



Microsoft

Exam Questions AZ-801

Configuring Windows Server Hybrid Advanced Services

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NEW QUESTION 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-rule>

NEW QUESTION 2

HOTSPOT

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.

Hot Area:

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/enus/powershell/module/bitlocker/enable-bitlockerautounlock?view=windowsserver2022-ps>

NEW QUESTION 3

HOTSPOT

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

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:
Answer Area

Statements	Yes	No
User1 can sign in to Server4 by using Remote Desktop.	<input type="radio"/>	<input checked="" type="radio"/>
User2 can sign in to Server4 by using Remote Desktop.	<input checked="" type="radio"/>	<input type="radio"/>
User3 can sign in to Server4 by using Remote Desktop.	<input type="radio"/>	<input checked="" type="radio"/>

NEW QUESTION 4

You need to meet the technical requirements for Cluster3.
What should you include in the solution?

- A. Enable integration services on all the virtual machines.
- B. Add a Windows Server server role.
- C. Configure a fault domain doe the cluster.
- D. Add a failover cluster role.

Answer: D

Explanation:
The Hyper-V replica broker role is required on the cluster.
Reference: <https://docs.microsoft.com/en-us/virtualization/community/team-blog/2012/20120327-why-is-the-hyper-v-replicabroker-required>

NEW QUESTION 5

HOTSPOT

You are planning the DHCP1 migration to support the DHCP migration plan.

Which two PowerShell cmdlets should you run on DHCP1, and which two PowerShell cmdlets should you run on DHCP2?

To answer, drag the appropriate cmdlets to the correct servers. Each cmdlet 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:

Cmdlets	Answer Area
Add-DhcpServerInDC	DHCP1: <input type="text" value="Cmdlet"/>
Add-DhcpServerv4Scope	<input type="text" value="Cmdlet"/>
Export-DhcpServer	
Import-DhcpServer	DHCP2: <input type="text" value="Cmdlet"/>
Remove-DhcpServerInDC	<input type="text" value="Cmdlet"/>
Remove-DhcpServerv4Scope	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:
Reference: <https://theitbros.com/how-to-migrate-dhcp-to-windows-server-2016/>

NEW QUESTION 6

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

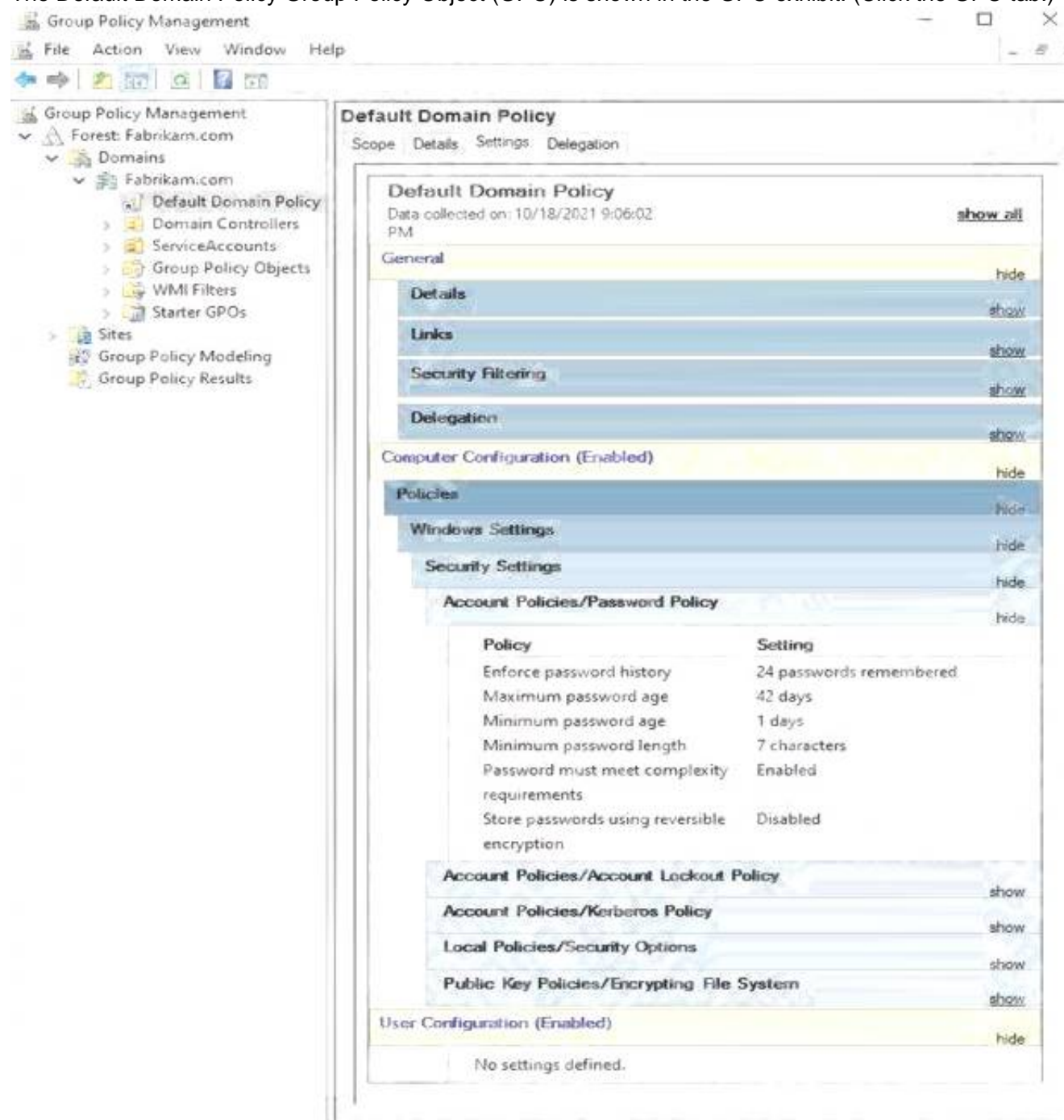
Explanation:

