

# Microsoft

## Exam Questions AZ-801

Configuring Windows Server Hybrid Advanced Services



### NEW QUESTION 1

#### DRAG DROP

You are planning the implementation of Cluster2 to support the on-premises migration plan.

You need to ensure that the disks on Cluster2 meet the security requirements.

In which order should you perform the actions? To answer, move all actions from the list of actions to the answer area and arrange them in the correct order.

Select and Place:

Actions	Answer Area
Add a disk resource to the cluster.	
Enable BitLocker on the volume.	
Update the BitLockerProtectorInfo property of the volume.	
Create a Cluster Shared Volume (CSV).	
Put the disk in maintenance mode.	

- A. Mastered
- B. Not Mastered

**Answer:** A

#### Explanation:

Reference: <https://docs.microsoft.com/en-us/windows-server/failover-clustering/bitlocker-on-csv-in-ws-2022>

### NEW QUESTION 2

You are planning the deployment of Microsoft Sentinel.

Which type of Microsoft Sentinel data connector should you use to meet the security requirements?

- A. Threat Intelligence - TAXII
- B. Azure Active Directory
- C. Microsoft Defender for Cloud
- D. Microsoft Defender for Identity

**Answer:** D

#### Explanation:

Reference:

<https://docs.microsoft.com/en-us/defender-for-identity/cas-isp-legacy-protocols>

### NEW QUESTION 3

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 4

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 server named Server1 that runs Windows Server.

You need to ensure that only specific applications can modify the data in protected folders on Server1. Solution: From Virus & threat protection, you configure Tamper Protection Does this meet the goal?

- A. Yes
- B. No

**Answer:** B

#### Explanation:

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

### NEW QUESTION 5

#### 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.	On DC1: <input type="text"/>
Configure Azure AD Password Protection.	On a member server: <input type="text"/>
Install the Azure AD Pass-through Authentication Agent.	In Azure: <input type="text"/>
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 6

You have an Azure subscription that has Microsoft Defender for Cloud enabled.

You have 50 Azure virtual machines that run Windows Server.

You need to ensure that any security exploits detected on the virtual machines are forwarded to Defender for Cloud.

Which extension should you enable on the virtual machines?

- A. Vulnerability assessment for machines
- B. Microsoft Dependency agent
- C. Log Analytics agent for Azure VMs
- D. Guest Configuration agent

**Answer: A**

**Explanation:**

Reference: <https://docs.microsoft.com/en-us/azure/defender-for-cloud/deploy-vulnerability-assessment-vm>

#### NEW QUESTION 7

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. Kerberos V5
- D. computer certificate

**Answer: D**

**Explanation:**

Reference: <https://docs.microsoft.com/en-us/windows/security/threat-protection/windows-firewall/create-an-authenticationrequest-rule>

#### NEW QUESTION 8

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.)

App1 Properties

General Failover

App1

Name: App1

Preferred Owners  
 Select the preferred owners for this clustered role. Use the buttons to list them in order from most preferred at the top to least preferred at the bottom.

Server1  
 Server2

Priority: Medium

Status: Running

Node: Server2

OK Cancel Apply

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

App1 Properties

General Failover

Failover

Specify the number of times the Cluster service will attempt to restart or fail over the clustered role in the specified period.

If the clustered role fails more than the maximum in the specified period, it will be left in the failed state.

Maximum failures in the specified period: 3

Period (hours): 6

Failback

Specify whether the clustered role will automatically fail back to the most preferred owner (which is set on the General tab).

Prevent failback  
 Allow failback

Immediately  
 Failback between 0 and 0 hours

OK Cancel Apply

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 9**

**HOTSPOT**

You have a failover cluster named FC1 that contains two nodes named Server1 and Server2. FC1 is configured to use a file share witness.

You plan to configure FC1 to use a cloud witness.

You need to configure Azure Storage accounts for the cloud witness.

Which storage account type and authorization method should you configure? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:  
**Answer Area**

Storage account type:

Premium block blobs

Premium file shares

Premium page blobs

Standard

Authentication method:

Access key

Shared access signature (SAS)

System-assigned managed identity in Azure Active Directory (Azure AD)

User-assigned managed identity in Azure Active Directory (Azure AD)

- A. Mastered
- B. Not Mastered

**Answer:** A

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

**NEW QUESTION 10**  
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 10**

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 13**  
HOTSPOT

You have a Hyper-V failover cluster named Cluster1 that uses a cloud witness. Cluster1 hosts a virtual machine named VM1 that runs Windows Server. You need to fail over VM1 automatically to a different node when a service named Service1 on VM1 fails. What should you do on Cluster1 and VM1? To answer, select the appropriate options in the answer area.  
NOTE: Each correct selection is worth one point.  
Hot Area:



## Answer Area

Cluster1: ▼

Modify the settings of the VM1 cluster role.
Configure monitoring of the VM1 cluster role.
Change the startup priority of the VM1 cluster role.

