



Microsoft

Exam Questions AZ-801

Configuring Windows Server Hybrid Advanced Services

NEW QUESTION 1

- (Exam Topic 3)

You have five Azure virtual machines.

You need to collect performance data and Windows Event logs from the virtual machines. The data collected must be sent to an Azure Storage account.

What should you install on the virtual machines?

- A. the Azure Connected Machine agent
- B. the Azure Monitor agent
- C. the Dependency agent
- D. the Telegraf agent
- E. the Azure Diagnostics extension

Answer: E

Explanation:

Reference:

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

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)

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 disk 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 5

- (Exam Topic 3)

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 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

Network configuration:

- Add a subnet to Vnet1.
- Add a subnet to Vnet2.
- Add a private endpoint to Vnet2.
- Configure virtual network peering between Vnet1 and Vnet2.

DNS configuration:

- Add a custom DNS server to Vnet1.
- Add a custom DNS server to Vnet2.
- Create an Azure private DNS zone named aadds.contoso.com.
- Add a virtual network link to an existing Azure private DNS zone.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Network configuration:

- Add a subnet to Vnet1.
- Add a subnet to Vnet2.
- Add a private endpoint to Vnet2.
- Configure virtual network peering between Vnet1 and Vnet2.

DNS configuration:

- Add a custom DNS server to Vnet1.
- Add a custom DNS server to Vnet2.
- Create an Azure private DNS zone named aadds.contoso.com.
- Add a virtual network link to an existing Azure private DNS zone.

NEW QUESTION 7

- (Exam Topic 3)

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. KerberosV5
- D. computer certificate

Answer: D

Explanation:

Reference:

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

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 or identity instances to the domain.

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

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	<i>Not applicable</i>	Geo-redundant storage (GRS)
storage2	Standard	<i>Not applicable</i>	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 an Azure virtual machine named VM1 that runs Windows Server. VM1 has boot diagnostics configured to use a managed storage account.

You are troubleshooting connectivity issue on VM1.

You need to run a PowerShell cmdlet on VM1 by using the Azure Serial Console.

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

- From the Azure portal, configure the Boot diagnostics settings for VM1 to use a custom storage account.
- From the Azure portal, open the Run command blade.
- From the Azure portal, open the Serial console blade of VM1.
- From the Azure portal, enable just in time (JIT) VM access to VM1.
- From the Serial console, run `ch -si 1` and sign in by using a local account.
- From the Serial console, run `cmd`.

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/troubleshoot/azure/virtual-machines/serial-console-overview> <https://docs.microsoft.com/en-us/troubleshoot/azure/virtual-machines/serial-console-windows>

NEW QUESTION 12

- (Exam Topic 3)

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.

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:

Graphical user interface, text, application Description automatically generated

Reference:

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

NEW QUESTION 16

- (Exam Topic 3)

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.

Actions**Answer Area**

- A. Mastered
B. Not Mastered

Answer: A**Explanation:**

Graphical user interface, text, application Description automatically generated

Reference:

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

NEW QUESTION 20

- (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 24

- (Exam Topic 3)

You have three servers named Server1. Server1 and Server3 that run Windows Server and have the hyper V server role installed. Server 1 hosts an Azure Migrate appliance named Migrate1.

You plan to migrate virtual machines to Azure.

You need to ensure that any new virtual machines created on Server 1. Server2 and Server3 are available in Azure Migrate

What should you do?

- A. On Migrate1, add a discovery source.
B. On the DNS server used by Migrate 1, create a GlobalName zone.
C. On Migrate1, set the Startup Type of the Computer Browser service to Automatic
D. On the network that has Migrate1 deployed, deploy a WINS server.

Answer: A**NEW QUESTION 26**

- (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 upgrade the PDC emulator.

Does this meet the goal?

- A. Yes
B. No

Answer: B

NEW QUESTION 28

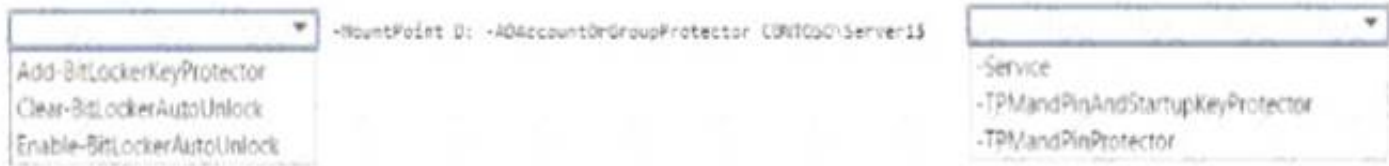
- (Exam Topic 3)