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

NEW QUESTION 7

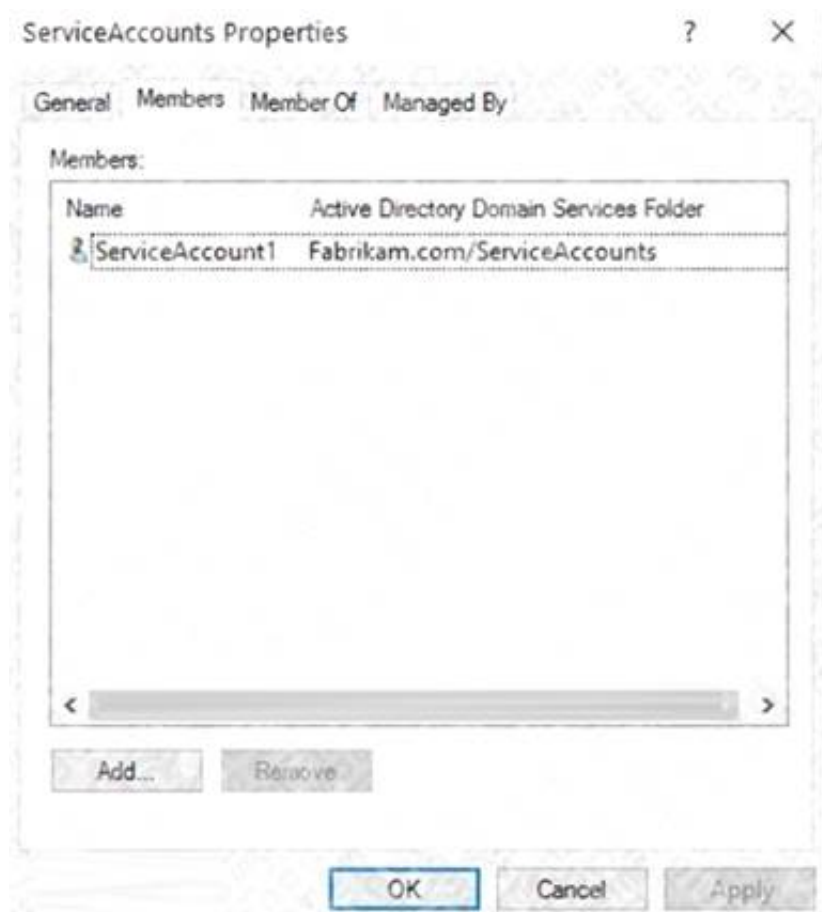
HOTSPOT

The Default Domain Policy Group Policy Object (GPO) is shown in the GPO exhibit. (Click the GPO tab.)

