AZ-801 Q&As

Configuring Windows Server Hybrid Advanced Services

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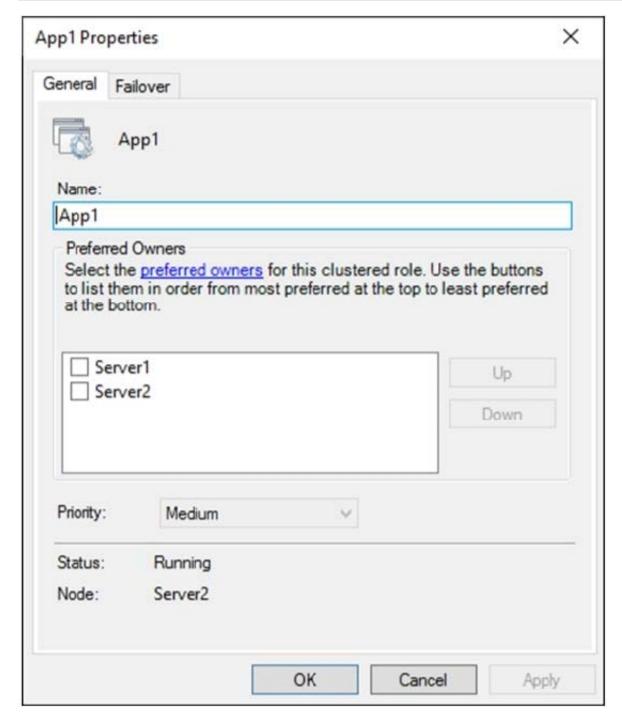
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QUESTION 1

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

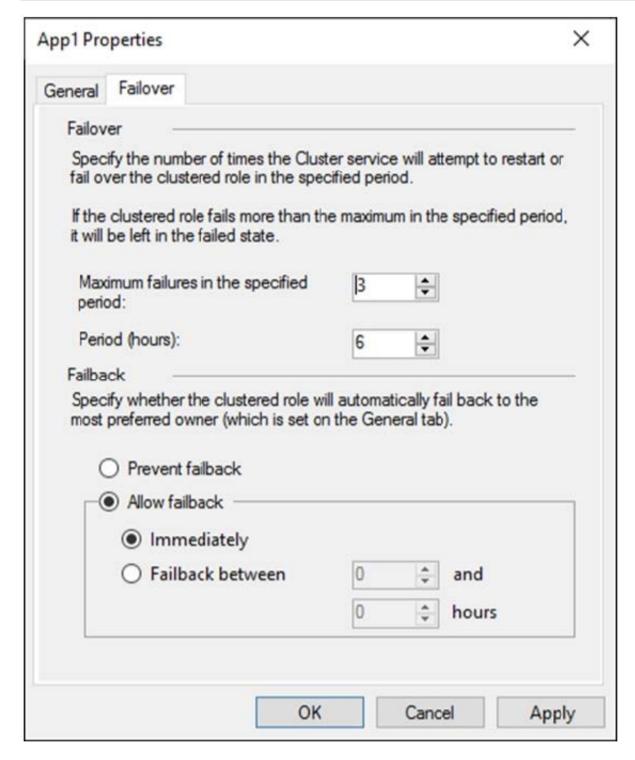others might not have a correct solution.

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   Up
☐ Server2
                                                       Down

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: You pause the Server1 node in Cluster1 and then start Server1.

Does this meet the goal?

A. Yes

B. No

Correct Answer: B

Instead, from the Failover settings, you select Prevent failback

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

Preventing failback.

A third potential setting is used after a resource\\'s cluster node comes back online after a failover. Under the Failover tab is the Failback setting with the default setting "prevent failback." When failback is configured, the virtual machine will

return back to its original host when that host is again available. If you want virtual machines to return to your known configuration after a host problem, this can be a good thing.

Reference:

https://www.computerweekly.com/tip/Configuring-cluster-failover-settings-for-Hyper-V-virtual-machines

QUESTION 2

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 Serveries (WSUS)

Correct Answer: B

Cluster-Aware Updating advanced options and updating run profiles. You can set the PreUpdateScript or PostUpdateScript the option.

Reference: https://docs.microsoft.com/en-us/windows-server/failover-clustering/cluster-aware-updating-options

QUESTION 3

HOTSPOT

You have a failover cluster named Cluster1 that contains three nodes.

You plan to add two file server cluster roles named File1 and File2 to Cluster1. File1 will use the File Server for general use role. File2 will use the Scale-Out File Server for application data role.