VM1: ▼

Configure the Startup Type of Service1.
Configure the Recovery settings of Service1.
Configure the Startup and Recovery settings.
Install and configure the Azure Monitor agent.

- A. Mastered  
 B. Not Mastered

**Answer:** A

**Explanation:**

## Answer Area

Cluster1: ▼

Modify the settings of the VM1 cluster role.
Configure monitoring of the VM1 cluster role.
Change the startup priority of the VM1 cluster role.

VM1: ▼

Configure the Startup Type of Service1.
Configure the Recovery settings of Service1.
Configure the Startup and Recovery settings.
Install and configure the Azure Monitor agent.

### NEW QUESTION 18

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 23

You have 200 Azure virtual machines.  
 You create a recovery plan in Azure Site Recovery to fail over all the virtual machines to an Azure region. The plan has three manual actions.  
 You need to replace one of the manual actions with an automated process.  
 What should you use?

- A. an Azure Desired State Configuration (DSC) virtual machine extension  
 B. an Azure Automation runbook  
 C. an Azure PowerShell function  
 D. a Custom Script Extension on the virtual machines

**Answer:** B

**Explanation:**

Reference:  
<https://docs.microsoft.com/en-us/azure/site-recovery/recovery-plan-overview>

#### NEW QUESTION 28

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 33

You have an on-premises server that runs Windows Server and has the Web Server (IIS) server role installed. The server hosts a web app that connects to an on-premises Microsoft SQL Server database.

You plan to migrate the web app to an Azure App Services web app. The database will remain on-premises.

You need to ensure that the migrated web app can access the database.

What should you configure in Azure?

- A. an Azure SQL managed instance
- B. an on-premises data gateway
- C. Azure Extended Network
- D. a Hybrid Connection

**Answer:** D

#### Explanation:

Reference: <https://docs.microsoft.com/en-us/azure/app-service/app-service-hybrid-connections>

#### NEW QUESTION 34

DRAG DROP

You have a server named Server1 that runs Windows Server and has the Web Server (IIS) server role installed. Server1 hosts an ASP.NET Core web app named WebApp1 and the app's source files.

You install Docker on Server1.

You need to ensure that you can deploy WebApp1 to an Azure App Service web app from the Azure Container Registry.

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
Run the docker push command.	
Run the docker run command.	
Run the docker build command.	
Create a Dockerfile.	
Create an Azure Resource Manager (ARM) template.	
Run the docker pull command.	

- A. Mastered
- B. Not Mastered

**Answer:** A

#### Explanation:

Step 1: Create a Dockerfile. This file contains instructions for the build process.

Step 2: Run the docker build command to create a container image.

Step 3: Run the docker push command to upload the image to Azure Container Registry.

#### NEW QUESTION 35

You have a server named Server1 that runs the Remote Desktop Session Host role service. Server1 has five custom applications installed.

Users who sign in to Server1 report that the server is slow. Task Manager shows that the average CPU usage on Server1 is above 90 percent. You suspect that a custom application on Server1 is consuming excessive processor capacity.

You plan to create a Data Collector Set in Performance Monitor to gather performance statistics from Server1.

You need to view the resources used by each of the five applications.

Which object should you add to the Data Collector Set?

- A. Processor information
- B. Processor
- C. Process
- D. Processor performance

Answer: C

NEW QUESTION 40

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:	<div>The Configuration properties</div> <div>The Data Manager properties</div> <div>The Performance Counter properties</div>
Performance counter logging must stop if there is less than 500 MB of free disk space:	<div>The Configuration properties</div> <div>The Data Manager properties</div> <div>The Performance Counter properties</div>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Older performance counter logs must be overwritten by new ones:	<div>The Configuration properties</div> <div>The Data Manager properties</div> <div>The Performance Counter properties</div>
Performance counter logging must stop if there is less than 500 MB of free disk space:	<div>The Configuration properties</div> <div>The Data Manager properties</div> <div>The Performance Counter properties</div>

NEW QUESTION 41

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