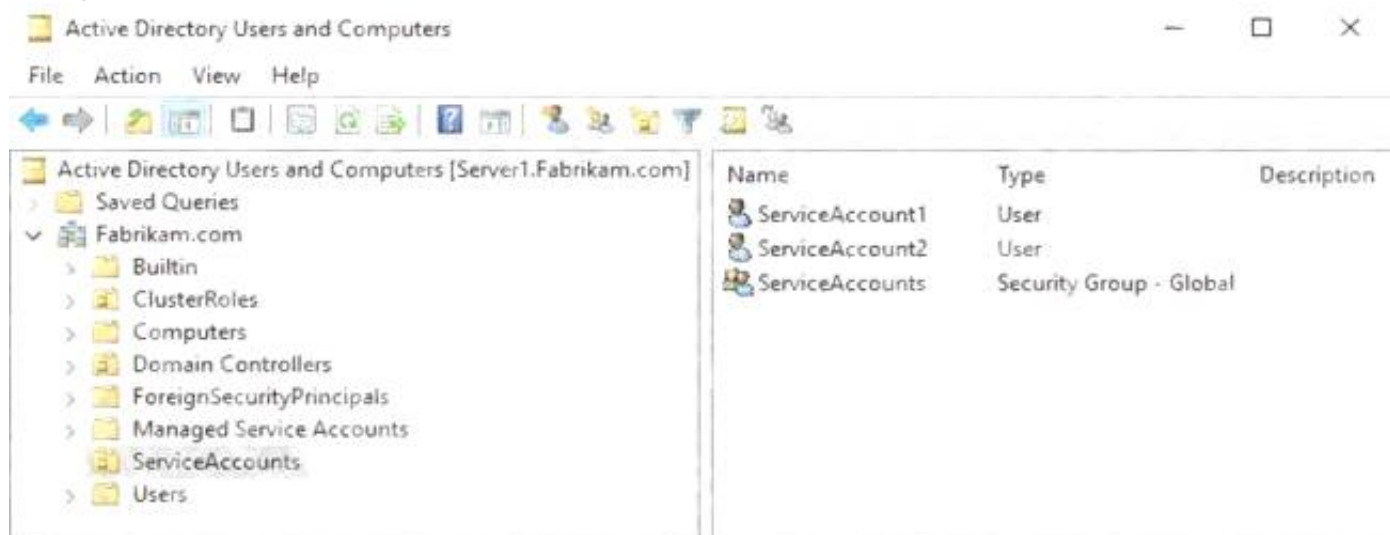


The screenshot shows the Group Policy Management console for the Forest: Fabrikam.com. The left pane shows the hierarchy: Group Policy Management > Forest: Fabrikam.com > Domains > Fabrikam.com > Default Domain Policy. The right pane shows the details of the Default Domain Policy GPO, which is currently selected. The 'Scope' tab is active, showing the policy's configuration. The policy is titled 'Default Domain Policy' and was last updated on 10/18/2021 at 9:06:02 PM. The policy is currently 'Enabled'. The 'Computer Configuration' section is expanded, showing various settings including 'Enforce password history', 'Maximum password age', 'Minimum password age', 'Minimum password length', 'Password must meet complexity requirements', and 'Store passwords using reversible encryption'. The 'User Configuration' section is also expanded, showing settings for 'Account Policies/Account Lockout Policy', 'Account Policies/Kerberos Policy', 'Local Policies/Security Options', and 'Public Key Policies/Encrypting File System'.

