☐ Deploy one Exchange server to the main office and two Exchange servers to each branch office. Create one mailbox database on each server.
- ☐ Deploy 10 Exchange servers to the main office and one Exchange server to each branch office. Create two mailbox databases on each server.
- ☐ Deploy 11 Exchange servers to the main office and one Exchange server to each branch office. Create one mailbox database on each server.
- ☐ Deploy one Exchange server to each office. Create two mailbox databases on each server. Create copies of the databases on another server.

Question 43

You need to recommend a load balancing solution for the client connections that must be created to meet the disaster recovery requirements.

What should you recommend?

- ☐ Deploy a Layer 7 load balancing solution.
- ☐ Deploy a Layer 4 load balancing solution.
- ☐ Implement Network Load Balancing (NLB) on each Exchange server.
- ☐ Implement DNS load balancing for all the Exchange-related DNS records and implement round robin for DNS name resolution.

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Question 44

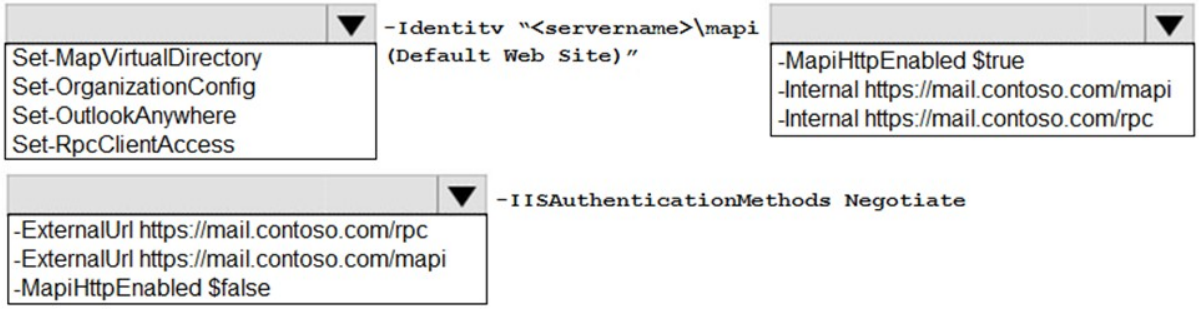
HOTSPOT

You need to configure the virtual directories to meet the technical requirements.

How should you complete the command? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area



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Manage Mail Flow Topology

(36 questions)

Question 45

HOTSPOT

You have a Microsoft Exchange Server 2019 organization.

Active Directory contains the site links shown in the following table.

Site link	Site	Site link cost	Exchange cost
Site1-Site2	Site1 and Site2	10	15
Site1-Site3	Site1 and Site3	25	$null
Site2-Site3	Site2 and Site3	10	$null
Site1-Site4	Site1 and Site4	10	$null

Site1 is configured as a hub site.

You have the Mailbox servers shown in the following table.

Name	Database	Active Directory site membership
EX01	Mail1	Site1
EX02	Mail2	Site2
EX03	Mail3	Site3
EX04	Mail4	Site4

On the Mailbox servers, you have the mailboxes shown in the following table.

Name	Database
User1	Mail1
User2	Mail2
User3	Mail3
User4	Mail4

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

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Statements	Yes	No
When User1 sends an email message to User2, the next hop will be from EX01 to EX02.	◯	◯
When User2 sends an email message to User3, the next hop will be from EX02 to EX03.	◯	◯
When User4 sends an email message to User2, the next hop will be from EX04 to EX02.	◯	◯

Question 46

You have a Microsoft Exchange Server 2019 organization that contains an Edge Transport server named Edge01. Edge01 has 50 transport rules.

You deploy a new Edge Transport server named Edge02.

You need to ensure that Edge01 and Edge02 have the same transport rules.

What should you do?

- ☐ Run the Set-TransportConfig cmdlet
- ☐ Export the Edge Subscription from Edge01 and import the Edge Subscription to Edge 02
- ☐ Create a new subscription for Edge02
- ☐ Run the ExportEdgeConfig.ps1 and ImportEdgeConfig.ps1 PowerShell scripts

Question 47

You have a Microsoft Exchange Server 2019 organization.

A user reports that several email messages were not received. You suspect that the messages were filtered by the Exchange servers.

You need to review the filter that removed the messages.

Which cmdlet should you run?

- ☐ Get-MpThreatDetection
- ☐ Get-AntiSpamFilteringReport.ps1
- ☐ New-AdminAuditLogSearch
- ☐ Get-MailDetailSpamReport

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Question 48

Your network contains an Active Directory domain named contoso.com.

You have a Microsoft Exchange Server 2019 organization for contoso.com that has two Internet-facing servers named EX01 and EX02.

In the public DNS zone, you have two MX records for contoso.com.

You discover that all email sent to the organization is delivered to EX01. However, when EX01 is down for maintenance, email messages are delivered successfully to EX02.

You need to ensure that email is delivered to both EX01 and EX02 during normal operations.

What should you modify?

- ☐ the priority of the MX records
- ☐ the properties of the Receive connector on EX01
- ☐ the properties of the Receive connector on EX02
- ☐ the weight of the MX records

Question 49

You have a Microsoft Exchange Server 2019 Mailbox server named EX01.

You run the command as shown in the following exhibit.

```
PS C:\> Get-TransportService EX01 | fl "tracking"

MessageTrackingLogEnabled                   : True
MessageTrackingLogMaxAge                    : 00:00:00
MessageTrackingLogMaxDirectorySize          : 1000 MB (1,048, 576, 000 bytes)
MessageTrackingLogMaxFileSize               : 10 MB (10, 485, 760 bytes)
MessageTrackingLogPath                      : E:\Logs\MessageTracking
MessageTrackingLogSubjectLoggingEnabled     : True
```

What is the effect of the configuration?

- ☐ The message tracking log files will be retained for 30 days, and then they will be purged.
- ☐ The message tracking log files will be purged immediately.
- ☐ The message tracking log files will be retained until the directory size limit is exceeded.
- ☐ The message tracking log files will be retailed for 365 days, and then they will be purged.

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Question 50

HOTSPOT

Your network contains two Active Directory sites in London and Toronto. The London site contains a Mailbox server named LONEX01. The Toronto site contains a Mailbox server named TOREX01.

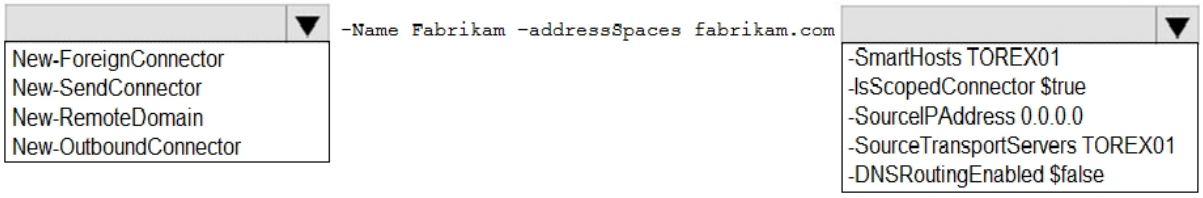
You have a Microsoft Exchange Server 2019 organization that uses a namespace of contoso.com.

You need to ensure that all email sent to an email domain named fabrikam.com flows through the Toronto site.

How should you complete the command? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area



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Question 51

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

Your company has two offices.

The network contains an Active Directory forest. The forest contains two domains. Each office is configured as an Active Directory site.

You need to recommend a plan for the deployment of Microsoft Exchange Server 2019 servers. The plan must ensure that a copy of each sent email message is always retained in a shadow queue.

Solution: Deploy two standalone Exchange servers. Each server will be in a different site. Both servers will be in the same domain.

Does this meet the goal?

