AZ-801 Q&As

Configuring Windows Server Hybrid Advanced Services

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QUESTION 1

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 deploy Azure Migrate to an on-premises network.

You have an on-premises physical server named Server1 that runs Windows Server and has the following configuration.

1.

Operating system disk 600 GB

2.

Data disic 3 TB

3.

NIC Teaming: Enabled

4.

Mobility service: installed

5.

Windows Firewall: Enabled

6.

Microsoft Defender Antivirus: Enabled

You need to ensure that you can use Azure Migrate to migrate Server1.

Solution: You shrink the data disk on Server1.

Does this meet the goal?

A. Yes

B. No

Correct Answer: B

QUESTION 2

Your company uses Storage Spaces Direct.

You need to view the available storage in a Storage Space Direct storage pool.

What should you use?

A. System Configuration

B. File Server Resource Manager (FSRM)

C. the Get-ScorageFileServer cmdlet

D. Failover Cluster Manager

Correct Answer: D

If Failover Cluster Manager, select the Storage Space Direct storage pool. The information displayed in the main window includes the free space and used space.

QUESTION 3

You have 10 servers that run Windows Server in a workgroup.

You need to configure the servers to encrypt all the network traffic between the servers.

The solution must be as secure as possible.

Which authentication method should you configure in a connection security rule?

A. NTLMv2

B. pre-shared key

C. KerberosV5

D. computer certificate

Correct Answer: D

Reference: https://docs.microsoft.com/en-us/windows/security/threat-protection/windows-firewall/create-an-authentication-request-rule

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QUESTION 4

You need to meet technical requirements for Share1. What should you use?

A. Storage Migration Service

B. File Server Resource Manager (FSRM)

C. Server Manager

D. Storage Replica

Correct Answer: A

Reference: https://docs.microsoft.com/en-us/windows-server/storage/storage-migration-service/overview

QUESTION 5

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 network contains a single-domain Active Directory Domain Services (AD DS) forest named contoso.com. The functional level of the forest is Windows Server 2012 R2. All domain controllers run Windows Server 2012 R2.

Sysvol replicates by using the File Replication Service (FRS).

You plan to replace the existing domain controllers with new domain controllers that will run Windows Server 2022.

You need to ensure that you can add the first domain controller that runs Windows Server 2022.

Solution: You migrate sysvol from FRS to Distributed File System (DFS) Replication.

Does this meet the goal?

A. Yes

B. No

Correct Answer: A

Reference:

https://www.rebeladmin.com/2021/09/step-by-step-guide-active-directory-migration-from-windows-server-2008-r2-to-windows-server-2022/

QUESTION 6

HOTSPOT

Your network contains an Active Directory Domain Services (AD DS) forest. The forest contains the domains shown in the following table.

Name	Domain controller	Configuration
fabrikam.com	DC1	PDC emulator
	DC2	Infrastructure master
	DC3	Read-only domain controller (RODC)
eu.fabrikam.com	DC4	PDC emulator
	DC5	Infrastructure master
	DC6	Read-only domain controller (RODC)

