



**Microsoft**

## **Exam Questions AZ-801**

Configuring Windows Server Hybrid Advanced Services

**NEW QUESTION 1**

**HOTSPOT**

You need to configure BitLocker on Server4.

On which volumes can you turn on BitLocker, and on which volumes can you turn on auto-unlock? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

**Answer Area**

BitLocker:

- D only
- C and D only
- D, E, and F only
- C, D, E, and F

Auto-unlock:

- D only
- C and D only
- D, E, and F only
- C, D, E, and F

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Reference: <https://docs.microsoft.com/en-us/windows-server/storage/refs/refs-overview>

<https://docs.microsoft.com/enus/powershell/module/bitlocker/enable-bitlockerautounlock?view=windowsserver2022-ps>

**NEW QUESTION 2**

You need to back up Server 4 to meet the technical requirements.

What should you do first?

- A. Deploy Microsoft Azure Backup Server (MABS).
- B. Configure Windows Server Backup.
- C. Install the Microsoft Azure Recovery Services (MARS) agent.
- D. Configure Storage Replica.

**Answer:** C

**Explanation:**

Reference: <https://docs.microsoft.com/en-us/azure/backup/install-mars-agent>

**NEW QUESTION 3**

**DRAG DROP**

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

The AD DS domain contains a domain controller named DC1. DC1 does NOT have internet access.

You need to configure password security for on-premises users. The solution must meet the following requirements:

Prevent the users from using known weak passwords.

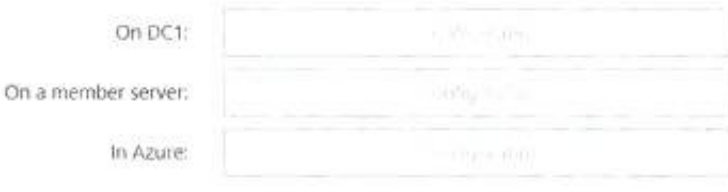
Prevent the users from using the company name in passwords.

What should you do? To answer, drag the appropriate configurations to the correct targets. Each configuration may be used once, more than once, or not at all.

You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Select and Place:

Configurations	Answer Area
Configure Azure AD Identity Protection.	
Configure Azure AD Password Protection.	
Install the Azure AD Pass-through Authentication Agent.	
Install the Azure AD Password Protection DC agent.	
Install the Azure AD Password Protection proxy service.	

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Reference: <https://docs.microsoft.com/en-us/azure/active-directory/authentication/howto-password-ban-bad-on-premisesdeploy>

**NEW QUESTION 4**

You have a server that runs Windows Server. The server is configured to encrypt all incoming traffic by using a connection security rule. You need to ensure that Server1 can respond to the unencrypted tracert commands initiated from computers on the same network. What should you do from Windows Defender Firewall with Advanced Security?

- A. From the IPsec Settings, configure IPsec defaults.
- B. Create a new custom outbound rule that allows ICMPv4 protocol connections for all profiles.
- C. Change the Firewall state of the Private profile to Off.
- D. From the IPsec Settings, configure IPsec exemptions.

**Answer:** D

**NEW QUESTION 5**

You have an Azure virtual machine named VM1. You enable Microsoft Defender SmartScreen on VM1. You need to ensure that the SmartScreen messages displayed to users are logged. What should you do?

- A. From a command prompt, run WinRM quickconfig.
- B. From the local Group Policy, modify the Advanced Audit Policy Configuration settings.
- C. From Event Viewer, enable the Debug log.
- D. From the Windows Security app, configure the Virus & threat protection settings.

**Answer:** C

**Explanation:**

Reference: <https://docs.microsoft.com/en-us/windows/security/threat-protection/microsoft-defender-smartscreen/microsoftdefendersmartscreenoverview>

**NEW QUESTION 6**

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.