- ☐ Yes
- ☐ No

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Question 52

HOTSPOT

You have a Microsoft Exchange Online subscription that uses a namespace of litwareinc.com.

You create a connector in Exchange Online that is configured as shown in the following exhibit.

```
Name                                : Contoso
Enabled                             : True
UseMXRecord                         : True
ConnectorType                       : Partner
RecipientDomains                    : {Contoso.com}
SmartHosts                          : {}
TlsDomain                           : Contoso.com
TlsSettings                         : DomainValidation
IsTransportRuleScoped               : False
RouteAllMessagesViaOnPremises       : False
CloudServiceMailEnabled             : False
AllAcceptedDomains                  : False
```

Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.

NOTE: Each correct selection is worth one point.

Answer Area

If an email message is sent to info@contoso.com, the message **[answer choice]**.

- will always be delivered by using TLS
- will never be delivered by using TLS
- will sometimes be delivered by using TLS

If a user attempts to send an email message to info@contoso.com, and the receiving server does not have a certificate that contains the name contoso.com, **[answer choice]**.

- the message will be delivered unencrypted
- the messages will not be delivered
- the message will be delivered by using TLS

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Question 53

You have a Microsoft Exchange Online subscription for an email domain named contoso.com.

A partner company has an Exchange Online subscription for an email domain named fabrikam.com.

You need to prevent out-of-office messages sent by users in contoso.com from being sent to users in fabrikam.com.

What is the best way to achieve the goal from the Exchange admin center? More than one answer choice may achieve the goal.

- ☐ Create a remote domain
- ☐ Create a mail flow rule
- ☐ Create an accepted domain
- ☐ Create a connector

Question 54

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

Your company has a Microsoft Exchange Server 2019 server named EX01. EX01 has the default Receive connectors. EX01 receives Internet email on port 25 from an appliance in the company's perimeter network.

The company has an application named App1 that can only send email on port 25. The application administrator requests that you enable App1 to route email through EX01 for delivery.

You need to ensure that EX01 only accepts email from the appliance and App1.

Solution: You create a second IP address for EX01. You create a new Receive connector named App1 EX01. You configure the remote IP address ranges and the local IP address bindings of App1 EX01.

Does this meet the goal?

- ☐ Yes
- ☐ No

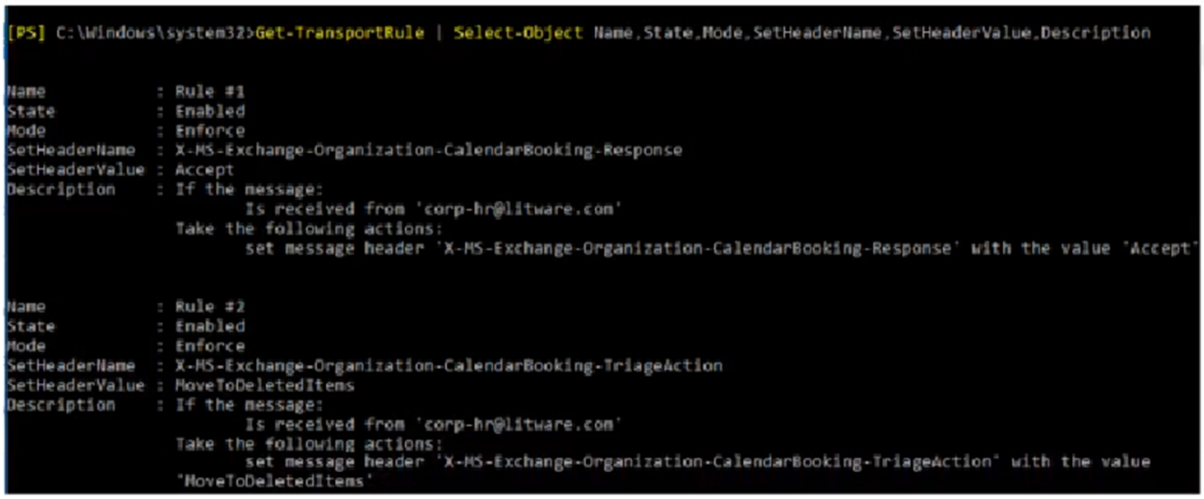
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Question 55

HOTSPOT

You have a Microsoft Exchange Server 2019 organization.

You run the Get-TransportRule cmdlet as shown in the following exhibit.



```
[PS] C:\Windows\system32>Get-TransportRule | Select-Object Name,State,Mode,SetHeaderName,SetHeaderValue,Description

Name           : Rule #1
State          : Enabled
Mode           : Enforce
SetHeaderName  : X-MS-Exchange-Organization-CalendarBooking-Response
SetHeaderValue : Accept
Description    : If the message:
                       Is received from 'corp-hr@litware.com'
                 Take the following actions:
                       set message header 'X-MS-Exchange-Organization-CalendarBooking-Response' with the value 'Accept'


Name           : Rule #2
State          : Enabled
Mode           : Enforce
SetHeaderName  : X-MS-Exchange-Organization-CalendarBooking-TriageAction
SetHeaderValue : MoveToDeletedItems
Description    : If the message:
                       Is received from 'corp-hr@litware.com'
                 Take the following actions:
                       set message header 'X-MS-Exchange-Organization-CalendarBooking-TriageAction' with the value
                 'MoveToDeletedItems'
```

Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.

NOTE: Each correct selection is worth one point.

Answer Area

When a meeting invite is received from corp-hr@litware.com, the meeting invite will be

- accepted and deleted from the inbox
- deleted without being accepted
- forwarded to the calendar owner

If corp-hr@litware.com sends a meeting invite to a user who has OUT Of Office Assistant turned on,

- a notification will be sent to corp-hr@litware.com
- the meeting invite will be accepted automatically
- the meeting will be rejected automatically

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Question 56

You have a Microsoft 365 subscription for a company named Fabrikam,Inc. The company uses an Exchange Online tenant that has an email domain named fabirkam.com.

Fabrikam works with a partner company Contoso, Ltd. that uses an email domain named contoso.com.

A new security policy at Contoso states that any email sent from partners to Contoso employees must use TLS encryption.

You need to ensure that email sent from Fabrikam to Contoso uses TLS.

What should you create in the tenant?

- ☐ a new connector that specifies the contoso.com SMTP domain
- ☐ a remote domain named contoso.com
- ☐ a new connector that specifies the fabrikam.com SMTP domain
- ☐ a remote domain named fabrikam.com

Question 57

You have a Microsoft Exchange Server 2019 organization.

Ten days ago, a user named User1 sent an email message to a user named User2.

User2 never received the message.

You need to identify whether the message was delivered to User2.

What should you run from Exchange Management Shell?

- ☐ Get-MessageTraceDetail
- ☐ Search-MessageTrackingReport
- ☐ Get-MessageTrackingReport
- ☐ Get-MessageTrace

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Question 58

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

Your company has two offices.

The network contains an Active Directory forest. The forest contains two domains. Each office is configured as an Active Directory site.

You need to recommend a plan for the deployment of Microsoft Exchange Server 2019 servers. The plan must ensure that a copy of each sent email message is always retained in a shadow queue.

Solution: You recommend deploying a standalone server to each site. Each server will be in a different domain.

Does this meet the goal?

- ☐ Yes
- ☐ No

Question 59

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

Your company has two offices.

The network contains an Active Directory forest. The forest contains two domains. Each office is configured as an Active Directory site.

You need to recommend a plan for the deployment of Microsoft Exchange Server 2019 servers. The plan must ensure that a copy of each sent email message is always retained in a shadow queue.

Solution: Deploy a standalone Exchange server to each site. Add each server to a different domain.

Does this meet the goal?