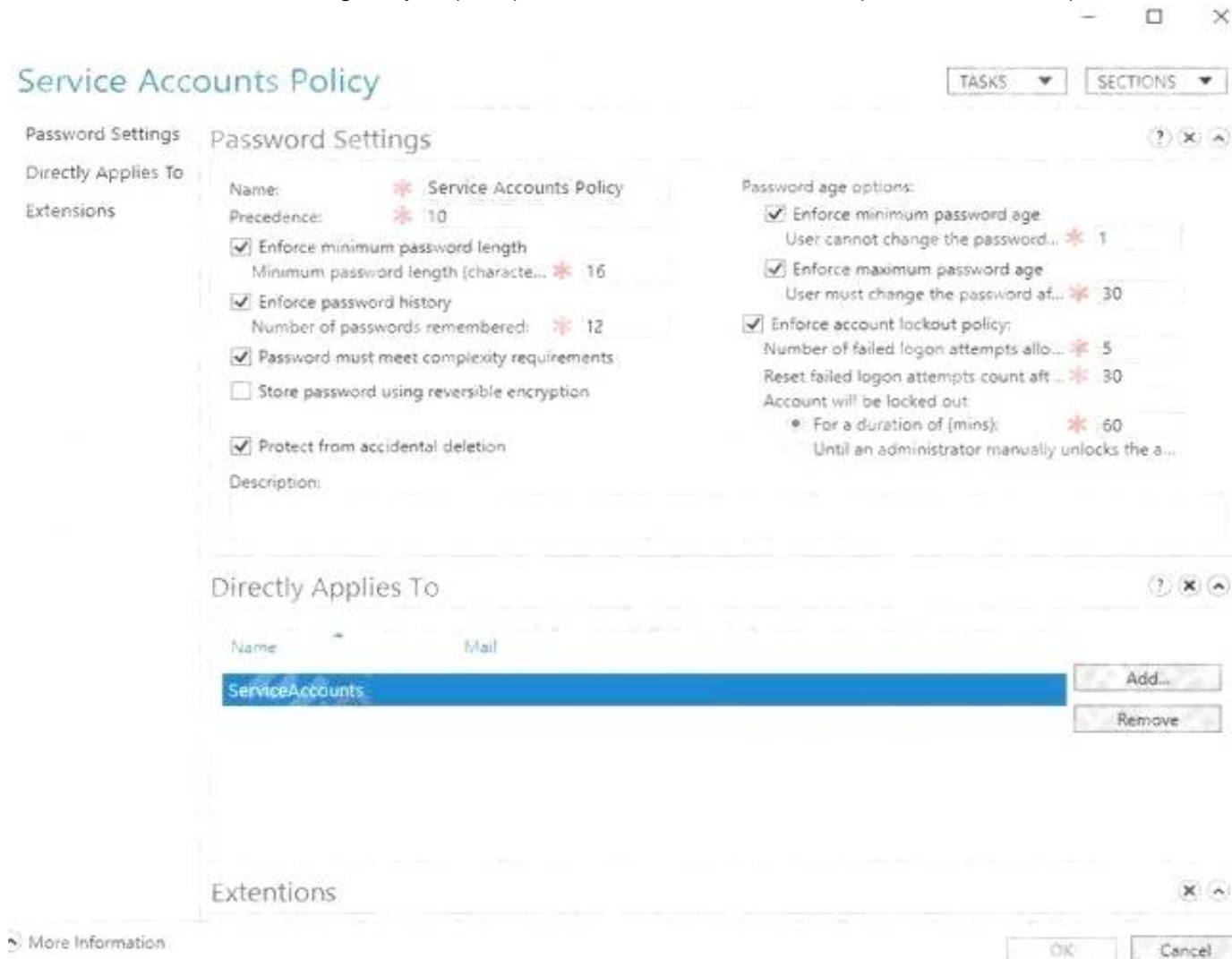
The members of a group named Service Accounts are shown in the Group exhibit. (Click the Group tab.)



An organizational unit (OU) named ServiceAccounts is shown in the OU exhibit. (Click the OU tab.)



You create a Password Settings Object (PSO) as shown in the PSO exhibit. (Click the PSO tab.)



For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements	Yes	No
The password of ServiceAccount1 must be at least 16 characters long.	<input type="radio"/>	<input type="radio"/>
The password of ServiceAccount2 must be at least 16 characters long.	<input type="radio"/>	<input type="radio"/>
Accounts that have the Service Accounts Policy applied can change their password to P@\$w0rd1.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Reference: https://docs.microsoft.com/en-us/windows-server/identity/ad-ds/get-started/adac/introduction-to-active-directoryadministrativecenterenhancements--level-100-#fine_grained_pswd_policy_mgmt

