

Exam Questions AZ-801

Configuring Windows Server Hybrid Advanced Services

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NEW QUESTION 1

- (Exam Topic 3)

You have 50 on-premises servers that run Windows Server. You have an Azure subscription that contains 50 virtual machines that run Windows Server. You need to create an Azure Monitor alert that will be triggered if one of the servers or virtual machines has less than 10 percent available disk space. What should you do first?

- A. Create an Alert Rule
- B. Install the Azure Monitor agent on each server.
- C. Enable System Insights on each server.
- D. Create a Log Analytics workspace and configure the Agent management settings.

Answer: A

Explanation:

<https://learn.microsoft.com/en-us/answers/questions/165893/help-to-set-up-azure-alert-for-disk-space-alert-wh.h>

NEW QUESTION 2

- (Exam Topic 3)

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 3

- (Exam Topic 3)

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

When you attempt to install the Azure Performance Diagnostics extension on VM1, the installation fails. You need to identify the cause of the installation failure.

What are two possible ways to achieve the goal? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

- A. Sign in to VM1 and verify the WaAppAgentlog file.
- B. From the Azure portal, view the alerts for VM1.
- C. From the Azure portal, view the activity log for VM1.
- D. Sign into VM1 and verify the MonitoringAgentlog file.

Answer: AB

NEW QUESTION 4

- (Exam Topic 3)

Your network contains an Active Directory Domain Services (AD DS) domain. The domain contains 20 Active Directory sites. All user management is performed from a central site.

You add users to a group.

You discover that group changes do NOT appear on a domain controller in a remote site. You need to identify whether the group changes appear on other domain controllers. What should you use?

- A. Microsoft Support and Recovery Assistant
- B. File Replication Service (FRS) Status Viewer
- C. Active Directory Replication Status Tool
- D. Active Directory Sites and Services

Answer: D

NEW QUESTION 5

- (Exam Topic 3)

You have five Azure virtual machines. You have a dedicated Azure Storage account to collect performance data. You need to send the collected data directly to the Azure Storage account. What should you install on the virtual machines?

- A. the Telegraf agent
- B. the Azure Monitor agent
- C. the Dependency agent

- D. the Azure Diagnostics extension
- E. the Azure Connected Machine agent

Answer: D

NEW QUESTION 6

- (Exam Topic 3)
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.

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:
Text Description automatically generated with medium confidence
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 7

- (Exam Topic 3)
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.
* Operating system disk 600 GB
* Data disc 3 TB
* NIC Teaming: Enabled
* Mobility service: installed
* Windows Firewall: Enabled
* Microsoft Defender Antivirus: Enabled
You need to ensure that you can use Azure Migrate to migrate Server1. Solution: You disable NIC Teaming on Server1.
Does this meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 8

- (Exam Topic 2)
Which domain controller should be online to meet the technical requirements for DC4?

- A. DC1
- B. DC2
- C. DC3

Answer: B

NEW QUESTION 9

- (Exam Topic 3)
You have an Azure subscription. The subscription contains a virtual machine named VM1 that runs Windows Server. The subscription contains the storage accounts shown in the following table.

Name	Performance	Premium account type	Redundancy
storage1	Standard	Not applicable	Geo-redundant storage (GRS)
storage2	Standard	Not applicable	Zone-redundant storage (ZRS)
storage3	Premium	Block blobs	Locally-redundant storage (LRS)
storage4	Premium	File shares	Locally-redundant storage (LRS)

You plan to enable boot diagnostics for VM1.

You need to configure storage for the boot diagnostics logs and snapshots. Which storage account should you use?

- A. storage1
- B. storage2
- C. storage3

Answer: C

NEW QUESTION 10

- (Exam Topic 3)

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 10

- (Exam Topic 3)

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.

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:

Graphical user interface, text Description automatically generated with medium confidence

Reference:

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

NEW QUESTION 13

- (Exam Topic 3)

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.

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:

Text, table Description automatically generated

NEW QUESTION 18

- (Exam Topic 3)

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.

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:

Text Description automatically generated

Reference:

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

NEW QUESTION 21

- (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.

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>

NEW QUESTION 26

- (Exam Topic 3)

You have an on-premises server that runs Windows Server and contains a folder named Folder1. Folder1 contains 50 GB of files. You have an Azure subscription that contains an Azure Files share named share1. You need to migrate the data in Folder1 to share1. What should you do? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Deploy to Azure:

- ArcBox
- An Azure Migrate project
- An on-premises data gateway
- An Azure Storage account**
- A Storage Sync Service instance

Install on Server1:

- The Azure Connected Machine agent
- The Azure File Sync agent**
- Storage Migration Service
- Storage Replica

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Deploy to Azure:

- ArcBox
- An Azure Migrate project
- An on-premises data gateway
- An Azure Storage account**
- A Storage Sync Service instance

Install on Server1:

- The Azure Connected Machine agent
- The Azure File Sync agent**
- Storage Migration Service
- Storage Replica

NEW QUESTION 29

- (Exam Topic 3)

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

You run Get-BitLockerVolume -MountPoint C:, which generates the following output.

```
ComputerName      : SERVER1
MountPoint        : C:
EncryptionMethod  : None
AutoUnlockEnabled : 
AutoUnlockKeyStored : 
MetadataVersion   : B
VolumeStatus      : FullyDecrypted
ProtectionStatus   : Off
LockStatus        : Unlocked
```

Answer Area

- Add-BitLockerKeyProtector
- Clear-BitLockerAutoUnlock
- Enable-BitLockerAutoUnlock

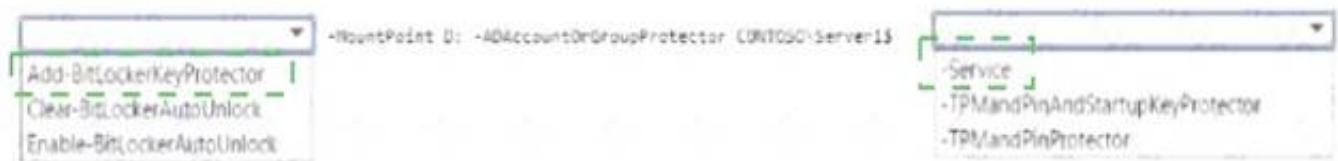
- Service
- TPMAndPinAndStartupKeyProtector
- TPMAndPinProtector

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area



NEW QUESTION 31

- (Exam Topic 3)

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.