- ☐ Yes
- ☐ No

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Question 60

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

Your company has a Microsoft Exchange Server 2019 server named EX01. EX01 has the default Receive connectors. EX01 receives Internet email on port 25 from an appliance in the company's perimeter network.

The company has an application named App1 that can only send email on port 25. The application administrator requests that you enable App1 to route email through EX01 for delivery.

You need to ensure that EX01 only accepts email from the appliance and App1.

Solution: You create a new remote domain and set the domain name to App1. You create a new delivery agent connector and set the IsScopedConnector property to $true.

Does this meet the goal?

- ☐ Yes
- ☐ No

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Question 61

HOTSPOT

You create a transport rule as shown in the following exhibit.

```
Name                          : Rule1
State                         : Enabled
Mode                          : AuditAndNotify
Priority                      : 1
SentTo                        : {User1@contoso.com}
StopRuleProcessing            : True
DeleteMessage                 : False
Disconnect                    : False
RedirectMessageTo             :
RejectMessageEnhancedStatusCode : 5.7.1
RejectMessageReasonText       : Please forward all sales enquiries to 'Sales@Contoso.com'.
Quarantine                    : False
SubjectOrBodyContainsWords    : {Quote, Enquiry, Sales}
```

Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.

NOTE: Each correct selection is worth one point.

Answer Area

If an email message sent to User1 contains the word **Quote**

- the message will be rejected
- the message will be delivered
- the message will be redirected to sales@contoso.com

The transport rule has

- the highest priority and cannot be superseded by another rule
- the lowest priority.Another rule can supersede Rule1
- the medium priority. Another rule can supersede Rule1

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Question 62

You manage a Microsoft Exchange Server 2019 organization that sends 100,000 email messages to the Internet daily. The messages are routed through a single smart host by using a single Send connector that has an address space of *.

Your network contains an Active Directory site named Site01 that has all the Exchange servers. You have a disaster recovery site named Site02 that has several SMTP servers.

The smart host fails.

You need to deliver queued messages to the Internet as quickly as possible.

What should you do?

- ☐ Delete the Send connector.
- ☐ Modify the properties of the Send connector.
- ☐ Modify the MX records.
- ☐ Run the Get-Queue | Retry-Queue cmdlet.

Question 63

You plan to deploy a Microsoft Exchange Server 2019 organization that will contain the servers shown in the following table.

Name	Active Directory site
EX01	Site1
EX02	Site2
EX03	Site2

The sites connect to each other by using a high-cost, slow WAN link. Each site also connects directly to the Internet.

You need to ensure that outgoing email to the Internet always uses a server in the local site.

What should you create?

- ☐ one Send connector that uses two smart hosts
- ☐ two Send connectors that use different smart hosts
- ☐ two scoped Send connectors that have the same namespace
- ☐ two Send connectors that have different namespaces

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Question 64

Your network contains an Active Directory forest. The forest contains two Active Directory sites named Site1 and Site2.

You have a Microsoft Exchange Server 2019 organization that contains a database availability group (DAG) named DAG1. DAG1 has three member servers in each site.

You need to prevent users from Site1 from sending email messages larger than 5 MB to the mailboxes in Site2.

What should you do?

- ☐ Modify the properties of the Active Directory site link.
- ☐ From Site1, create a custom Send connector, and then modify the address space.
- ☐ From Site2, create a custom Receive connector, and then modify the remote IP address range.
- ☐ Modify the properties of DAG1.

Question 65

You have a Microsoft Exchange Server 2019 organization named contoso.com.

You need to ensure that all email sent between contoso.com and an Exchange organization named litwareinc.com is protected by using TLS encryption.

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

NOTE: Each correct selection is worth one point.

- ☐ Configure all Send connectors to use smart hosts.
- ☐ Run the Set-TransportConfig cmdlet.
- ☐ Create and issue new self-signed certificates for each Mailbox server
- ☐ Run the Set-ReceiveConnector –AuthMechanism BasicAuthRequireTLS command.
- ☐ Assign a certificate from a public certification authority (CA) to each Mailbox server.
- ☐ Run the Set-ReceiveConnector –AuthMechanismTLS command.

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Question 66

HOTSPOT

You have a Microsoft Exchange Server 2019 organization.

You configure the accepted domains as shown in the following table.

Domain name	Type	Accepts mail for all subdomains
Contoso.com	Authoritative	No
Adatum.com	Authoritative	Yes
Fabrikam.com	Internal relay	No

You configure the MX records in DNS as shown in the following table.

Domain name	Destination
Contoso.com	Mail.contoso.com
Adatum.com	Mail.contoso.com
Fabrikam.com	Mail.contoso.com

In the Exchange organization you create a mail user named User1 who has the following email addresses:

User1@sales.contoso.com
User1@sales.adatum.com
User1@fabrikam.com

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Answer Area

Statements	Yes	No
If an external recipient sends an email message to user1@sales.contoso.com, the message will be delivered to the mailbox of User1 in the Exchange organization.	○	○
If an external recipient sends an email message to user1@sales.adatum.com, the message will be delivered to the mailbox of User1 in the Exchange organization.	○	○
If an external recipient sends an email message to user1@fabrikam.com, the message will be delivered to the mailbox of User1 in the Exchange organization.	○	○

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Question 67

Your company has a Microsoft Exchange Server 2019 organization that uses an address space of contoso.com.

A messaging administrator from a partner company informs you that email messages are being rejected by the Exchange organization.

You need to view SMTP communications between the partner company and the mailbox server of your company.

Which folder should you review?

- ☐ %ExchangeInstallPath%TransportRoles\Logs\Edge\ProtocolLog\SmtpReceive
- ☐ %ExchangeInstallPath%TransportRoles\Logs\Mailbox\ProtocolLog\SmtpReceive\Delivery
- ☐ %ExchangeInstallPath%TransportRoles\Logs\Hub\ProtocolLog\SmtpReceive
- ☐ %SystemRoot%\System32\LogFiles\SMTPSVC1
- ☐ %ExchangeInstallPath%TransportRoles\Logs\FrontEnd\ProtocolLog\SmtpReceive

Question 68

Your company has a Microsoft Exchange Server 2019 organization.

The company's IT department has a monitoring application that generates email message alerts.

You need to configure Exchange to accept messages from the monitoring application. The solution must ensure that messages are accepted regardless of their size.

You create a new Receive connector scoped to the IP address of the server used by the monitoring application.

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

NOTE: Each correct selection is worth one point.

- ☐ Add the Exchange servers permission group to the Receive connector.
- ☐ Add the Exchange users permission group to the Receive connector.
- ☐ Grant the Ms-Exch-SMTP-Accept-Any-Recipient right to the NT AUTHORITY\ANONYMOUS LOGON user account.
- ☐ Set the authentication mechanism to ExternalAuthoritative.
- ☐ Add the Anonymous users permission group to the Receive connector.

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Question 69

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

Your company has a Microsoft Exchange Server 2019 server named EX01. EX01 has the default Receive connectors. EX01 receives Internet email on port 25 from an appliance in the company's perimeter network.

The company has an application named App1 that can only send email on port 25. The application administrator requests that you enable App1 to route email through EX01 for delivery.

You need to ensure that EX01 only accepts email from the appliance and App1.

Solution: You add a second IP address to EX01. You create a new linked connector named App1 EX01.

Does this meet the goal?

- ☐ Yes
- ☐ No

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Question 70

HOTSPOT

You have a Microsoft Exchange Server 2019 organization that uses an address space of fabrikam.com.

The organization contains the Send connectors shown in the following table.

Name	Address space	Cost	Message size limit	Smart host
Conn1	*	1	50 MB	10.10.1.1
Conn2	Contoso.com	50	10 MB	10.10.1.5
Conn3	Adatum.com	10	25 MB	10.10.1.5
Conn4	*	100	10 MB	192.168.1.2

You need to identify what occurs when users send email to different external recipients.