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:\D | fl *`, which generates the following output.

```
ComputerName      : SERVER1
MountPoint        : C:
EncryptionMethod   : None
AutoUnlockEnabled  :
AutoUnlockKeyStored :
MetadataVersion    : 0
VolumeStatus       : FullyDecrypted
ProtectionStatus    : Off
LockStatus         : Unlocked
```

Answer Area

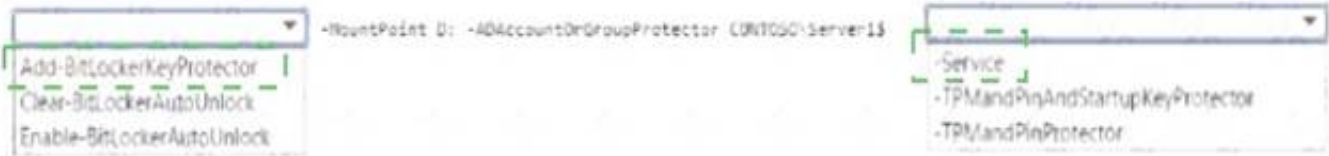


- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area



NEW QUESTION 32

- (Exam Topic 3)

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
- E. configure the Virus & threat protection settings.

Answer: C

Explanation:

Reference:

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

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.

The diagram illustrates HAFS movement between three nodes. In the first scenario, selecting 'Move' and 'Best Possible Node' results in HAFS moving to Node3. In the second scenario, stopping and starting Cluster1 results in HAFS coming online on Node1. In the third scenario, selecting 'Move, Select Node' and then 'Node2' results in HAFS moving to Node2.

NEW QUESTION 36

- (Exam Topic 3)

Your network contains an Active Directory Domain Services (AD DS) forest. The forest contains the domains shown in the following table.

Name	Domain controller	Configuration
fabrikam.com	DC1	PDC emulator
	DC2	Infrastructure master
	DC3	Read-only domain controller (RODC)
eu.fabrikam.com	DC4	PDC emulator
	DC5	Infrastructure master
	DC6	Read-only domain controller (RODC)

You are implementing Microsoft Defender for Identity sensors.
You need to install the sensors on the minimum number of domain controllers. The solution must ensure that Defender for Identity will detect all the security risks in both the domains.
What should you identify? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Domain controllers that require the sensors:

DC1 and DC4 only

DC2 and DC5 only

DC1, DC2, DC4, and DC5 only

All the domain controllers in the forest

Authentication information that must be provided during the sensor installation:

An AD DS group managed service account (gMSA)

A cloud-only user from Azure Active Directory (Azure AD)

The access key generated by the Microsoft Defender for Identity portal

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:
Text, table Description automatically generated
Reference:
<https://docs.microsoft.com/en-us/defender-for-identity/technical-faq#deployment> <https://docs.microsoft.com/en-us/defender-for-identity/install-step4>

NEW QUESTION 39

- (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 43

- (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 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 45

- (Exam Topic 3)

You have three servers named Server 1, Server2, and Server3 that run Windows Server. The servers have the Hyper-V server role installed and are configured in a Storage Spaces Direct 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 health 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 46

- (Exam Topic 3)

You need to use a comma-separated value (CSV) file to import server inventory to Azure Migrate. Which fields are mandatory for each entry in the CSV file?

- A. Server name
- B. Cores, OS Name, and Memory (in MB)
- C. Server name, IP address
- D. Disk 1 size (in GB), and CPU utilization percentage
- E. Server name, IP addresses, OS version, and Number of disks

Answer: B

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.

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.