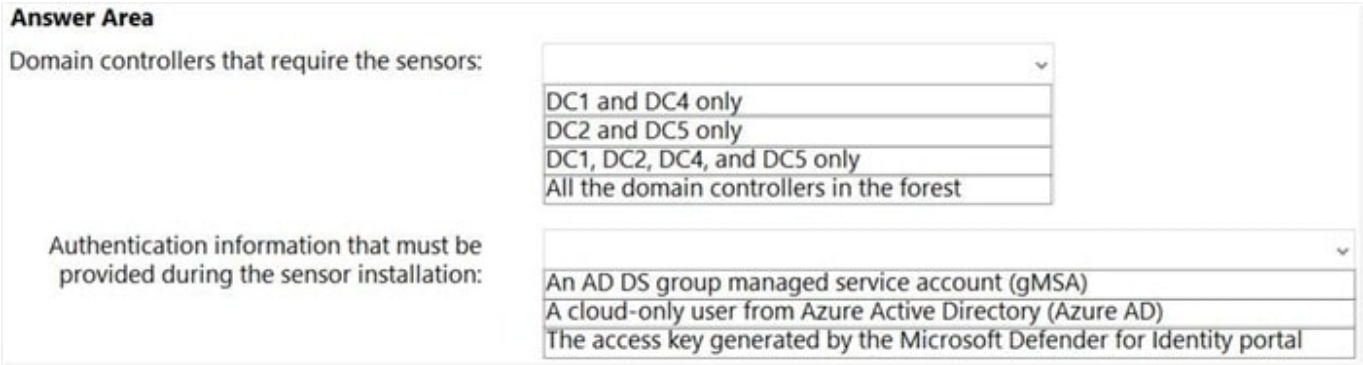
You are implementing Microsoft Defender for Identity sensors.

You need to install the sensors on the minimum number of domain controllers. The solution must ensure that Defender for Identity will detect all the security risks in both the domains.

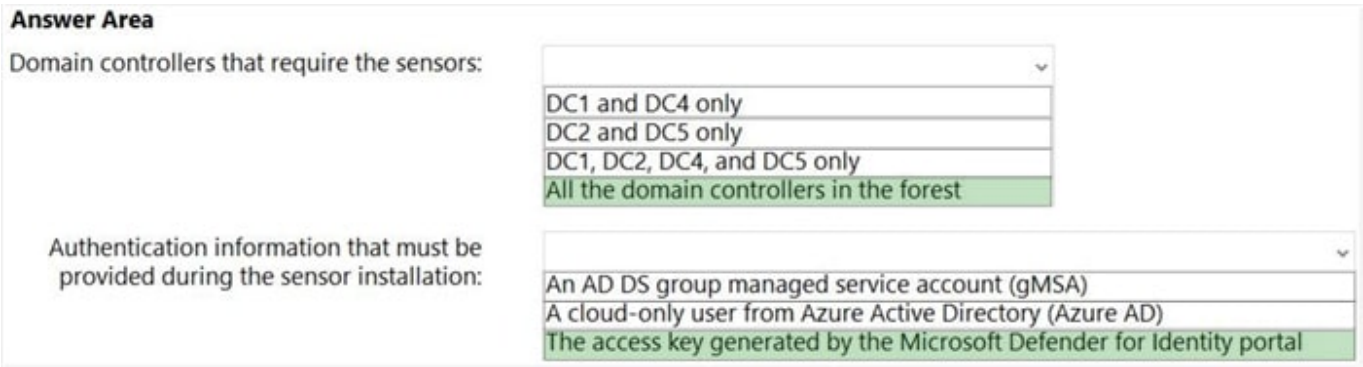
What should you identify? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:



Correct Answer:



QUESTION 7

Your network contains an Active Directory Domain Services (AD DS) domain. The domain contains two servers named Server1 and Server2 that run Windows Server.

You need to ensure that you can use the Computer Management console to manage Server2. The solution must use the principle of least privilege.

Which two Windows Defender Firewall with Advanced Security rules should you enable on Server2? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

A. the COM+ Network Access (DCOM-In) rule

B. all the rules in the Remote Event Log Management group

C. the Windows Management Instrumentation (WMI-In) rule

D. the COM+ Remote Administration (DCOM-In) rule

E. the Windows Management Instrumentation (DCOM-In) rule

Correct Answer: AB

Reference: https://docs.microsoft.com/en-us/windows-server/administration/server-manager/configure-remote-management-in-server-manager

QUESTION 8

HOTSPOT

Your network contains an Active Directory Domain Services (AD DS) domain. The domain contains the servers shown in the following table.

Name	Operating system	Server role
Server1	Windows Server 2019	DHCP Server
Server2	Windows Server 2022	DHCP Server
Server3	Windows Server 2019	File Server

Server3 contains a share named Share1.