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

NOTE: Each correct selection is worth one point.

Answer Area

A user sends a 25-MB email message to user1@contoso.com:

- The message is delivered by using Conn1
- The message is delivered by using Conn2
- The message is delivered by using Conn3
- The message is delivered by using Conn4
- The message is rejected.

A user sends a 20-MB email message to user1@adatum.com:

- The message is delivered by using Conn1
- The message is delivered by using Conn2
- The message is delivered by using Conn3
- The message is delivered by using Conn4
- The message is rejected.

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Question 71

You have a Microsoft Exchange Server 2019 organization.

A user reports that several email messages were not received. You suspect that the messages were filtered by the Exchange servers.

You need to review the filter that removed the messages.

Which cmdlet should you run?

- ☐ Get-MpThreatDetection
- ☐ Search-UnifiedAuditLog
- ☐ Get-AuditLogSearch
- ☐ Get-AgentLog

Question 72

Your company named Contoso, Ltd. has a Microsoft Exchange Online subscription.

You have several transport rules. The rules automatically apply a disclaimer to email messages that contain certain keywords in the subject and are sent to recipients in an email domain named fabrikam.com.

You receive a report that some messages are delivered without the disclaimer.

You need to view which transport rules were applied to messages sent to the fabrikam.com recipients.

What should you use?

- ☐ a URL trace
- ☐ a message trace
- ☐ the SMTP protocol logs
- ☐ the transport server logs

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Question 73

DRAG DROP

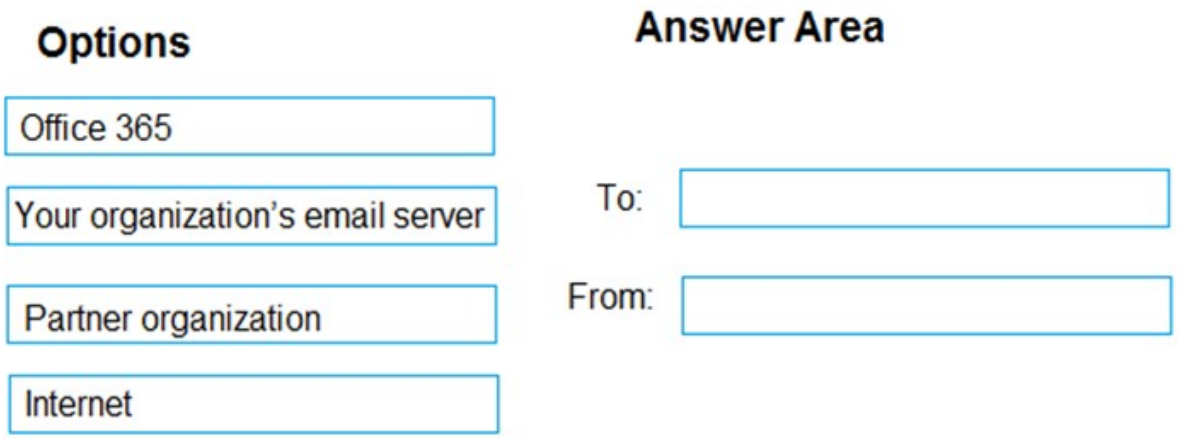
Your company has a Microsoft Exchange Online subscription for an email domain named contoso.com.

The company works with a partner company that uses an email domain named tailspintoys.com.

You need to configure the environment only to accept email from tailspintoys.com if the email is sent from an IP address of 131.107.12.85.

How should you configure the connector from the Exchange admin center? To answer, drag the appropriate options to the correct message settings. Each option 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.



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Question 74

You have a Microsoft Exchange Server 2019 organization.

Ten days ago, a user named User1 sent an email message to a user named User2.

User2 never received the message.

You need to identify whether the message was delivered to User2.

What should you do first?

- ☐ From the Exchange Management Shell, run the Get-MessageTraceDetail cmdlet.
- ☐ From the Exchange Management Shell, run the Get-MessageTrace cmdlet.
- ☐ From the Exchange Management Shell, run the Get-HistoricalSearch cmdlet.
- ☐ From the Exchange Management Shell, run the Search-MessageTrackingReport cmdlet.

Question 75

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

Your company has two offices.

The network contains an Active Directory forest. The forest contains two domains. Each office is configured as an Active Directory site.

You need to recommend a plan for the deployment of Microsoft Exchange Server 2019 servers. The plan must ensure that a copy of each sent email message is always retained in a shadow queue.

Solution: You recommend deploying a database availability group (DAG) that will contain two Exchange servers. Each server will be in a different site. Both servers will be in the same domain.

Does this meet the goal?

- ☐ Yes
- ☐ No

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Question 76

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

Your company has a Microsoft Exchange Server 2019 server named EX01. EX01 has the default Receive connectors. EX01 receives Internet email on port 25 from an appliance in the company's perimeter network.

The company has an application named App1 that can only send email on port 25. The application administrator requests that you enable App1 to route email through EX01 for delivery.

You need to ensure that EX01 only accepts email from the appliance and App1.

Solution: You modify the remote IP address ranges of the default frontend Receive connector.

Does this meet the goal?

- ☐ Yes
- ☐ No

Question 77

You have a Microsoft Exchange Server organization.

You configure an Exchange server named EX1 to deliver email messages for an application named App1. App1 sends messages in large bursts overnight by using a client frontend Receive connector on EX1.

You discover that it takes a long time to deliver the messages.

You need to reduce how long it takes to deliver the messages.

Which value should you configure on the Receive connector?

- ☐ maximum inbound connections
- ☐ message rate limit
- ☐ connection time out
- ☐ tarpit interval

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Question 78

Your company has offices in New York and Los Angeles. Each office has a Mailbox server.

The company has a Microsoft Exchange Server 2019 hybrid deployment that uses a namespace of litware.com.

Currently, all email messages received from the Internet are routed from Exchange Online to the New York office.

You need to ensure that messages sent to users in the Los Angeles office are routed from Exchange Online directly to the local Mailbox server in the Los Angeles office.

What should you create in Exchange Online?

- ☐ a remote domain and a client access rule.
- ☐ a connector and a remote domain
- ☐ a connector and a mail flow rule
- ☐ an email address policy and a client access rule

Question 79

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

Your company has two offices.

The network contains an Active Directory forest. The forest contains two domains. Each office is configured as an Active Directory site.

You need to recommend a plan for the deployment of Microsoft Exchange Server 2019 servers. The plan must ensure that a copy of each sent email message is always retained in a shadow queue.

Solution: Deploy two standalone Exchange servers to each site. Both servers will be in the same domain.

Does this meet the goal?

- ☐ Yes
- ☐ No

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Question 80

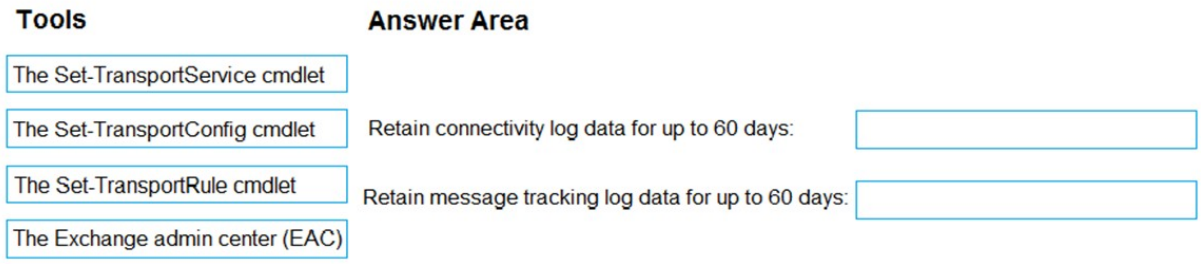
DRAG DROP

You need to configure a Microsoft Exchange Server 2019 organization to meet the following requirements:

Retain connectivity log data for up to 60 days.
Retain message tracking log data for up to 60 days.