What is the maximum number of nodes for File1 and File2 that can concurrently serve client connections? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

File1:

1

2

3

File2:

1

2

3

Correct Answer:

Answer Area

File1:

1
2
3

File2:

1
2
3

Reference: https://docs.microsoft.com/en-us/windows-server/failover-clustering/sofs-overview
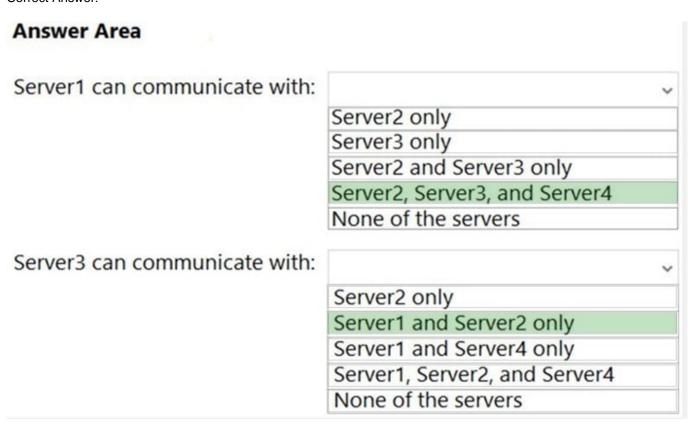
QUESTION 4

HOTSPOT

With which servers can Server1 and Server3 communicate? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Server1 can communicate with:

Server2 only
Server3 only
Server2 and Server3 only
Server2, Server3, and Server4
None of the servers

Server3 can communicate with:

Server2 only
Server1 and Server2 only
Server1 and Server4 only
Server1, Server2, and Server4
None of the servers

Correct Answer:

Answer Area

Server1 can communicate with:

Server2 only
Server3 only
Server2 and Server3 only
Server2, Server3, and Server4
None of the servers

Server3 can communicate with:

Server2 only
Server1 and Server2 only
Server1 and Server4 only
Server1, Server2, and Server4
None of the servers

QUESTION 5

You have an Azure virtual machine named VM1 that has the Web Server (IIS) server role installed. VM1 hosts a critical line-of-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 necscac.

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.

Correct Answer: D

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

QUESTION 6

HOTSPOT

You have three Hyper-V hosts named Server1, Server2, and Server3 that run Windows Server, Server1 hosts a virtual machine named VM1.

You enable Hyper-V Replica to replicate VM1 to Server2 and set the replication frequency to 30 seconds.
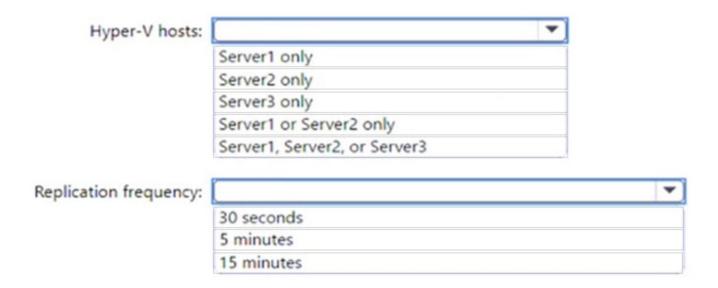
You need to extend the replication and create a second replica of VM1.

On which Hyper-V hosts should you configure the replication, and what is the minimum replication frequency you can use? To answer, select the appropriate options in the answer area.
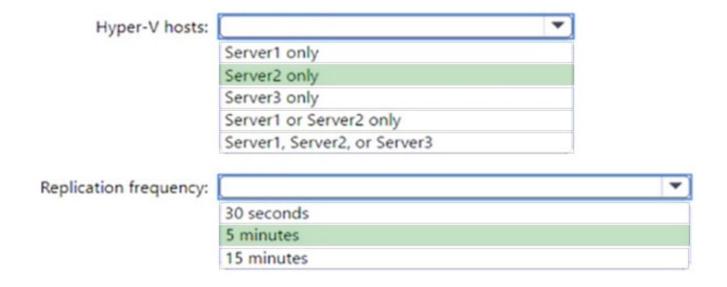
NOTE: Each correct selection is worth one point.

Hot Area:

Hyper-V hosts: [▼]

| Server1 only |
| Server2 only |
| Server3 only |
| Server1 or Server2 only |
| Server1, Server2, or Server3 |

Replication frequency: [▼]

| 30 seconds |
| 5 minutes |
| 15 minutes |

Correct Answer:

Hyper-V hosts: [▼]

| Server1 only |
| Server2 only |
| Server3 only |
| Server1 or Server2 only |
| Server1, Server2, or Server3 |

Replication frequency: [▼]

| 30 seconds |
| 5 minutes |
| 15 minutes |

QUESTION 7

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

Correct Answer: D

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

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QUESTION 8

HOTSPOT

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

You need to perform the following tasks on VM1:

1.

Configure Windows Defender Firewall to allow Remote Desktop connections,

2.

Configure where to store the logs of the virtual machine console.

Which two settings should you use? To answer, select the settings in the answer area.