On Server1, DHCP has the following configurations:

Conflict detection attempts: 3

An IPv4 scope named Scope1 that has the following settings:

Address Pool: 172.16.10.100 - 172.16.10.130

Address Leases:

172.16.10.100 computer1.contoso.com

172.16.10.101 computer2.contoso.com Reservations: 172.16.10.101 computer2.contoso.com Policies: Policy1

You perform the following actions:

On Server1, you run Export-DhcpServer -File \\Server3\Share1\File1.xml. On Server2, you run Import-DhcpServer -File \\Server3\Share1\File1.xml -BackupPath \\Server3\Share1.

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

NOTE: Each correct selection is worth one point.

Hot Area:

Statements	Yes	No
On Server2, Conflict detection attempts is set to 3.	○	○
On Server2, there is a reservation for computer2.contoso.com.	○	○
On Server2, Policy1 is applied to Scope1.	○	○

Correct Answer:

Statements	Yes	No
On Server2, Conflict detection attempts is set to 3.	○	○
On Server2, there is a reservation for computer2.contoso.com.	○	○
On Server2, Policy1 is applied to Scope1.	○	○

QUESTION 9

You have an on-premises Active Directory Domain Services (AD DS) domain that syncs with an Azure Active Directory (Azure AD) tenant by using password hash synchronization.

You have a Microsoft 365 subscription.

All devices are hybrid Azure AD-joined.

Users report that they must enter their password manually when accessing Microsoft 365 applications.

You need to reduce the number of times the users are prompted for their password when they access Microsoft 365 and Azure services.

What should you do?

A. In Azure AD. configure a Conditional Access policy for the Microsoft Office 365 applications.

B. In the DNS zone of the AD DS domain, create an autodiscover record.

C. From Azure AD Connect, enable single sign-on (SSO).

D. From Azure AD Connect, configure pass-through authentication.

Correct Answer: C

Reference: https://docs.microsoft.com/en-us/azure/active-directory/hybrid/how-to-connect-sso-quick-start

QUESTION 10

You have an Azure virtual machine named VM1. Crash dumps for a process named Process1 are enabled for VM1.

When process1.exe on VM1 crashes, a technician must access the memory dump files on the virtual machine.

The technician must be prevented from accessing the virtual machine.

To what should you provide the technician access?

A. an Azure file share

B. an Azure Log Analytics workspace

C. an Azure Blob Storage container

D. a managed disk

Correct Answer: C

Reference: https://docs.microsoft.com/en-us/azure/azure-monitor/agents/diagnostics-extension-overview

QUESTION 11

HOTSPOT

Your network contains an Active Directory Domain Services (AD DS) domain. The domain contains a server named Server1 that runs Windows Server.

```
ComputerName          : SERVER1
MountPoint            : C:
EncryptionMethod      : None
AutoUnlockEnabled     :
AutoUnlockKeyStored   :
MetadataVersion       : 0
VolumeStatus          : FullyDecrypted
ProtectionStatus      : Off
LockStatus            : Unlocked
EncryptionPercentage  : 0
WipePercentage        : 0
VolumeType            : OperatingSystem
CapacityGB            : 126.5107
KeyProtector          : {}

ComputerName          : SERVER1
MountPoint            : D:
EncryptionMethod      : Aes128
AutoUnlockEnabled     : False
AutoUnlockKeyStored   :
MetadataVersion       : 2
VolumeStatus          : FullyEncrypted
ProtectionStatus      : On
LockStatus            : Unlocked
EncryptionPercentage  : 100
WipePercentage        : 0
VolumeType            : Data
CapacityGB            : 126.5107
KeyProtector          : {Password, RecoveryPassword}
```

You need to ensure that volume D will be unlocked automatically when Server1 restarts.