What should you use to meet each requirement? To answer, drag the appropriate tools to the correct requirements. Each tool 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.



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Case Study (1 questions)

Case Study
This is a case study. Case studies are not timed separately. You can use as much exam time as you would like to complete each case. However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

To answer the questions included in a case study, you will need to reference information that is provided in the case study. Case studies might contain exhibits and other resources that provide more information about the scenario that is described in the case study. Each question is independent of the other question on this case study.

At the end of this case study, a review screen will appear. This screen allows you to review your answers and to make changes before you move to the next sections of the exam. After you begin a new section, you cannot return to this section.

To start the case study
To display the first question on this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. If the case study has an All Information tab, note that the information displayed is identical to the information displayed on the subsequent tabs. When you are ready to answer a question, click the Question button to return to the question.
General Overview

Litware, Inc. is an international manufacturing company that has 3,000 employees. The company has sales, marketing, research, and human resources (HR) departments. The company is subject to regulatory compliance.

Physical Locations

Litware has a main office in New York and two branch offices in London and Paris.

All offices connect to each other by using a WAN link. The offices can only communicate with each other by using a point-to-point connection. Each office also connects directly to the Internet.

Active Directory

The network contains an Active Directory forest named litware.com. The forest contains a single domain. All domain controllers run Windows Server 2019.

Each office contains three domain controllers. Each office is configured as an Active Directory site.

Microsoft Exchange Server

Litware recently upgraded its entire messaging organization from Exchange Server 2013 to Exchange Server 2019. The organization now contains the servers shown in the following table.

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Name	Location	Exchange version
EX01	Paris	2019
EX02	London	2019
EX03	New York	2019
EX04	New York	2019
EX05	London	2019
EX06	London	2019
EX07	London	2016

No changes were made to the organization's configuration during the transition from Exchange Server 2013 and 2019.

The organization has a database availability group (DAG) that has the following configurations.

```
Name                                    : DAG15
Servers                                 : {EX03, EX04, EX05, EX06}
WitnessServer                           : ex01.litware.com
WitnessDirectory                        : C:\DAG15
AlternateWitnessServer                  : ex02.litware.com
AlternateWitnessDirectory               : C:\DAGFSW\DAG15.litware.com
ManualDagNetworkConfiguration           : False
DatacenterActivationMode                : Off
StoppedMailboxServers                   : {}
StartedMailboxServers                   : {}
DatabaseAvailabilityGroupIpv4Addresses : {192.168.1.116, 192.168.2.215}
DatabaseAvailabilityGroupIpAddresses    : {192.168.1.116, 192.168.2.215}
AllowCrossSiteRpcClientAccess           : False
OperationalServers                      : {EX03, EX04, EX05, EX06}
PrimaryActiveManager                    : EX03
ServersInMaintenance                    : {}
ServersInDeferredRecovery               : {}
NetworkNames                            : {MapiDagNetwork, ReplDagNetwork}
WitnessShareInUse                       : Primary
```

Litware standardizes mobile device access by using the iOS platform, the native Apple mail client, and Exchange ActiveSync.

The Exchange organization has the following Send connectors.

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```
Identity                  : fabrikam.com
Name                      : fabrikam.com
AddressSpace              : {SMTP: fabrikam.com;100}
SourceTransportServers    : {EX01}
IsScopedConnector         : True
IsSmtpConnector           : True
Enabled                   : True

Identity                  : Internet
Name                      : Internet
AddressSpace              : {SMTP| *;1}
SourceTransportServers    : {EX02, EX03}
IsScopedConnector         : False
IsSmtpConnector           : True
Enabled                   : True
```

Business Model

User accounts must be deleted from Active Directory the day after a user's final date of employment.

Business Goals

As often as possible, Litware plans to minimize the legal fees associated with reviewing eDiscovery requests by purging data as quickly as possible.

Planned Changes

Litware plans to implement the following changes to the network.

Use Messaging Records Management (MRM) to archive all mailbox items that are older than one year.
The company announces a new partnership with another company named Fabrikam, Inc. Fabrikam also uses Exchange for email messaging. All the Litware users in the Paris office will be required to receive email by using a fabrikam.com email address and must have this email address applied automatically to their mailbox.
Technical Requirements

Litware identifies the following technical requirements for the messaging environment:

Mobile devices must only sync items from the last 30 days.
All user data must be wiped from a device reported as lost or stolen.
Email items in a folder named Audits must be archived after 30 days.
Users in the sales department must never have the items in their Notes folder archived.
Whenever possible, email messages sent outside the organization must be routed through the Internet connection of the local office.
If a WAN link fails, the high-availability architecture of the messaging environment must give preference to the WAN link in the New York office.
Problem statement

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A user named User2 reports that their mobile device was stolen.

Question 81

You need to implement the required changes to the current Exchange organization for the Fabrikam partnership.

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

NOTE: Each correct selection is worth one point.

- ☐ Set up directory synchronization.
- ☐ Create a remote domain.
- ☐ Configure an email address policy.
- ☐ Configure an external relay accepted domain.
- ☐ Configure an internal relay accepted domain.

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Case Study (2 questions)

Case Study
This is a case study. Case studies are not timed separately. You can use as much exam time as you would like to complete each case. However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

To answer the questions included in a case study, you will need to reference information that is provided in the case study. Case studies might contain exhibits and other resources that provide more information about the scenario that is described in the case study. Each question is independent of the other question on this case study.

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To start the case study
To display the first question on this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. If the case study has an All Information tab, note that the information displayed is identical to the information displayed on the subsequent tabs. When you are ready to answer a question, click the Question button to return to the question.
Overview

Contoso, Ltd is a company that has retail stores throughout Europe and North America. Contoso has 5,000 employees worldwide.

Contoso has a main office in London. The company has 10 branch offices. In each office, there are 50 managers. There are 100 retail stores in Europe and North America. Each retail store has between five and 20 employees.

Network Infrastructure

Contoso has a data center in each office. All the offices connect to each other by using redundant WAN links. Each office has a high-speed connection to the Internet.

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

All users sign in to their computer by using an Active Directory user account.

Each office contains at least two domain controllers from the contoso.com domain. Each office is configured as an Active Directory site. Each branch office has one site link to the main office.

Planned Changes

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Contoso has a legacy mail application. The company plans to replace the application with a Microsoft Exchange Server 2019 organization.

In Exchange Server 2019, all recipients will have an email address that uses a format of username@contoso.com.

Technical Requirements

Contoso has the following technical requirements:

All mailboxes must be protected by storing one copy in a branch office and another copy in the main office. For the mailboxes in the London office, a copy must be created in a branch office in Birmingham.
All email sent to external recipients must be delivered by using a local connection to the Internet. If the local connection becomes unavailable, the Internet connection in the main office must be used.
All users will connect to their mailbox by using Microsoft Outlook 2019. All client connections must be established to a namespace of mail.contoso.com.
All client connections must be established to a server in the local office, unless that server becomes unavailable.
The mailboxes of managers must be backed up twice daily. All other mailboxes must be backed up once weekly.
All email sent between the users in different offices must be routed through the main office.
Whenever possible, administrative effort must be minimized.
Whenever possible, costs must be minimized.
Disaster Recovery Requirements

Contoso has the following disaster recovery requirements:

All users must be redirected automatically to another Mailbox server if a single Mailbox server fails.
All users must be redirected automatically to another Mailbox server if a single Exchange service fails.
Users who connect to their mailbox by using an Android device must be prevented from using the Outlook app.
Users who connect to their mailbox by using an iOS device must be prevented from using the Outlook app.
Users who connect to their mailbox by using a Windows 10 tablet must be able to use the Outlook app.

Question 82

You need to implement a routing solution that meets the technical requirements.

What should you do?

- ☐ In each office, create a scoped Send connector.
- ☐ Create an SMTP site link for each office.
- ☐ Configure the main office as an Active Directory hub site.
- ☐ Create 10 accepted domains.

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Question 83

You need to configure a mail flow solution for email that will be sent from each branch office to the Internet. The solution must meet the technical requirements.

What is the best way to achieve the goal? More than one answer choice may achieve the goal. Select the BEST answer.

- ☐ a Send connector in the main office that has a cost of 100 and uses a Mailbox server in each office as an SMTP smart host
- ☐ a Send connector in each office that each has the default costs
- ☐ two Send connectors in the main office that both have the default costs.
- ☐ a Send connector in each branch office that has a cost of 100 and uses a Mailbox server in the main office as an SMTP smart host

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Manage Recipients and Devices

(16 questions)

Question 84

HOTSPOT

You have a Microsoft Exchange Server 2019 organization.

All mailboxes are assigned the same mobile device mailbox policy.

You run the command as shown in the following exhibit.

