

# Microsoft

## Exam Questions AZ-801

Configuring Windows Server Hybrid Advanced Services



**NEW QUESTION 1**

- (Exam Topic 3)

You have two file servers named Server1 and Server2 that run Windows Server. Server1 contains a shared folder named Data. Data contains 10 TB 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-storage>

**NEW QUESTION 2**

- (Exam Topic 3)

You have a three-node failover cluster.

You need to run pre-scripts and post-scripts when Cluster-Aware Updating (CAU) runs. The solution must minimize administrative effort.

What should you use?

- A. Scheduled tasks
- B. Run profiles
- C. Azure Functions
- D. Windows Server Update Services (WSUS)

**Answer: B**

**NEW QUESTION 3**

- (Exam Topic 3)

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 4**

- (Exam Topic 3)

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.

**Actions**

- 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.

**Answer Area**

- 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 5**

- (Exam Topic 3)

You have an Azure subscription that contains an Azure Recovery Services vault. You have an on-premises physical server that runs Windows Server. You need to back up the server daily to Azure.

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.

Actions	Answer Area
On Server1, install and register the Azure Connected Machine agent.	
Schedule a backup.	
On Server1, install and register the Azure Site Recovery Mobility service agent.	
Download the Vault Credentials file.	
Install and register the Microsoft Azure Recovery Services (MARS) agent.	
Create a recovery plan.	

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Graphical user interface, text, application Description automatically generated

Reference:

<https://docs.microsoft.com/en-us/azure/backup/tutorial-backup-windows-server-to-azure>

**NEW QUESTION 6**

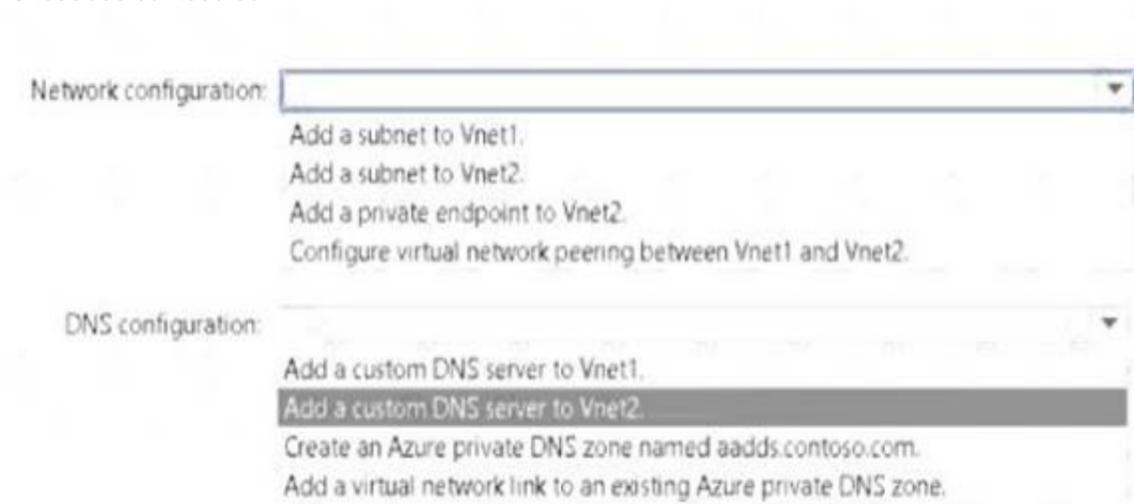
- (Exam Topic 3)

You have an Azure Active Directory Domain Services (Azure AD DS) domain named aadds.contoso.com. You have an Azure virtual network named Vnet1. Vnet1 contains two virtual machines named VM1 and VM2 that run Windows Server. VM1 and VM2 are joined to aadds.contoso.com.

You create a new Azure virtual network named Vnet2. You add a new server named VM3 to Vnet2. When you attempt to join VM3 to aadds.contoso.com, you get an error message that the domain cannot be found.

You need to ensure that you can join VM3 to aadds.contoso.com.

