

# Microsoft

## Exam Questions AZ-801

Configuring Windows Server Hybrid Advanced Services



**NEW QUESTION 1**

HOTSPOT

You need to implement a security policy solution to authorize the applications. The solution must meet the security requirements.

Which service should you use to enforce the security policy, and what should you use to manage the policy settings? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

**Answer Area**

Enforce the security policy:

- Microsoft Defender Application Control
- Microsoft Defender Application Guard
- Microsoft Defender Credential Guard
- Microsoft Defender for Endpoint

Manage the policy settings:

- Configuration profiles in Microsoft Intune
- Compliance policies in Microsoft Intune
- Group Policy Objects (GPOs)

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Reference: <https://docs.microsoft.com/en-us/windows/security/threat-protection/windows-defender-application-control/wdacand-applockeroverview>

**NEW QUESTION 2**

DRAG DROP

You need to meet the technical requirements for Cluster2.

Which four actions should you perform in sequence before you can enable replication? 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
Create an Azure Recovery Services vault.	
Install Azure Connected Machine agents.	
Install and register Azure Site Recovery Providers.	
Create and associate replication policies.	
Create a Hyper-V site.	

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Reference: <https://docs.microsoft.com/en-us/azure/site-recovery/hyper-v-azure-tutorial>

**NEW QUESTION 3**

HOTSPOT

You are planning the www.fabrikam.com website migration to support the Azure migration plan.

How should you configure WebApp1? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

**Answer Area**

To enable WebApp1 to handle requests for the website:

- Add a custom domain name.
- Create a deployment slot.
- Create a private endpoint.

To point client connections to WebApp1:

- Add HTTP redirect rules on WEB1 and WEB2.
- Implement Azure Front Door.
- Implement Azure Traffic Manager.
- Modify a DNS record.

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Box 1: Add a custom domain name

To migrate www.fabrikam.com website to an Azure App Service web app, you need to add Fabrikam.com as a custom domain in Azure. This will make the domain name available to use in the web app.

Box 2: Modify a DNS record

You need to change the DNS record for www.fabrikam.com to point to the Azure web app. HTTP redirect rules won't work because WEB1 and WEB2 will be decommissioned.

Reference: <https://docs.microsoft.com/en-us/azure/app-service/app-service-web-tutorial-custom-domain?tabs=a%2Cazurecli>

**NEW QUESTION 4**

**HOTSPOT**

You need to implement alerts for the domain controllers. The solution must meet the technical requirements.

What should you do on the domain controllers, and what should you create on Azure? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

**Answer Area**

On the domain controllers:

- Create a Data Collector Set in Performance Monitor.
- Modify the Performance Monitor Users group.
- Install the Azure Monitor agent.

In Azure:

- Create an Azure SQL database.
- Create a Storage Sync Service.
- Create an Azure Log Analytics workspace.
- Create an Azure Storage account.

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Reference: <https://docs.microsoft.com/en-us/azure/azure-monitor/agents/azure-monitor-agentoverview?tabs=PowerShellWindows>

**NEW 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.

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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 Controlled folder access.

Does this meet the goal?

- A. Yes
- B. No

**Answer:** A

**Explanation:**

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

**NEW QUESTION 6**

You have a Microsoft Sentinel deployment and 100 Azure Arc-enabled on-premises servers. All the Azure Arc-enabled resources are in the same resource group.

You need to onboard the servers to Microsoft Sentinel. The solution must minimize administrative effort.

What should you use to onboard the servers to Microsoft Sentinel?

- A. Azure Automation
- B. Azure Policy
- C. Azure virtual machine extensions
- D. Microsoft Defender for Cloud

**Answer:** B

**Explanation:**

Reference: <https://docs.microsoft.com/en-us/azure/cloud-adoption-framework/manage/hybrid/server/best-practices/arcpolicies-mma>

**NEW QUESTION 7**

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.

**Answer: C**

**Explanation:**

Reference:

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

#### NEW QUESTION 8

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 9

You are planning the migration of Archive1 to support the on-premises migration plan.

What is the minimum number of IP addresses required for the node and cluster roles on Cluster3?

A. 2

B. 3

C. 4

D. 5

**Answer: B**

**Explanation:**

One IP for each of the two nodes in the cluster and one IP for the cluster virtual IP (VIP).

#### NEW QUESTION 10

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 10

HOTSPOT

You have a Hyper-V failover cluster named Cluster1 at a main datacenter. Cluster1 contains two nodes that have the Hyper-V server role installed. Cluster1 hosts 10 highly available virtual machines.

You have a cluster named Cluster2 in a disaster recovery site. Cluster2 contains two nodes that have the Hyper-V server role installed.

You plan to use Hyper-V Replica to replicate the virtual machines from Cluster1 to Cluster2.

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

NOTE: Each correct selection is worth one point.