* Operating system disk 600 GB

* Data disc 3 TB

* NIC Teaming: Enabled

* Mobility service: installed

* Windows Firewall: Enabled

* 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

Answer: B

NEW QUESTION 35

- (Exam Topic 3)

You have a failover cluster named Cluster1 that contains the nodes shown in the following table.

Name	Server role
Node1	File Server
Node2	File Server
Node3	File Server

A File Server for general use cluster role named HAFS is configured as shown in the General exhibit (Click the General tab.)

Answer Area

- If you select **Move**, and then **Best Possible Node**, HAFS will move to Node3. ☐ ☐
- If you stop and start Cluster1, HAFS will come online on Node1. ☐ ☐
- If you select **Move, Select Node**, and then **Node2**, HAFS will move to Node2. ☐ ☐

A. Mastered

B. Not Mastered

Answer: A

Explanation:

Answer Area

- If you select **Move**, and then **Best Possible Node**, HAFS will move to Node3. ☒ ☐
- If you stop and start Cluster1, HAFS will come online on Node1. ☐ ☒
- If you select **Move, Select Node**, and then **Node2**, HAFS will move to Node2. ☒ ☐

NEW QUESTION 38

- (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 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 A

B. configure a Conditional Access policy for the Microsoft Office 365 applications.

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

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

E. 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 43

- (Exam Topic 3)

You have an on-premises server named Server1 and Microsoft Sentinel instance.

You plan to collect windows Defender Firewall events from Sever1 and analyze the event data by using Microsoft Sentinel.

What should you install on Server1, and which information should you provide during the instance? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

The screenshot shows the configuration interface for Microsoft Sentinel. Under the 'Install' section, three options are listed: 'The Azure Log Analytics gateway', 'The Azure Monitor agent' (which is selected), and 'The Microsoft Azure Recovery Services (MARS) agent'. Under the 'Provide' section, four options are listed: 'The Azure subscription ID and the Microsoft Sentinel name' (selected), 'The Azure Storage account and the storage account access key', 'The Azure Log Analytics workspace ID and the workspace key', and 'The Microsoft Sentinel instance name and Azure AD credentials'.

A. Mastered

B. Not Mastered

Answer: A

Explanation:

Answer Area

This screenshot is identical to the one above, but with green highlights indicating the correct selections. In the 'Install' section, 'The Azure Monitor agent' is highlighted. In the 'Provide' section, 'The Azure subscription ID and the Microsoft Sentinel name' and 'The Azure Storage account and the storage account access key' are highlighted.

NEW QUESTION 47

- (Exam Topic 3)

You have three servers named Server 1. Servers and Server3 that run Windows Server. The servers have the Hyper-V server role installed and are configured in a Storage Spaces Deed cluster named Cluster1.

Cluster1 hosts a virtual machine named VM1 that has Windows Admin Center Installed. You manage all servers and clusters by using Windows Admin Center.

You purchase an Azure subscription.

You need to configure email alerts in Azure Monitor for the following:

- Disk Capacity Utilization Over 80% for 10 Minutes
- Any critical alert in the cluster system event log
- Memory Utilization over 95% for 10 minutes
- Heartbeat fewer than 5 beats for 5 Minutes.
- CPU Utilization over 85 % for 10 Minutes.
- Any hearth service faults for the cluster

The solution must use the minimum amount of administrative effort. What should you do?

A. From Windows Admin Center, configure Azure Monitor and onboard clustered.

B. From Azure portal, configure Azure Monitor and onboard Cluster1 by using Azure Arc.

C. Configure Azure Monitor and manually install the Microsoft Monitoring Agent on Server1, Server2 and Server3

Answer: A

NEW QUESTION 48

- (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 49

- (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.

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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 run the Active Directory Migration Tool (ADMT).

Does this meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 53

- (Exam Topic 3)

You have 100 Azure virtual machines that run Windows Server. The virtual machines are onboarded to Microsoft Defender for Cloud.

You need to shut down a virtual machine automatically if Microsoft Defender for Cloud generates the "Antimalware disabled in the virtual machine" alert for the virtual machine.

What should you use in Microsoft Defender for Cloud?

- A. a logic app
- B. a workbook
- C. a security policy
- D. adaptive network hardening

Answer: A

Explanation:

Reference:

<https://docs.microsoft.com/en-us/azure/defender-for-cloud/managing-and-responding-alerts>

NEW QUESTION 57

- (Exam Topic 2)

You are evaluating the technical requirements for Cluster2.

What is the minimum number of Azure Site Recovery Providers that you should install?

- A. 1
- B. 4
- C. 12
- D. 16

Answer: B

NEW QUESTION 58

- (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 62

- (Exam Topic 2)

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.

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/en-us/powershell/module/bitlocker/enable-bitlockerautounlock?view=windowsserver>

NEW QUESTION 63

- (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 67

- (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 71

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