```
PS C:\> Get-MobileDeviceMailboxPolicy | f1 *password*, MaxInactivityTimeLock

AlphanumericPasswordRequired          : True
PasswordEnabled                       : True
PasswordRecoveryEnabled               : False
AllowSimplePassword                   : False
MinPasswordLength                     : 4
MaxPasswordFailedAttempts             : Unlimited
PasswordExpiration                    : Unlimited
PasswordHistory                       : 0
MinPasswordComplexCharacters          : 4
MaxInactivityTimeLock                 : 01:00:00
```

Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.

NOTE: Each correct selection is worth one point.

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Answer Area

An unlocked device can be inactive for up to **[answer choice]** before a password is required to unlock the device.

- one day
- one hour
- one minute

A password of **[answer choice]** is compliant with the policy.

- Pass1!
- p@$$word1!
- PA$$1!

Question 85

You have a Microsoft 365 subscription.

Several users report today that they cannot access email from their mobile device. They successfully accessed their email from the same device yesterday.

You need to identify which mobile device access rule applies to the devices.

Which cmdlet should you run?

- ☐ Get-MobileDeviceMailboxPolicy
- ☐ Get-ActiveSyncMailboxPolicy
- ☐ Get-MobileDeviceStatistics
- ☐ Get-DeviceTenantRule

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Question 86

You have a Microsoft 365 subscription.

Several users report today that they cannot access email from their mobile device. They successfully accessed their email from the same device yesterday.

You need to identify which mobile device access rule applies to the devices.

Which cmdlet should you run?

- ☐ Get-MsolDevice
- ☐ Get-ActiveSyncMailboxPolicy
- ☐ Get-ActiveSyncDeviceClass
- ☐ Get-MobileDevice

Question 87

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have a Microsoft Exchange Server 2019 organization.

You discover that several weeks ago a mailbox administrator erroneously deleted a mailbox from a mailbox database named MailDB1. The mailbox was associated to a user named User1 and an email address of user1@contoso.com.

You verify that User1 still exists in Active Directory.

You need to verify whether the mailbox can be reconnected to User1.

Solution: You run the following command.

Get-MailboxRestoreRequest –Identity "user1\MailboxRestore"

Does this meet the goal?

- ☐ Yes
- ☐ No

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Question 88

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
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You have a Microsoft Exchange Server 2019 organization.

You discover that several weeks ago a mailbox administrator erroneously deleted a mailbox from a mailbox database named MailDB1. The mailbox was associated to a user named User1 and an email address of user1@contoso.com.

You verify that User1 still exists in Active Directory.

You need to verify whether the mailbox can be reconnected to User1.

Solution: You run the following command.

$30 days – (Get-Date).AddDays(30)
Get-MailboxDatabase | Get-MailboxStatistics | Where {$_.DisconnectDate –lt $30days} | Format-Table DisplayName,Database,DisconnectDate

Does this meet the goal?

- ☐ Yes
- ☐ No

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Question 89

HOTSPOT

You have a Microsoft Exchange Online subscription that contains the groups shown in the following table.

Name	Type	Owner
DL1	Distribution list	User1
DL2	Distribution list	User2
DL3	Mail-enabled security	User3

You have the recipients shown in the following table.

Name	Type
User1	UserMailbox
User2	UserMailbox
User3	UserMailbox
User4	MailUser
Customer Feedback	SharedMailbox
Projector1	EquipmentMailbox
Group1	MailUniversalDistributionGroup

The groups contain the members shown in the following table.

Group	Members
DL1	User1, Projector1, Group1
DL2	User2, Customer Feedback
DL3	User3, User4

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Answer Area

Statements	Yes	No
DL1 is eligible to be upgraded to an Office 365 group.	○	○
DL2 is eligible to be upgraded to an Office 365 group.	○	○
DL3 is eligible to be upgraded to an Office 365 group.	○	○

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Question 90

Your company has a Microsoft Exchange Server 2019 organization.

The company purchases five portable projectors for its sales department.

You need to enable the users in the sales department to reserve the projectors by using their calendar in Exchange.

What is the best type of recipient to use to achieve the goal? More than one answer choice may achieve the goal. Select the BEST answer.

- ☐ a user mailbox
- ☐ a distribution group
- ☐ a shared mailbox
- ☐ a resource mailbox

Question 91

You manage a Microsoft Exchange Server 2019 organization that has 3,000 users. Each user has a company-provided mobile device that uses Exchange ActiveSync.

You discover that devices running a specific operating system version contain a bug that causes the excessive consumption of resources on the Exchange servers.

You need to prevent the devices from accessing email until the devices are updated.

Which cmdlet should you run?

- ☐ Set-ActiveSyncDeviceAutoblockThreshold
- ☐ Set-MobileDeviceMailboxPolicy
- ☐ New-ActiveSyncDeviceAccessRule
- ☐ Set-CasMailbox

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Question 92

You have a Microsoft Exchange Server organization that contains the servers shown in the following table.

Name	Exchange version
EX01	Exchange Server 2016 Standard
EX02	Exchange Server 2019 Standard

You have the users shown in the following table.

Name	Mailbox server
User1	EX01
User2	EX02
User3	EX02

All users have a Standard CAL.

You need provide an archive mailbox to each user in the organization.

What should you do before you provide each user with an archive mailbox?

- ☐ Upgrade EX01 and EX02 to Exchange Server 2019 Enterprise.
- ☐ Move all the mailboxes to EX02.
- ☐ Purchase an Enterprise CAL for each user.
- ☐ Upgrade EX01 to Exchange Server 2019 Standard.

Question 93

You have a Microsoft Exchange Online subscription.

A user loses a mobile device.

You need to tell the user how to remove corporate data from the lost device.

What should you instruct the user to use?

- ☐ Outlook on the web
- ☐ the Exchange admin center
- ☐ the Security & Compliance admin center
- ☐ the Microsoft 365 admin center

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Question 94

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have a Microsoft Exchange Server 2019 organization.

You discover that several weeks ago a mailbox administrator erroneously deleted a mailbox from a mailbox database named MailDB1. The mailbox was associated to a user named User1 and an email address of user1@contoso.com.

You verify that User1 still exists in Active Directory.

You need to verify whether the mailbox can be reconnected to User1.

Solution: You run the following command.

Get-MailboxDatabase | Get-MailboxStatistics | Where {$_.DisconnectReason –eq "Disabled"} | Format-Table DisplayName, Database, DisconnectDate

Does this meet the goal?

- ☐ Yes
- ☐ No

Question 95

You have a Microsoft Exchange Online subscription.

You need to prevent all Android devices from using Exchange ActiveSync to sync email. Other devices must be allowed to sync email by using Exchange ActiveSync.

What should you use?

- ☐ device access rules
- ☐ Exchange ActiveSync access settings
- ☐ data loss prevention (DLP) policies
- ☐ mobile device mailbox policies

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Question 96

HOTSPOT

Your company purchases new mobile devices for each user in its sales department and marketing department. The new devices only support Exchange ActiveSync.

You need to configure mobile device access to meet the following requirements:

Apply a specific password policy to all the sales department users.
Prevent all the marketing department users from using an Exchange ActiveSync-based client to access their mailbox.

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

NOTE: Each correct selection is worth one point.

Answer Area



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Question 97

HOTSPOT

You have a Microsoft Exchange Online subscription.

You run the following command.

Set-ActiveSyncOrganizationSettings –DefaultAccessLevel Block

You run Get-ActiveSyncDeviceAccessRule | f1 Identity, AccessLevel, Characteristic, QueryString and you receive the following output.