Hot Area:

**Answer Area**

Cluster role to create on Cluster2:

Distributed Transaction Coordinator (DTC)
Generic Script
Hyper-V Replica Broker
Virtual machine

Replication target name to specify:

Cluster2
The name of a node on Cluster2
The name of each virtual machine
The name of the Hyper-V Replica Broker

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Reference: <https://docs.microsoft.com/en-us/virtualization/community/team-blog/2012/20120327-why-is-the-hyper-v-replicabroker-required>

**NEW QUESTION 14**

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	Answer Area
The Azure Connected Machine agent	To AppSrv1 and AppSrv2: <input type="text"/>
An Azure Site Recovery configuration server	To Server1: <input type="text"/>
The Azure Site Recovery Mobility Service	
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/en-us/azure/site-recovery/physical-azure-set-up-source>

**NEW QUESTION 18**

DRAG DROP

Your network contains an Active Directory Domain Services (AD DS) domain that has the Active Directory Recycle Bin enabled. The domain contains two domain controllers named DC1 and DC2. The system state of the domain controllers is backed up daily at 23:00 by using Windows Server Backup.

You have an organizational unit (OU) named ParisUsers that contains 1,000 users.

At 08:00, DC1 shuts down for hardware maintenance. The maintenance completes, but DC1 remains shut down.

At 09:00, an administrative error causes the manager attribute of each user in ParisUsers to be deleted.

You need to recover the user account details as quickly as possible. The solution must minimize data loss.

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
Start DC1 normally.
Perform an authoritative restore on DC1.
Recover all the user objects in the Active Directory Recycle Bin.
Start DC1 by using the Last Known Good Configuration.
Start DC1 in Directory Services Restore Mode.
Perform a system state restore on DC1.

Answer Area

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

Actions
Start DC1 normally.
Recover all the user objects in the Active Directory Recycle Bin.
Start DC1 by using the Last Known Good Configuration.

Answer Area

Start DC1 in Directory Services Restore Mode.
Perform a system state restore on DC1.
Perform an authoritative restore on DC1.

**NEW QUESTION 19**

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 24**

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
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.

Answer Area

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

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

**NEW QUESTION 25**

DRAG DROP

You have a server that runs Windows Server.

You plan to back up the server to an Azure Recovery Services vault once per week starting on the next Saturday.

You need to schedule the weekly backup and perform the initial backup as soon as possible.

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
Run the Register Server Wizard.	
From Microsoft Azure Backup, run the Schedule Backup Wizard.	
From Microsoft Azure Backup, run the Back Up Now Wizard.	
Download the Microsoft Azure Recovery Services (MARS) agent and the Vault Credentials file.	
Run the Microsoft Azure Recovery Services Agent Setup Wizard.	

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Reference: <https://docs.microsoft.com/en-us/azure/backup/install-mars-agent#download-the-mars-agent>  
<https://docs.microsoft.com/en-us/azure/backup/backup-windows-with-mars-agent>

**NEW QUESTION 26**

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**

DRAG DROP

You manage 200 physical servers that run Windows Server.

You plan to migrate the servers to Azure.

You need to prepare for discovery of the servers by using Azure Migrate.

Which three actions should you perform in sequence on a physical server? 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
Download and extract the Azure Migrate installer script ZIP file.	
Download and extract the Azure Migrate Appliance VHD file.	
Run AzureMigrateInstaller.ps1.	
Import a virtual machine.	
Configure the appliance and register the appliance with Azure Migrate.	

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Reference: <https://docs.microsoft.com/en-us/azure/migrate/tutorial-discover-physical>

### NEW QUESTION 30

You have two file servers named Server1 and Server2 that run Windows Server. Server1 contains a shared folder named Data. Data contains 10TB of data. You plan to decommission Server1. You need to migrate the files from Data to a new shared folder on Server2. The solution must meet the following requirements: Ensure that share, file, and folder permissions are copied. After the initial copy occurs, ensure that changes in \\Server1\Data can be synced to the destination without initiating a full copy. Minimize administrative effort. What should you use?

- A. xcopy
- B. Storage Replica
- C. Storage Migration Service
- D. azcopy

**Answer: C**

#### Explanation:

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

### NEW QUESTION 31

You have a server named Server1 that runs Windows Server and has the Hyper-V server role installed. You import the Azure Migrate appliance as VM1. You need to register VM1 with Azure Migrate. What should you do in Azure Migrate? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. Create a project.
- B. Add a migration tool.
- C. Add an assessment tool.
- D. Generate a project key.
- E. Download the Azure Migrate installer script ZIP file.

**Answer: ADE**

#### Explanation:

Reference:  
<https://docs.microsoft.com/en-us/azure/migrate/how-to-set-up-appliance-hyper-v>

### NEW QUESTION 34

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-towindows-server-2022/>

### NEW QUESTION 35

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 upgrade the PDC emulator. Does this meet the goal?

- A. Yes
- B. No

**Answer: B**

### NEW QUESTION 36

You have a Site-to-Site VPN between an on-premises network and an Azure VPN gateway. BGP is disabled for the Site-to-Site VPN. You have an Azure virtual network named Vnet1 that contains a subnet named Subnet1. Subnet1 contains a virtual machine named Server1. You can connect to Server1 from the on-premises network.

You extend the address space of Vnet1. You add a subnet named Subnet2 to Vnet1. Subnet2 uses the extended address space. You deploy an Azure virtual machine named Server2 to Subnet2.

You cannot connect to Server2 from the on-premises network. Server1 can connect to Server2.

You need to ensure that you can connect to Subnet2 from the on-premises network.

What should you do?

- A. Add an additional Site-to-Site VPN between the on-premises network and Vnet1.
- B. Add a private endpoint to Subnet2.
- C. To Subnet2, add a route table that contains a user-defined route.
- D. Update the routing information on the on-premises routers.

**Answer: D**

**NEW QUESTION 40**

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