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

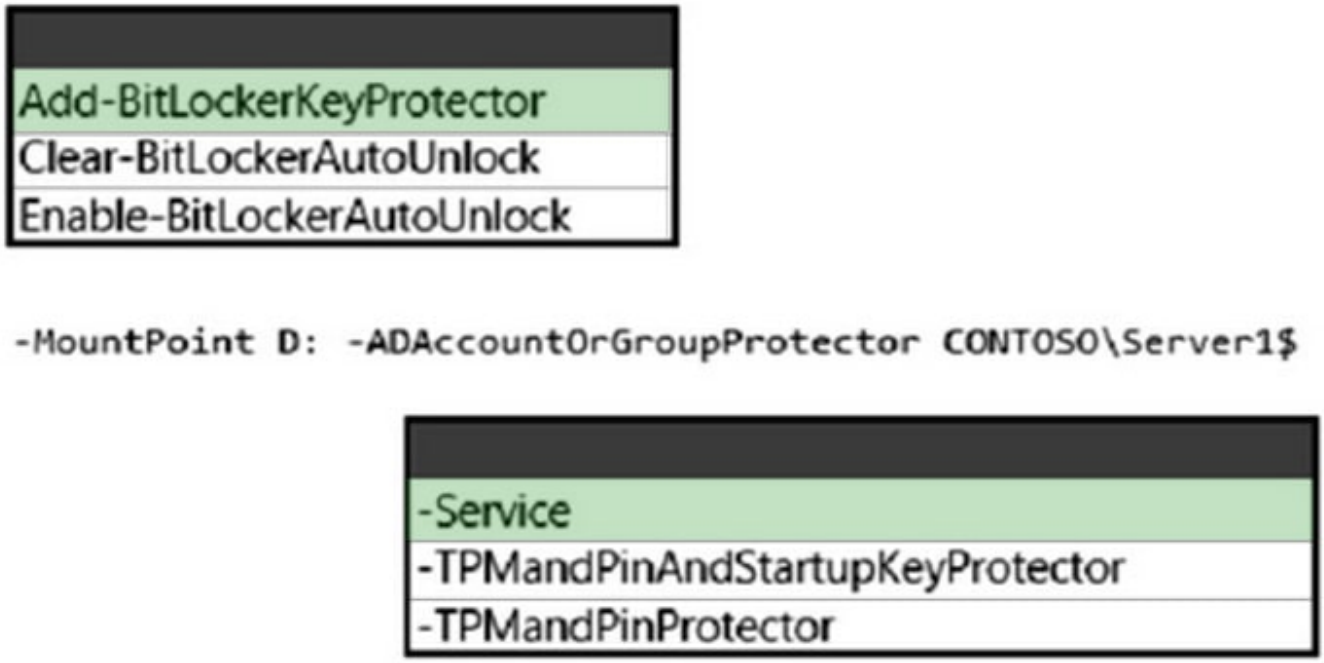
Add-BitLockerKeyProtector
Clear-BitLockerAutoUnlock
Enable-BitLockerAutoUnlock

```
-MountPoint D: -ADAccountOrGroupProtector CONTOSO\Server1$
```

-Service
-TPMandPinAndStartupKeyProtector
-TPMandPinProtector

Correct Answer:

Answer Area



Box 1: Add-BitLockerKeyProtector

From the exhibit we see for volume D that AutoUnlockEnabled is False, and AutoUnlockKeyStored is empty.

The Add-BitLockerKeyProtector cmdlet adds a protector for the volume key of the volume protected with BitLocker Drive Encryption.

Example: The following example adds an ADAccountOrGroup protector to the previously encrypted operating system volume using the SID of the account:

Add-BitLockerKeyProtector C: -ADAccountOrGroupProtector -ADAccountOrGroup S-1-5-21-3651336348-8937238915-291003330-500

Active Directory-based protectors are normally used to unlock Failover Cluster enabled volumes.

Box 2: Service The -Service parameter indicates that the system account for this computer unlocks the encrypted volume.