```
Identity             : Outlook-Android/2.0 (UserAgent)
AccessLevel          : allow
Characteristic       : UserAgent
QueryString          : Outlook-Android/2.0

Identity             : Outlook-iOS/2.0 (UserAgent)
AccessLevel          : Allow
Characteristic       : UserAgent
QueryString          : Outlook-iOS/2.0
```

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Answer Area

Statements	Yes	No
iOS devices can use the Microsoft Outlook app to sync mailbox data.	○	○
Android devices can use the Microsoft Outlook app to sync mailbox data.	○	○
iOS devices can use the native Mail app to sync mailbox data.	○	○

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Question 98

You have a Microsoft Exchange Server 2019 organization that contains four Mailbox servers.

You are decommissioning a Mailbox server named EX01.

When you attempt to remove one of the mailbox databases from EX01, you receive a warning message that the database still contains mailboxes.

You run Get-Mailbox –Server EX01 and confirm that all user mailboxes are hosted on other servers.

You need to remove the mailbox database.

What should you do first?

- ☐ Disable circular logging.
- ☐ Move the arbitration mailboxes to another server.
- ☐ Run eseutil /p.
- ☐ Stop the Microsoft Exchange Information Store service.

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Question 99

HOTSPOT

You have a Microsoft Exchange Server 2019 organization that contains a shared mailbox named Inquiries.

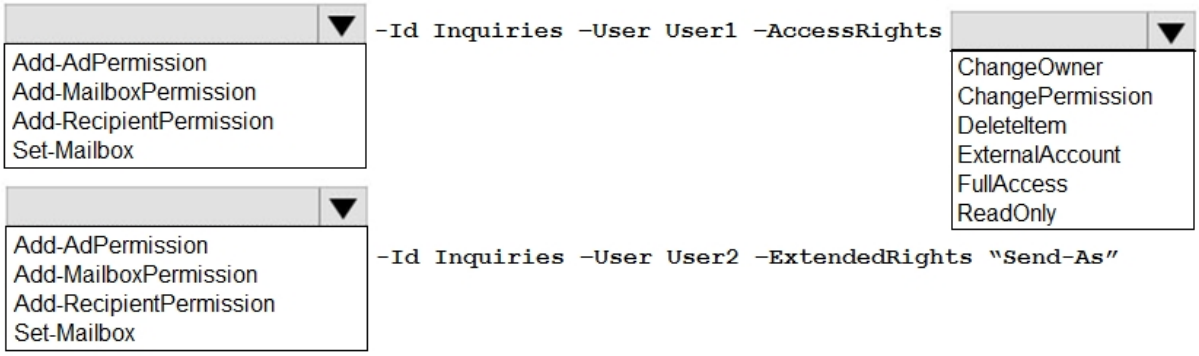
You need to configure Inquiries to meet the following requirements:

A user named User1 must have full access to the mailbox without having permissions to send email messages.
A user named User2 must be able to send email messages that appear to come from the mailbox.

How should you complete the PowerShell script? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area



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Case Study (3 questions)

Case Study
This is a case study. Case studies are not timed separately. You can use as much exam time as you would like to complete each case. However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

To answer the questions included in a case study, you will need to reference information that is provided in the case study. Case studies might contain exhibits and other resources that provide more information about the scenario that is described in the case study. Each question is independent of the other question on this case study.

At the end of this case study, a review screen will appear. This screen allows you to review your answers and to make changes before you move to the next sections of the exam. After you begin a new section, you cannot return to this section.

To start the case study
To display the first question on this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. If the case study has an All Information tab, note that the information displayed is identical to the information displayed on the subsequent tabs. When you are ready to answer a question, click the Question button to return to the question.
General Overview

Litware, Inc. is an international manufacturing company that has 3,000 employees. The company has sales, marketing, research, and human resources (HR) departments. The company is subject to regulatory compliance.

Physical Locations

Litware has a main office in New York and two branch offices in London and Paris.

All offices connect to each other by using a WAN link. The offices can only communicate with each other by using a point-to-point connection. Each office also connects directly to the Internet.

Active Directory

The network contains an Active Directory forest named litware.com. The forest contains a single domain. All domain controllers run Windows Server 2019.

Each office contains three domain controllers. Each office is configured as an Active Directory site.

Microsoft Exchange Server

Litware recently upgraded its entire messaging organization from Exchange Server 2013 to Exchange Server 2019. The organization now contains the servers shown in the following table.

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Name	Location	Exchange version
EX01	Paris	2019
EX02	London	2019
EX03	New York	2019
EX04	New York	2019
EX05	London	2019
EX06	London	2019
EX07	London	2016

No changes were made to the organization's configuration during the transition from Exchange Server 2013 and 2019.

The organization has a database availability group (DAG) that has the following configurations.

```
Name                                    : DAG15
Servers                                 : {EX03, EX04, EX05, EX06}
WitnessServer                           : ex01.litware.com
WitnessDirectory                        : C:\DAG15
AlternateWitnessServer                  : ex02.litware.com
AlternateWitnessDirectory               : C:\DAGFSW\DAG15.litware.com
ManualDagNetworkConfiguration           : False
DatacenterActivationMode                : Off
StoppedMailboxServers                   : {}
StartedMailboxServers                   : {}
DatabaseAvailabilityGroupIpv4Addresses : {192.168.1.116, 192.168.2.215}
DatabaseAvailabilityGroupIpAddresses    : {192.168.1.116, 192.168.2.215}
AllowCrossSiteRpcClientAccess           : False
OperationalServers                      : {EX03, EX04, EX05, EX06}
PrimaryActiveManager                    : EX03
ServersInMaintenance                    : {}
ServersInDeferredRecovery               : {}
NetworkNames                            : {MapiDagNetwork, ReplDagNetwork}
WitnessShareInUse                       : Primary
```

Litware standardizes mobile device access by using the iOS platform, the native Apple mail client, and Exchange ActiveSync.

The Exchange organization has the following Send connectors.

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```
Identity                  : fabrikam.com
Name                      : fabrikam.com
AddressSpace              : {SMTP: fabrikam.com;100}
SourceTransportServers    : {EX01}
IsScopedConnector         : True
IsSmtpConnector           : True
Enabled                   : True

Identity                  : Internet
Name                      : Internet
AddressSpace              : {SMTP| *;1}
SourceTransportServers    : {EX02, EX03}
IsScopedConnector         : False
IsSmtpConnector           : True
Enabled                   : True
```

Business Model

User accounts must be deleted from Active Directory the day after a user's final date of employment.

Business Goals

As often as possible, Litware plans to minimize the legal fees associated with reviewing eDiscovery requests by purging data as quickly as possible.