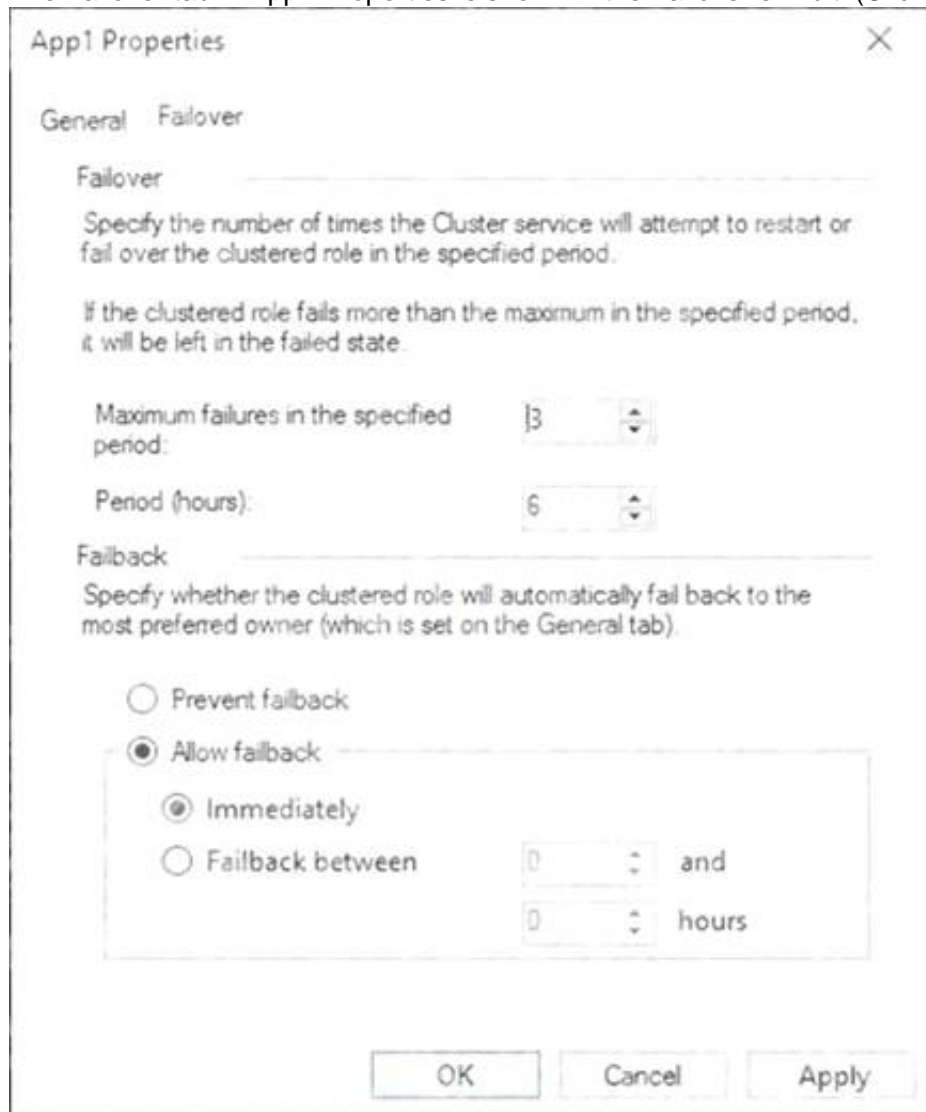
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have a failover cluster named Cluster1 that hosts an application named App1.

The General tab in App1 Properties is shown in the General exhibit. (Click the General tab.)



The Failover tab in App1 Properties is shown in the Failover exhibit. (Click the Failover tab.)



Server1 shuts down unexpectedly.

You need to ensure that when you start Server1, App1 continues to run on Server2.

Solution: You increase Maximum failures in the specified period for the App1 cluster role.

Does this meet the goal?

- A. Yes
- B. No

**Answer: B**

#### Explanation:

The Maximum failures setting is used to determine when the cluster determines that a node is offline. It does not affect whether a cluster will fail back when a node comes online.

#### NEW QUESTION 7

You have a failover cluster named Cluster1 that has the following configurations:

Number of nodes: 6

Quorum: Dynamic quorum

Witness: File share, Dynamic witness

What is the maximum number of nodes that can fail simultaneously while maintaining quorum?