**Answer Area**



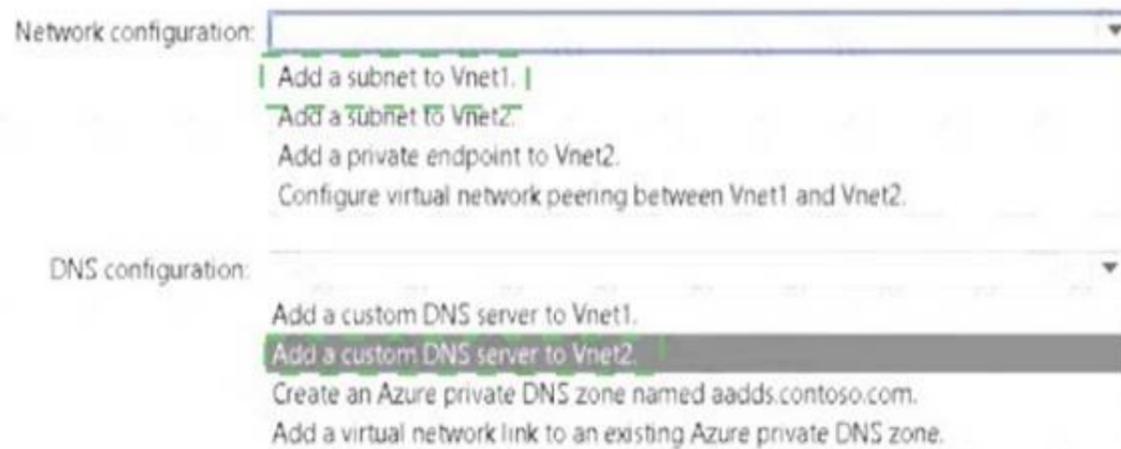
The screenshot shows two dropdown menus for configuration options. The 'Network configuration' dropdown is open, showing options: 'Add a subnet to Vnet1', 'Add a subnet to Vnet2', 'Add a private endpoint to Vnet2', and 'Configure virtual network peering between Vnet1 and Vnet2'. The 'DNS configuration' dropdown is also open, showing options: 'Add a custom DNS server to Vnet1', 'Add a custom DNS server to Vnet2', 'Create an Azure private DNS zone named aadds.contoso.com', and 'Add a virtual network link to an existing Azure private DNS zone'. The option 'Add a custom DNS server to Vnet2' is highlighted.

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

**Answer Area**



**NEW QUESTION 7**

- (Exam Topic 3)

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

**Answer: C**

**Explanation:**

Reference:

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

**NEW QUESTION 8**

- (Exam Topic 3)

Your network contains an Active Directory Domain Service (AD DS) domain named contoso.com. The domain contains three domain controllers named DC1, DC2, and DC3.

You connect a Microsoft Defender for identity instances to the domain.

You need to onboard all the domain controllers to Defender for identity. What should you run on the domain controllers?

- A. AzureConnectedMachineAgent, wsl
- B. MARAgentInstaller, exe
- C. Azure ATP Sensor setup, exe
- D. MASetup-AMD64, exe

**Answer: C**

**NEW QUESTION 9**

- (Exam Topic 3)

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 10**

- (Exam Topic 3)

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-controlled-folders?view=>

**NEW QUESTION 10**

- (Exam Topic 3)

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.

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:**

Graphical user interface, text, table Description automatically generated with medium confidence

Reference:

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

**NEW QUESTION 11**

- (Exam Topic 3)

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. File Server Resource Manager (FSRM)
- B. the Get-StorageSubsystem cmdlet
- C. Disk Management
- D. Windows Admin Center

**Answer:** D

**NEW QUESTION 15**

- (Exam Topic 3)

You have an on-premises network and an Azure virtual network.

You establish a Site-to-Site VPN connection from the on-premises network to the Azure virtual network, but the connection frequently disconnects.

You need to debug the IPsec tunnel from Azure.

Which Azure VPN Gateway diagnostic log should you review?

- A. GatewayDiagnosticLog
- B. RouteDiagnosticLog
- C. IKEDiagnosticLog
- D. TunnelDiagnosticLog

**Answer:** D

**Explanation:**

Reference:

<https://docs.microsoft.com/en-us/azure/vpn-gateway/troubleshoot-vpn-with-azure-diagnostics>

**NEW QUESTION 18**

- (Exam Topic 3)

You have two Azure virtual networks named Vnet1 and Vnet2.

You have a Windows 10 device named Client1 that connects to Vnet1 by using a Point-to-Site (P2S) IKEv2 VPN.

You implement virtual network peering between Vnet1 and Vnet2. Vnet1 allows gateway transit Vnet2 can use the remote gateway. You discover that Client1 cannot communicate with Vnet2. You need to ensure that Client1 can communicate with Vnet2. Solution: You enable BGP on the gateway of Vnet1. Does this meet the goal?

- A. Yes
- B. No

**Answer: B**

**NEW QUESTION 19**

- (Exam Topic 3)

Your on-premises network contains two subnets. The subnets contain servers that run Windows Server as shown in the following table.