Planned Changes

Litware plans to implement the following changes to the network.

Use Messaging Records Management (MRM) to archive all mailbox items that are older than one year.
The company announces a new partnership with another company named Fabrikam, Inc. Fabrikam also uses Exchange for email messaging. All the Litware users in the Paris office will be required to receive email by using a fabrikam.com email address and must have this email address applied automatically to their mailbox.
Technical Requirements

Litware identifies the following technical requirements for the messaging environment:

Mobile devices must only sync items from the last 30 days.
All user data must be wiped from a device reported as lost or stolen.
Email items in a folder named Audits must be archived after 30 days.
Users in the sales department must never have the items in their Notes folder archived.
Whenever possible, email messages sent outside the organization must be routed through the Internet connection of the local office.
If a WAN link fails, the high-availability architecture of the messaging environment must give preference to the WAN link in the New York office.
Problem statement

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A user named User2 reports that their mobile device was stolen.

Question 100

You need to meet the technical requirements for the mobile device of User2.

Which cmdlet should you run?

- ☐ Remove-MobileDevice
- ☐ Clear-MobileDevice
- ☐ Clear-Content
- ☐ Remove-ActiveSyncDevice

Question 101

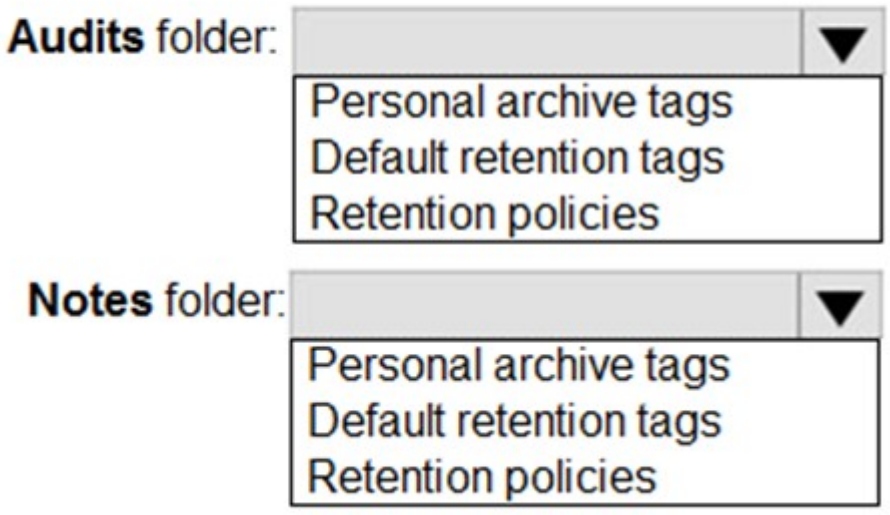
HOTSPOT

You need to recommend a solution for the Audits and Notes folders.

What should you include in the recommendation? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area



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Question 102

HOTSPOT

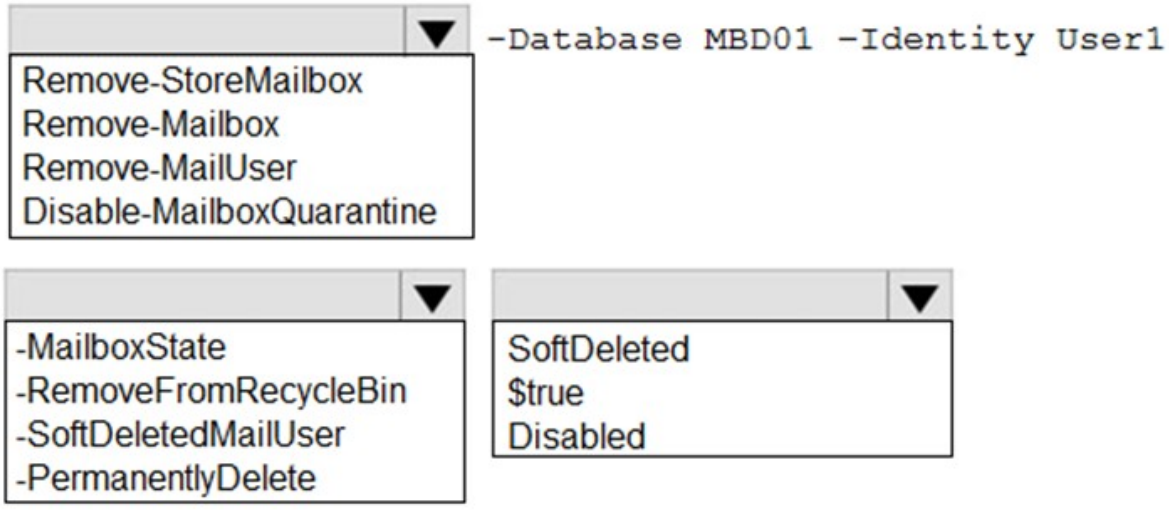
A user named User1 left the organization 10 days ago.

You need to purge all the email data of User1.

How should you complete the command? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area



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Case Study (1 questions)

Case Study
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Overview

Contoso, Ltd is a company that has retail stores throughout Europe and North America. Contoso has 5,000 employees worldwide.

Contoso has a main office in London. The company has 10 branch offices. In each office, there are 50 managers. There are 100 retail stores in Europe and North America. Each retail store has between five and 20 employees.

Network Infrastructure

Contoso has a data center in each office. All the offices connect to each other by using redundant WAN links. Each office has a high-speed connection to the Internet.

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

All users sign in to their computer by using an Active Directory user account.

Each office contains at least two domain controllers from the contoso.com domain. Each office is configured as an Active Directory site. Each branch office has one site link to the main office.

Planned Changes

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Contoso has a legacy mail application. The company plans to replace the application with a Microsoft Exchange Server 2019 organization.

In Exchange Server 2019, all recipients will have an email address that uses a format of username@contoso.com.

Technical Requirements

Contoso has the following technical requirements:

All mailboxes must be protected by storing one copy in a branch office and another copy in the main office. For the mailboxes in the London office, a copy must be created in a branch office in Birmingham.
All email sent to external recipients must be delivered by using a local connection to the Internet. If the local connection becomes unavailable, the Internet connection in the main office must be used.
All users will connect to their mailbox by using Microsoft Outlook 2019. All client connections must be established to a namespace of mail.contoso.com.
All client connections must be established to a server in the local office, unless that server becomes unavailable.
The mailboxes of managers must be backed up twice daily. All other mailboxes must be backed up once weekly.
All email sent between the users in different offices must be routed through the main office.
Whenever possible, administrative effort must be minimized.
Whenever possible, costs must be minimized.
Disaster Recovery Requirements

Contoso has the following disaster recovery requirements:

All users must be redirected automatically to another Mailbox server if a single Mailbox server fails.
All users must be redirected automatically to another Mailbox server if a single Exchange service fails.
Users who connect to their mailbox by using an Android device must be prevented from using the Outlook app.
Users who connect to their mailbox by using an iOS device must be prevented from using the Outlook app.
Users who connect to their mailbox by using a Windows 10 tablet must be able to use the Outlook app.

Question 103

HOTSPOT

After you deploy the Exchange organization, you run the Get-ActiveSyncDeviceAccessRule cmdlet, and you receive the following output.

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```
QueryString          : Outlook
Name                 : Outlook (DeviceType)
Characteristic       : DeviceType
AccessLevel          : Block
Identity             : Outlook (DeviceType)
ObjectClass          : {top, msExchDeviceAccessRule}
```

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Answer Area

Statements	Yes	No
The device requirements for the iOS devices are met.	○	○
The device requirements for the Android devices are met.	○	○
The device requirements for the Windows 10 tablets are met.	○	○

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