- A. 1
- B. 2
- C. 3
- D. 4
- E. 5

Answer: C

Explanation:

Note this question is asking about nodes failing ‘simultaneously’, not nodes failing one after the other.  
With six nodes and one witness, there are seven votes. To maintain quorum there needs to be four votes available (four votes is the majority of seven). This means that a minimum of three nodes plus the witness need to remain online for the cluster to function. Therefore, the maximum number of simultaneous failures is three.  
Reference: <https://docs.microsoft.com/en-us/windows-server/storage/storage-spaces/understand-quorum>

NEW QUESTION 8

DRAG DROP

You have three servers named Server1, Server2, Server3 that run Windows Server and have the Hyper-V server role installed.  
You plan to create a hyper-converged cluster to host Hyper-V virtual machines.  
You need to ensure that you can store virtual machines in Storage Spaces Direct.  
Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.  
Select and Place:

Actions

Create a failover cluster.

Create a Distributed File System (DFS) namespace.

Enable Storage Spaces Direct.

Create a volume.

Add a Scale-Out File Server for application role.

Create a file share.

Answer Area

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Reference: <https://docs.microsoft.com/en-us/system-center/vmm/s2d-hyper-converged?view=sc-vmm-2019>

NEW QUESTION 9

You have two servers named Server1 and Server2 that run Windows Server. Both servers have the Hyper-V server role installed.  
Server1 hosts three virtual machines named VM1, VM2, and VM3. The virtual machines replicate to Server2.  
Server1 experiences a hardware failure.  
You need to bring VM1, VM2, and VM3 back online as soon as possible.  
From the Hyper-V Manager console on Server2, what should you run for each virtual machine?

- A. Start
- B. Move
- C. Unplanned Failover
- D. Planned Failover

Answer: C

Explanation:

Reference: <https://docs.microsoft.com/en-us/windows-server/virtualization/hyper-v/manage/set-up-hyper-v-replica>

NEW QUESTION 10

DRAG DROP

You have two physical servers named AppSrv1 and AppSrv2 and an unconfigured server named Server1. All the servers run Windows Server.  
Only Server1 can access the internet.  
You plan to use Azure Site Recovery to replicate AppSrv1 and AppSrv2 to Azure.  
You need to deploy the required components to AppSrv1, AppSrv2, and Server1.  
Which components should you deploy? To answer, drag the appropriate components to the correct servers. Each component may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.  
NOTE: Each correct selection is worth one point.  
Select and Place:

Components

The Azure Connected Machine agent

An Azure Site Recovery configuration server

The Azure Site Recovery Mobility Service

The Microsoft Azure Recovery Services (MARS) agent

Answer Area

To AppSrv1 and AppSrv2:

The Azure Connected Machine agent

The Azure Site Recovery Mobility Service

To Server1:

An Azure Site Recovery configuration server

The Microsoft Azure Recovery Services (MARS) agent



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Reference: <https://docs.microsoft.com/en-us/azure/site-recovery/physical-azure-architecture>  
<https://docs.microsoft.com/enus/azure/siterecovery/physical-azure-set-up-source>

NEW QUESTION 10

DRAG DROP

You have two Azure virtual machines named VM1 and VM2. VM1 is backed up to an Azure Recovery Services vault daily and retains backups for 30 days. You need to restore an individual file named C:\Data\Important.docx from VM1 to VM2. The solution must minimize administrative effort.

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.

Select and Place:

Actions	Answer Area
Unmount the disks.	
Download the file recovery script for VM1.	
Copy the file by using Azure Storage Explorer.	
Copy the file by using File Explorer.	
Restore the file by using Windows Server Backup.	
Run the file recovery script on VM2.	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Reference: <https://docs.microsoft.com/en-us/azure/backup/backup-azure-restore-files-from-vm>

NEW QUESTION 13

You have an on-premises server named Server1 that runs Windows Server and has the Hyper-V server role installed.

You have an Azure subscription.

You plan to back up Server1 to Azure by using Azure Backup.