Add-BitLockerKeyProtector syntax with use of the ADAccountOrGroupProtector parameter:

Add-BitLockerKeyProtector [-MountPoint]

[-ADAccountOrGroupProtector]

[-ADAccountOrGroup]

[-Service]

[-WhatIf]

[-Confirm]

[]

Incorrect:

*

Enable-BitLockerAutoUnlock

The Enable-BitLockerAutoUnlock cmdlet enables automatic unlocking for a volume protected by BitLocker Disk Encryption.

The command has no -ADAccountOrGroupProtector parameter.

Syntax:

Enable-BitLockerAutoUnlock [-MountPoint]

[-WhatIf]

[-Confirm]

[]

*

The Clear-BitLockerAutoUnlock cmdlet removes all automatic unlocking keys used by BitLocker Drive Encryption. BitLocker stores these keys for the fixed data drives of a system on a volume that hosts a BitLocker-enabled operating

system volume so that it can automatically unlock the fixed and removable data volumes in a system. This makes it easier for users to access data volumes.

Syntax: Clear-BitLockerAutoUnlock []

Reference: https://docs.microsoft.com/en-us/windows/security/information-protection/bitlocker/bitlocker-use-bitlocker-drive-encryption-tools-to-manage-bitlocker https://docs.microsoft.com/en-us/powershell/module/bitlocker/add-bitlockerkeyprotector

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QUESTION 12

HOTSPOT

You have a server named Server1 that runs Windows Server.

On Server1, you create a Data Collector Set named CollectorSet1 based on the Basic template.

You need to configure CollectorSet1 to meet the following requirements:

1.

Older performance counter logs must be overwritten by new ones.

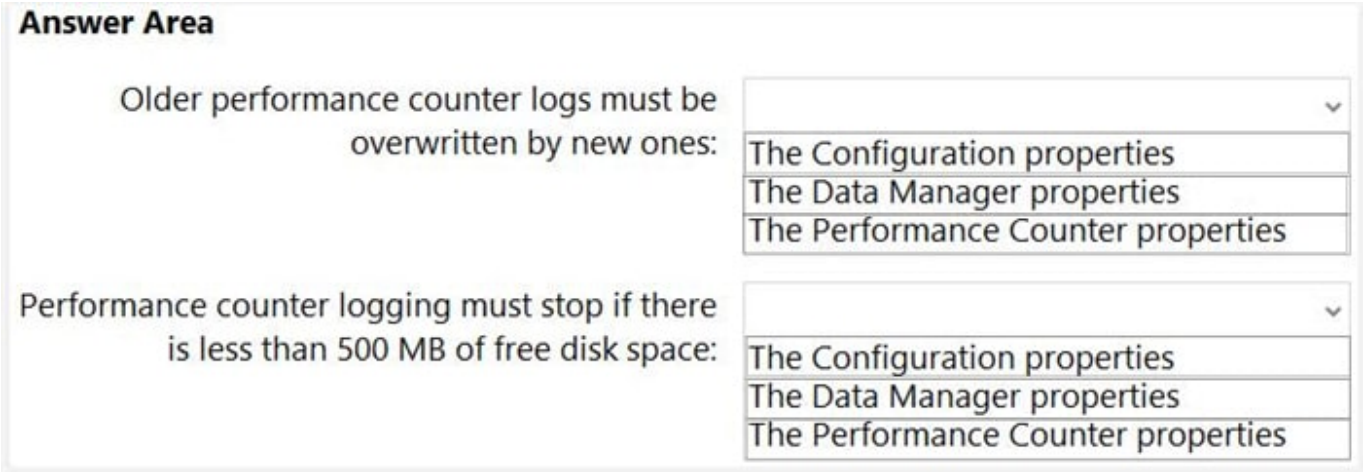
2.

Performance counter logging must stop if there is less than 500 MB of free disk space.