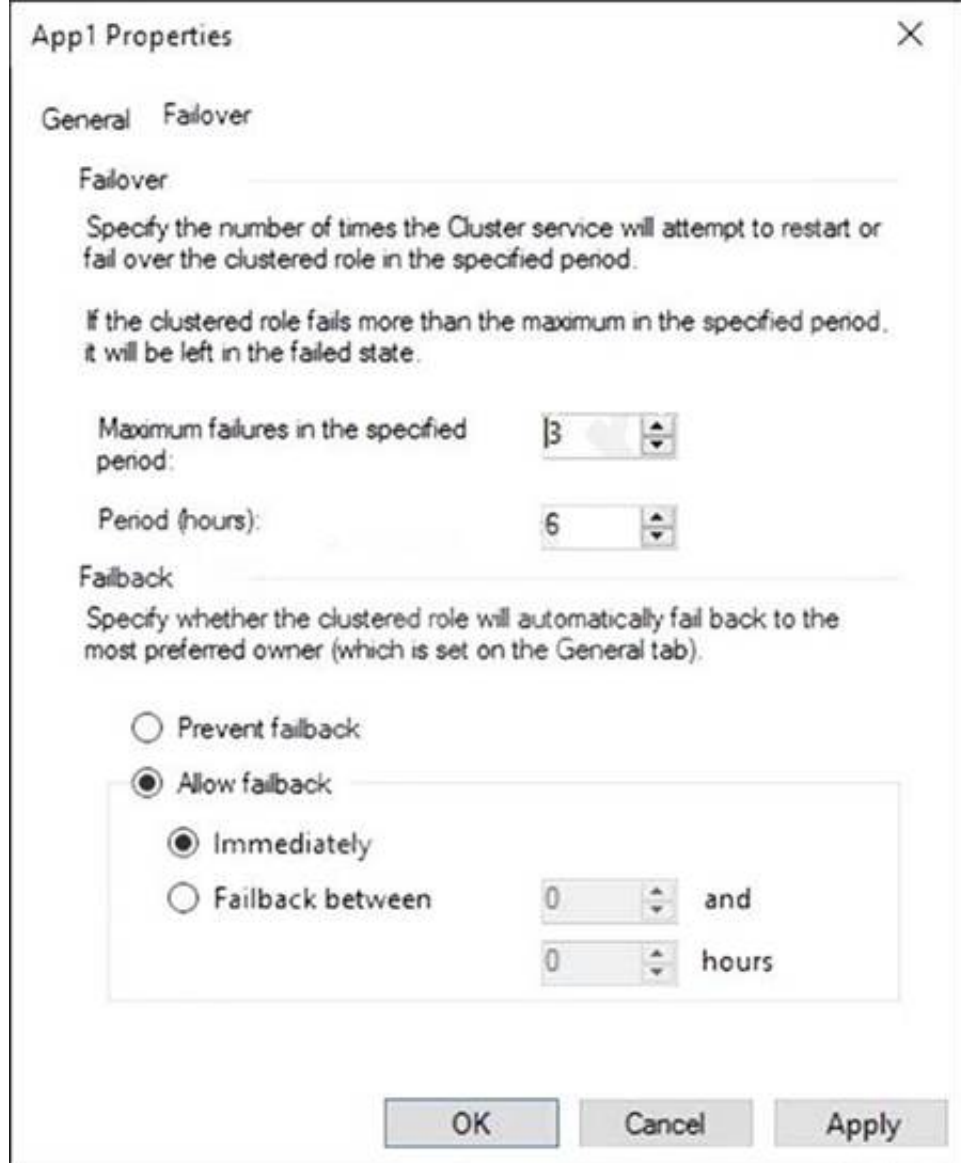
☐ Server1
☐ Server2

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.)



Server1 shuts down unexpectedly.

You need to ensure that when you start Server1, App1 continues to run on Server2. Solution: From the Failover settings, you select Prevent failback. Does this meet the goal?

- A. Yes
- B. No

Answer: A

Explanation:

The Prevent failback setting will prevent the cluster failing back to Server1.

NEW QUESTION 53


- (Exam Topic 3)

You have three servers named Host1, Host2, and VM1 that run Windows Server. Host1 and Host2 have the Hyper-V server role installed. VM1 is a virtual machine hosted on Host1.

You configure VM1 to replicate to Host2 by using Hyper-V Replica.

Which types of failovers can you perform on VM1 on each host? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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

NEW QUESTION 58

- (Exam Topic 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 63

- (Exam Topic 1)

You are remediating the firewall security risks to meet the security requirements. What should you configure to reduce the risks?

- A. a Group Policy Object (GPO)
- B. adaptive network hardening in Microsoft Defender for Cloud
- C. a network security group (NSG) in Sub1
- D. an Azure Firewall policy

Answer: A

Explanation:

Firewall rules configured in a Group Policy Object cannot be modified by local server administrators. Reference:

<https://docs.microsoft.com/en-us/windows/security/threat-protection/windows-firewall/create-an-inbound-port-r>

NEW QUESTION 66

- (Exam Topic 1)

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.

Answer Area

To enable WebApp1 to handle requests for the website:

<input type="checkbox"/>
Add a custom domain name.
Create a deployment slot.
Create a private endpoint.

To point client connections to WebApp1:

<input type="checkbox"/>
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%2Cazurecl>

NEW QUESTION 69

.....

Thank You for Trying Our Product

We offer two products:

1st - We have Practice Tests Software with Actual Exam Questions

2nd - Questions and Answers in PDF Format

AZ-801 Practice Exam Features:

- * AZ-801 Questions and Answers Updated Frequently
- * AZ-801 Practice Questions Verified by Expert Senior Certified Staff
- * AZ-801 Most Realistic Questions that Guarantee you a Pass on Your FirstTry
- * AZ-801 Practice Test Questions in Multiple Choice Formats and Updatesfor 1 Year

100% Actual & Verified — Instant Download, Please Click
[Order The AZ-801 Practice Test Here](#)