Which two Azure Backup options require you to deploy Microsoft Azure Backup Server (MABS)? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Bare Metal Recovery
- B. Files and folders
- C. System State
- D. Hyper-V Virtual Machines

Answer: AC

Explanation:

Reference: <https://docs.microsoft.com/en-us/azure/backup/backup-mabs-system-state-and-bmr>

NEW QUESTION 16

DRAG DROP

Your network contains an Active Directory Domain Services (AD DS) domain that has the Active Directory Recycle Bin enabled. All domain controllers are backed up daily.

You accidentally remove all the users from a domain group.

You need to get a list of the users that were previously in the group.

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

Select and Place:

Action	Answer Area
Mount Active Directory to port 51389.	
View the membership of the group.	
Restore the system state to an alternate location.	
From the Deleted Objects container in Active Directory Administrative Center, run the Restore task.	
From Active Directory Users and Computers, change the domain controller to localhost:51389.	
Restore the group from the Active Directory Recycle Bin.	

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Reference: <http://sysadmindoc.blogspot.com/2018/10/mount-active-directory-database-from.html>

**NEW QUESTION 17**

You have a server named Server1 that runs Windows Server and has the Hyper-V server role installed. You have a Hyper-V failover cluster named Cluster1. All servers are members of the same domain.

You need to ensure that you use Hyper-V Replica with Kerberos authentication on the default port to replicate virtual machines from Cluster1 to Server1.

What should you do on Server1?

- A. Add primary servers to the Hyper-V Replica Broker configuration.
- B. From Hyper-V Settings, select Enable incoming and outgoing live migrations.
- C. From Windows Defender Firewall with Advanced Security, enable the Hyper-V Replica HTTPS Listener (TCP-In) rule.
- D. From Windows Defender Firewall with Advanced Security, enable the Hyper-V Replica HTTP Listener (TCP-In) rule.

**Answer:** D

**Explanation:**

Reference:

<https://docs.microsoft.com/en-us/windows-server/virtualization/hyper-v/manage/set-up-hyper-v-replica>

**NEW QUESTION 22**

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

**Answer:** A

**Explanation:**

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

**NEW QUESTION 24**

DRAG DROP

Your network contains an Active Directory Domain Services (AD DS) domain named contoso.com. The functional level of the forest and the domain is Windows Server 2012 R2. The domain contains the domain controllers shown in the following table.

Name	Operating system	FSMO role
DC1	Windows Server 2012 R2	All
DC2	Windows Server 2022	None
DC3	Windows Server 2019	None

You need to raise the forest functional level to Windows Server 2016. The solution must meet the following requirements:

Ensure that there are three domain controllers after you raises the level. Minimize how long the FSMO roles are unavailable.

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

Select and Place:

Actions	Answer Area
Install the Active Directory Migration Tool (ADMT).	
Deploy an additional domain controller.	
Raise the domain and forest functional level.	
Upgrade DC3.	
Migrate computer accounts by using the Active Directory Migration Tool (ADMT).	
Upgrade DC1.	
Create a custom AD DS partition.	
Move the FSMO roles to DC2.	

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Actions	Answer Area
Install the Active Directory Migration Tool (ADMT).	Move the FSMO roles to DC2.
Deploy an additional domain controller.	Upgrade DC1.
	Raise the domain and forest functional level.
Upgrade DC3.	
Migrate computer accounts by using the Active Directory Migration Tool (ADMT).	
Create a custom AD DS partition.	

NEW QUESTION 26

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: 1. Address Pool: 172.16.10.100

- 172.16.10.130 2. 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:

Answer Area

Statements	Yes	No
On Server2, Conflict detection attempts is set to 3.	<input type="radio"/>	<input type="radio"/>
On Server2, there is a reservation for computer2.contoso.com.	<input type="radio"/>	<input type="radio"/>
On Server2, Policy1 is applied to Scope1.	<input type="radio"/>	<input type="radio"/>

A. Mastered

B. Not Mastered

Answer: A

Explanation:

Reference: <https://docs.microsoft.com/en-us/powershell/module/dhcpserver/export-dhcpserver?view=windowsserver2022-ps>