NEW QUESTION 8

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 9

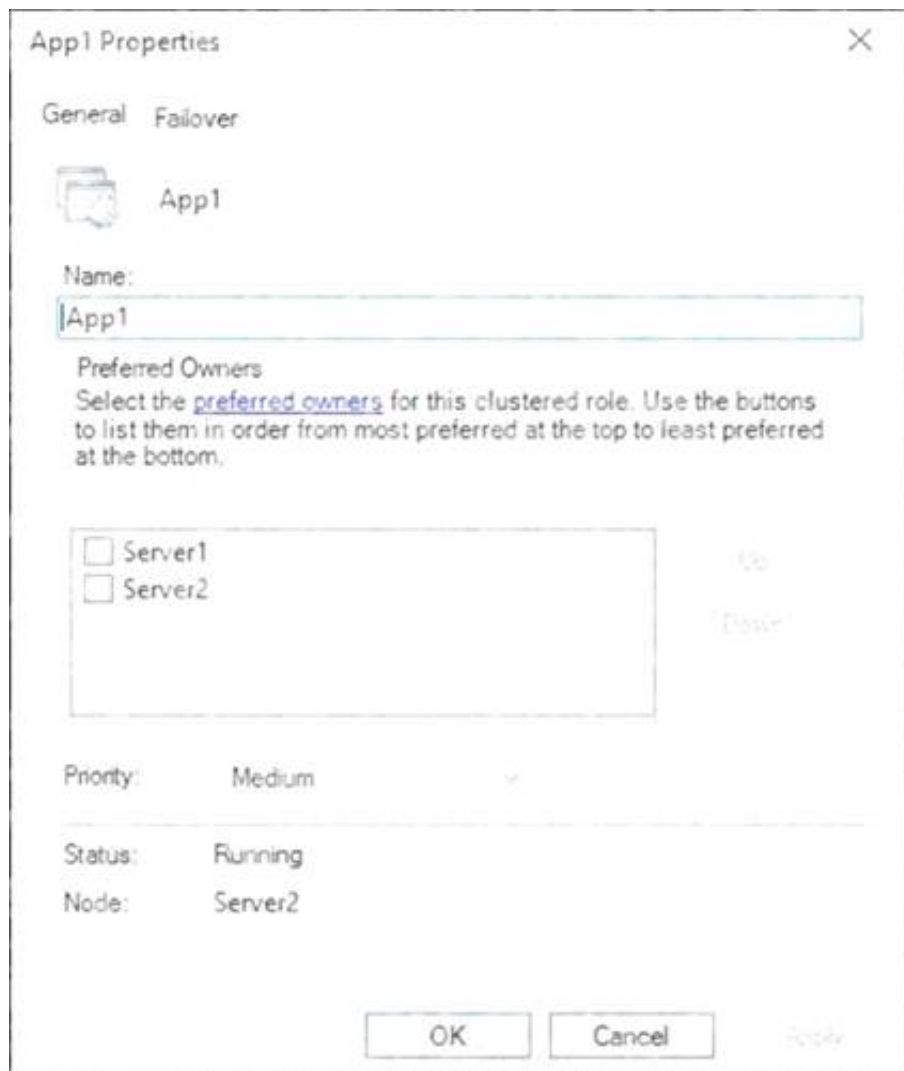
You have a server that runs Windows Server. The server is configured to encrypt all incoming traffic by using a connection security rule. You need to ensure that Server1 can respond to the unencrypted tracert commands initiated from computers on the same network. What should you do from Windows Defender 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 10