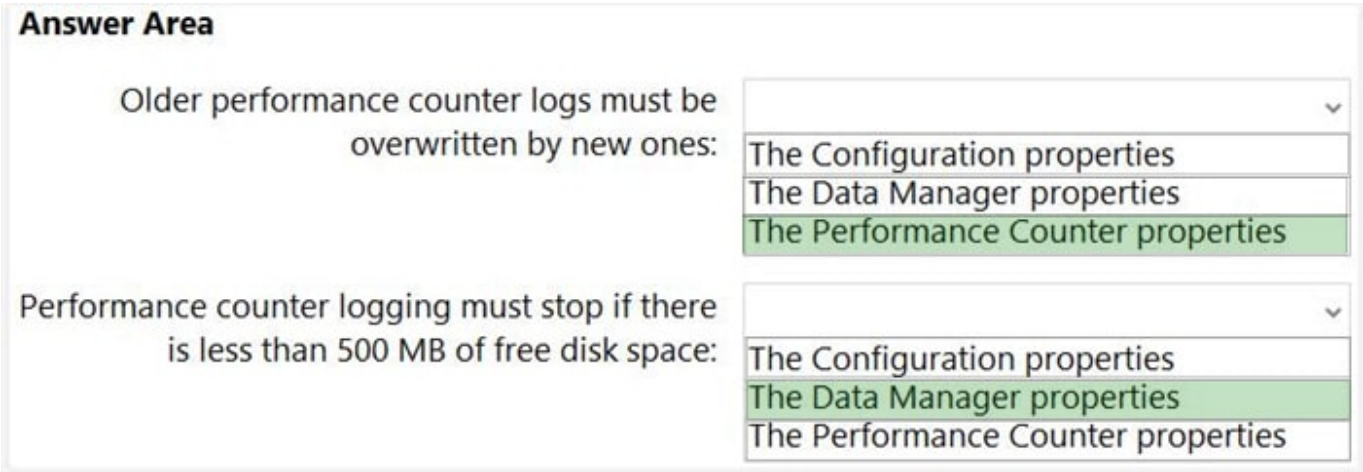
What should you configure for each requirement? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:



Correct Answer:



QUESTION 13

You have two Azure Virtual machines that run Windows Server.

You plan to create a failover cluster that will host the virtual machines.

You need to configure an Azure Storage account that will be used by the cluster as a cloud witness. The solution must maximize resiliency.

Which type of redundancy should you configure for the storage account?

A. Geo-zone-redundant storage (GZRS)

B. Geo-redundant storage (GRS)

C. Zone-redundant storage (ZRS)

D. Locally-redundant storage (LRS)

Correct Answer: C

For Replication, you can select Locally-redundant storage (LRS) or Zone-redundant storage (ZRS) as applicable. ZRS offers more redundancy.

Reference: https://docs.microsoft.com/en-us/windows-server/failover-clustering/deploy-cloud-witness

QUESTION 14

You have an Azure virtual machine named VM1 that runs Windows Server.

You plan to deploy a new line-of-business (LOB) application to VM1.

You need to ensure that the application can create child processes.

What should you configure on VM1?

A. Microsoft Defender Credential Guard

B. Microsoft Defender Application Control

C. Microsoft Defender SmartScreen

D. Exploit protection

Correct Answer: D

Reference: https://docs.microsoft.com/en-us/microsoft-365/security/defender-endpoint/customize-exploit-protection?view=o365-worldwide

QUESTION 15

Your network contains an Active Directory Domain Services (AD DS) forest.

You need to deploy a Storage Spaces Direct converged infrastructure. The solution must meet the following requirements:

1.

Use an Ethernet fabric

2.

Eliminate the need for Data Center Bridging (DCB).

Which Remote Direct Memory Access (RDMA) networking technology should you implement?

A. InfiniBand

B. RoCEv2

C. iWARP

D. RoCEv1

Correct Answer: C