<https://docs.microsoft.com/en-us/powershell/module/dhcpserver/import-dhcpserver?view=windowsserver2022-ps>

NEW QUESTION 31

HOTSPOT

You have a server that runs Windows Server and has the Web Server (IIS) server role installed. Server1 hosts a single website that has the following configurations:

Is accessible by using a URL of <https://www.contoso.com:8443> and has an SSL certificate that was issued by a third-partycertification authority (CA) in the

Microsoft Trusted Root Program Uses anonymous authentication Was developed byusing PHPYou plan to use APP Service Migration Assistant to migrate the

website to Azure App Service.

You need to migrate the website. The solution must minimize the number of changes made to the existing website.

What should you do manually to ensure that the website migration is successful? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:



## Answer Area

On Server1:

Change the authentication method.  
 Change the listening port of the website.  
 Redevelop the website code by using ASP.NET.

In Azure:

Create an App Service plan.  
 Copy the source files of the website.  
 Configure a certificate and a custom domain name.

- A. Mastered
- B. Not Mastered

**Answer:** A

### Explanation:

Reference:

<https://docs.microsoft.com/en-us/learn/modules/migrate-app-service-migration-assistant/3-understand-assessment>

<https://docs.microsoft.com/en-us/learn/modules/migrate-app-service-migration-assistant/5-understand-migration>

## NEW QUESTION 36

### DRAG DROP

Your network contains an Active Directory Domain Services (AD DS) domain. The domain contains a print server named Server1. All printers are deployed to users by using a Group Policy Object (GPO) named GPO1.

You deploy a new server named Server2.

You need to decommission Server1. The solution must meet the following requirements:

Migrate the shared printers to Server2 by using the Printer Migration Wizard.

Ensure that the users use the printers on Server2. Minimize downtime for the users.

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.

Select and Place:

#### Actions

Decommission Server1.  
 Import the printers on Server2.  
 Deploy Windows Server Hybrid Cloud Print.  
 Export the printers on Server1.  
 Update the service principal name (SPN) of each printer.  
 Modify GPO1.

#### Answer Area

- A. Mastered
- B. Not Mastered

**Answer:** A

### Explanation:

Reference: <https://docs.microsoft.com/en-us/archive/blogs/canitpro/step-by-step-migrating-print-servers-from-windowsserver-2008-towindowsserver-2012>

## NEW QUESTION 39

You have two servers that run Windows Server as shown in the following table.

Name	Location	Domain/workgroup
Server1	On-premises	Domain
Server2	Azure virtual machine	Workgroup

You need to copy the contents of volume E from Server1 to Server2. The solution must meet the following requirements:

Ensure that files in-use are copied. Minimize administrative effort.

What should you use?

- A. Storage Migration Service
- B. Azure File Sync
- C. Azure Backup
- D. Storage Replica

**Answer:** A

## NEW QUESTION 41

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

**Answer:** A

**Explanation:**

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

**NEW QUESTION 46**

You plan to deploy the Azure Monitor agent to 100 on-premises servers that run Windows Server.  
 Which parameters should you provide when you install the agent?

- A. the client ID and the secret of an Azure service principal
- B. the name and the access key of an Azure Storage account
- C. a connection string for an Azure SQL database
- D. the ID and the key of an Azure Log Analytics workspace

**Answer:** D

**Explanation:**

Reference: <https://docs.microsoft.com/en-us/windows-server/storage/storage-spaces/configure-azure-monitor>

**NEW QUESTION 49**

**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:  
 Older performance counter logs must be overwritten by new ones.  
 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:

**Answer Area**

Older performance counter logs must be overwritten by new ones:

The Configuration properties  
The Data Manager properties  
The Performance Counter properties

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

The Configuration properties  
The Data Manager properties  
The Performance Counter properties

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

**Answer Area**

Older performance counter logs must be overwritten by new ones:

The Configuration properties  
The Data Manager properties  
The Performance Counter properties

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

The Configuration properties  
The Data Manager properties  
The Performance Counter properties

NEW QUESTION 50

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