Name	IP address
Server1	192.168.1.10
Server2	192.168.0.250
Server3	192.168.0.240
Server4	192.168.0.10

Server4 has the following IP configurations: Ethernet adapter Ethernet:

Connection-specific DNS Suffix . . . :  
 IPv4 Address . . . . . : 192.168.0.10  
 Subnet Mask . . . . . : 255.255.255.0  
 Default Gateway . . . . . : 192.168.0.1

From Server4, you can ping Server1 and Server2 successfully. When you ping Server3, you get a Request timed out response. From Server2, you can ping Server1 and Server3 successfully.

The misconfiguration of which component on Server3 can cause the Request timed out response?

- A. default gateway
- B. IP address
- C. subnet mask
- D. DNS server

**Answer: C**

**NEW QUESTION 22**

- (Exam Topic 3)

Your on-premises network has a 200-Mbps connection to Azure and contains a server named Server1 that stores 70 TB of data files.

You have an Azure Storage account named storage 1.

You plan to migrate the data files from Server1 to a blob storage container in storage!. Testing shows that copying the data files by using azcopy will take approximately 35 days.

You need to minimize how long it will take to migrate the data to Azure. What should you use?

- A. Storage Migration Service
- B. Azure Storage Explorer
- C. Azure Data Box
- D. Azure File Sync

**Answer: C**

**NEW QUESTION 23**

- (Exam Topic 3)

You have two Azure virtual networks named Vnet1 and Vnet2.

You have a Windows 10 device named Client1 that connects to Vnet1 by using a Point-to-Site (P2S) IKEv2 VPN.

You implement virtual network peering between Vnet1 and Vnet2. Vnet1 allows gateway transit Vnet2 can use the remote gateway.

You discover that Client1 cannot communicate with Vnet2. You need to ensure that Client1 can communicate with Vnet2.

Solution: You download and reinstall the VPN client configuration. Does this meet the goal?

- A. Yes
- B. No

**Answer: A**

**NEW QUESTION 28**

- (Exam Topic 3)

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.

**Configurations**

- 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.

**Answer Area**

- On DC1:
- On a member server:
- In Azure:

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

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

**NEW QUESTION 31**

- (Exam Topic 3)

Your network contains an Active Directory Domain Services (AD DS) domain. You need to implement a solution that meets the following requirements:

- > Ensures that the members of the Domain Admins group are allowed to sign in only to domain controllers
- > Ensures that the lifetime of Kerberos Ticket Granting Ticket (TGT) for the members of the Domain Admins group is limited to one hour

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.

**Actions**

- Create a Dynamic Access Control central access policy.
- Configure the Kerberos Policy settings for the Default Domain Policy Group Policy Object (GPO).
- Create a Dynamic Access Control claim type.
- Create an authentication policy.
- Assign the authentication policy silo to user and computer accounts.
- Create an authentication policy silo.

**Answer Area**

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Graphical user interface, text, application, email Description automatically generated  
 Reference:  
<https://docs.microsoft.com/en-us/windows-server/identity/ad-ds/manage/how-to-configure-protected-accounts>

**NEW QUESTION 34**

- (Exam Topic 3)

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 38

- (Exam Topic 3)

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 40

- (Exam Topic 3)

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 App & browser control, you configure the Exploit protection settings.

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-controlled-folders?view=>

#### NEW QUESTION 45

- (Exam Topic 3)

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 App & browser control, you configure the Reputation-based protection.

Does this meet the goal?

- A. Yes
- B. No

**Answer:** B

#### NEW QUESTION 50

- (Exam Topic 2)

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 53

- (Exam Topic 2)

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.

**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:**

Text Description automatically generated

Reference:

<https://docs.microsoft.com/en-us/azure/azure-monitor/agents/azure-monitor-agent-overview?tabs=PowerShellW>

**NEW QUESTION 56**

- (Exam Topic 2)

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
User1 can sign in to Server4 by using Remote Desktop.	<input type="radio"/>	<input type="radio"/>
User2 can sign in to Server4 by using Remote Desktop.	<input type="radio"/>	<input type="radio"/>
User3 can sign in to Server4 by using Remote Desktop.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Text Description automatically generated

**NEW QUESTION 61**

- (Exam Topic 1)

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.

**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:**

Graphical user interface, text, application, chat or text message Description automatically generated

Reference:

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

**NEW QUESTION 64**

- (Exam Topic 1)

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 68**

- (Exam Topic 1)

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.

**Actions**

- 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.

**Answer Area**

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Graphical user interface, text, application, table Description automatically generated

Reference:

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

**NEW QUESTION 71**

- (Exam Topic 1)

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 76**

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