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

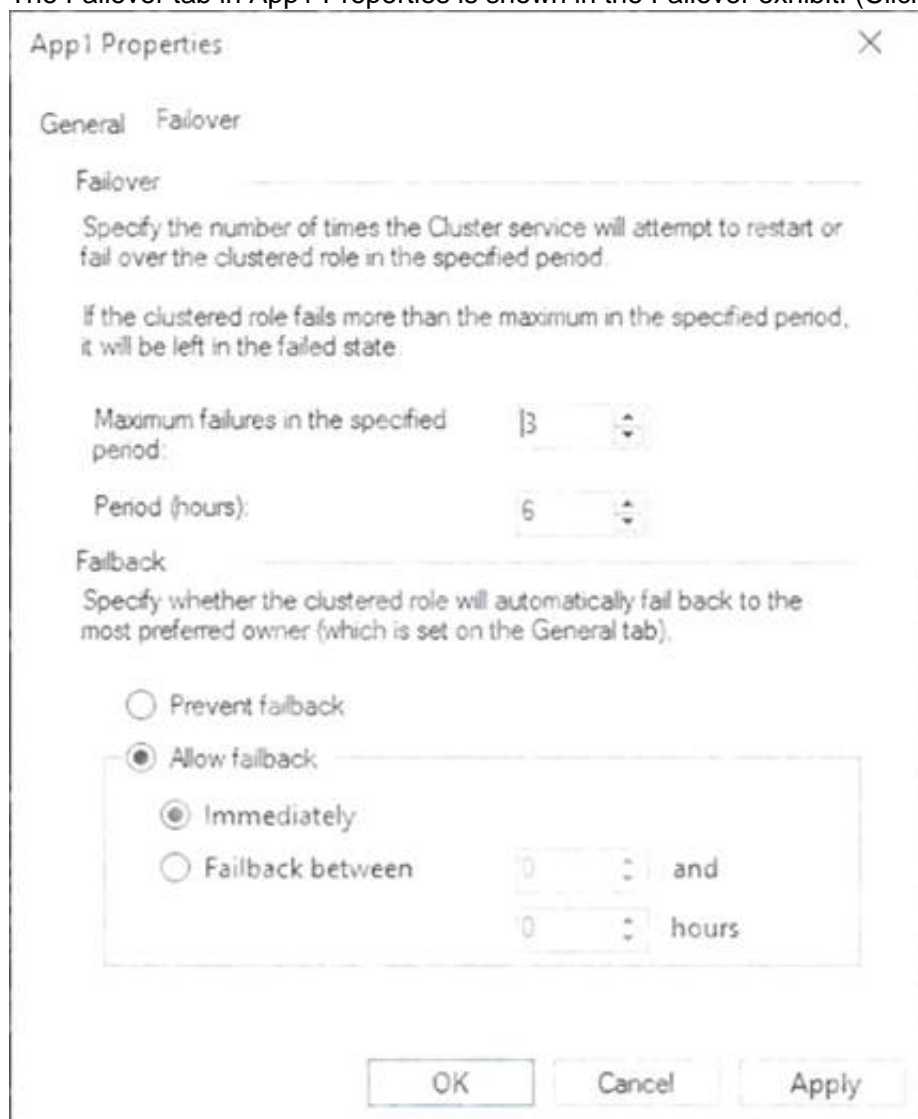
Priority: Medium

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: 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 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 11

You have two servers named Server1 and Server2 that run Windows Server. Both servers have the Hyper-V server role installed.

Server1 hosts three virtual machines named VM1, VM2, and VM3. The virtual machines replicate to Server2.

Server1 experiences a hardware failure.

You need to bring VM1, VM2, and VM3 back online as soon as possible.

From the Hyper-V Manager console on Server2, what should you run for each virtual machine?

- A. Start
- B. Move
- C. Unplanned Failover
- D. Planned Failover

Answer: C

Explanation:

Reference: <https://docs.microsoft.com/en-us/windows-server/virtualization/hyper-v/manage/set-up-hyper-v-replica>

NEW QUESTION 14

HOTSPOT

You have a Hyper-V failover cluster named Cluster1 that uses a cloud witness. Cluster1 hosts a virtual machine named VM1 that runs Windows Server.

You need to fail over VM1 automatically to a different node when a service named Service1 on VM1 fails.

What should you do on Cluster1 and VM1? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Cluster1:

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

VM1:

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Cluster1:

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

VM1:

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

NEW QUESTION 15

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

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

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

What should you configure in Azure?

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

Answer: D

Explanation:

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

NEW QUESTION 17

HOTSPOT

You have two servers that have the Web Server (IIS) server role installed. The servers are configured as shown in the following table.

Name	Operating system
Server1	Windows Server 2016
Server2	Windows Server 2022

Both servers are configured to enable website deployment by using the Web Deployment Tool. Server1 hosts a website named Site1 that has Web Deploy Publishing configured.

You plan to migrate Site1 to Server2.

You need to perform a pull synchronization of Site1 by using the Web Deployment Agent Service.

How should you complete the command? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

```
msdeploy -verb:sync -source:
    apphostconfig="Site1"
    apphostconfig="Site1",computername=Server1
    apphostconfig="Site1",computername=Server2
    package=c:\site1.zip
-dest:
```

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Reference: <https://docs.microsoft.com/en-us/iis/publish/using-web-deploy/synchronize-iis>

NEW QUESTION 21

You have an Azure virtual machine named VM1 that has the Web Server (IIS) server role installed. VM1 hosts a critical lineof- business (LOB) application.

After the security team at your company deploys a new security baseline to VM1, users begin reporting that the application is unresponsive.

You suspect that the security baseline has caused networking issues.

You need to perform a network trace on VM1.

What should you do?

- A. From VM1, run netstat.
- B. From Performance Monitor on VM1, create a Data Collector Set.
- C. From the Azure portal, configure the Diagnostics settings for VM1.

D. From the Azure portal, configure the Performance diagnostics settings for VM1.

Answer: D

Explanation:

Reference: <https://docs.microsoft.com/en-us/troubleshoot/azure/virtual-machines/performance-diagnostics>

NEW QUESTION 24

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 26

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