NOTE: Each correct selection is worth one point,

Hot Area:

VM1 📌 ☆ ⋯
Virtual machine

🔍 Search (Ctrl+/)

📊 Metrics

📋 Diagnostic settings

📇 Logs

🖥 Connection monitor (classic)

📈 Workbooks

Automation

🔧 Tasks (preview)

🖥 Export template

Support + troubleshooting

💗 Resource health

📋 Boot diagnostics

🔍 Performance diagnostics

🖥 VM Inspector (Preview)

🔑 Reset password

🔨 Redeploy + reapply

🖥 Serial console

🖥 Connection troubleshoot

👤 New Support Request

Correct Answer:

VM1 📌 ☆ ⋯
Virtual machine

🔍 Search (Ctrl+/)

📊 Metrics

📈 Diagnostic settings

📇 Logs

🖥 Connection monitor (classic)

📉 Workbooks

Automation

🔲 Tasks (preview)

🖥 Export template

Support + troubleshooting

💙 Resource health

📗 Boot diagnostics

🔍 Performance diagnostics

🖥 VM Inspector (Preview)

🔑 Reset password

🔨 Redeploy + reapply

🖥 Serial console

🖥 Connection troubleshoot

👤 New Support Request

QUESTION 9

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

When you attempt to install the Azure Performance Diagnostics extension on VM I, 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 MonitoringAgent.log file.

B. Sign in to VM1 and verify the WaAppAgent.log file.

C. From the Azure portal, view the alerts for VM1.

D. From the Azure portal, view the activity log for VM1.

Correct Answer: BD

B: Windows Azure Guest Agent Service: This service is the service that is responsible for all the logging in WAppAgent.log. This service is responsible for configuring various extensions and communication from Guest to Host.

D: Activity log: See activity log entries filtered for the current virtual machine. Use this log to view the recent activity of the machine, such as any configuration changes and when it was stopped and started.

Reference: https://docs.microsoft.com/en-us/troubleshoot/azure/virtual-machines/performance-diagnostics-vm-extension https://docs.microsoft.com/en-us/azure/azure-monitor/vm/monitor-virtual-machine-analyze

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.

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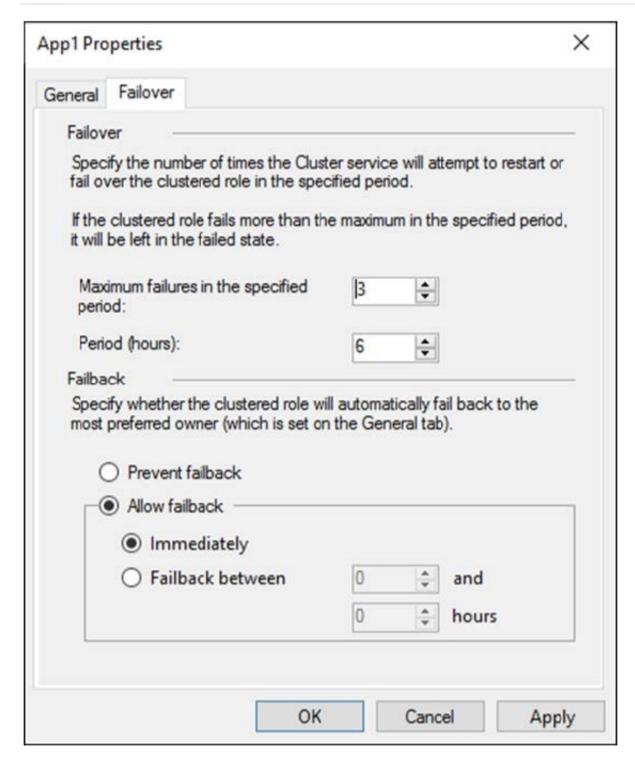
You have a failover cluster named Cluster1 that hosts an application named App1.

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

Up

Down

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   3   ▲▼
period:

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

Server 1 shuts down unexpectedly.

You need to ensure that when you start Server 1. App1 continues to run on Server2

Solution: From the General settings, you increase the priority of Server2 in the Preferred Owners list.

Does this meet the goal?

A. Yes

B. Noi

Correct Answer: A

QUESTION 11

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 and threat protection, you configure Tamper Protection.

Does this meet the goal?

A. Yes

B. No

Correct Answer: B

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

QUESTION 12

DRAG DROP

Your network contains an Active Directory Domain Services (AD DS) domain.

You need to implement a solution that meets the following requirements:

1.

Ensures that the members of the Domain Admins group are allowed to sign in only to domain controllers

2.

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.

Select and Place:

Actions	Answer Area
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.	

Correct Answer:

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

Reference: https://docs.microsoft.com/en-us/windows-server/identity/ad-ds/manage/how-to-configure-protected-accounts

QUESTION 13

HOTSPOT

You have an Azure subscription.

You plan to deploy a virtual machine named VM1 to the East US Azure region and use Azure Site Recovery between availability zones.

You need to configure the disks on VM1 and the virtual network. The solution must meet the following requirements:
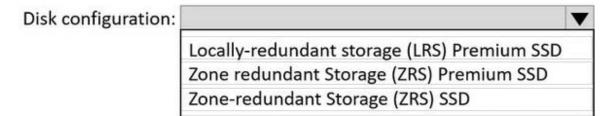
1.

Maximize the availability of VM1.

2.

Maintain the private IP address of VM1 during failover and failback operations. What should you configure? To answer,

select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Disk configuration: ▼

Locally-redundant storage (LRS) Premium SSD
Zone redundant Storage (ZRS) Premium SSD
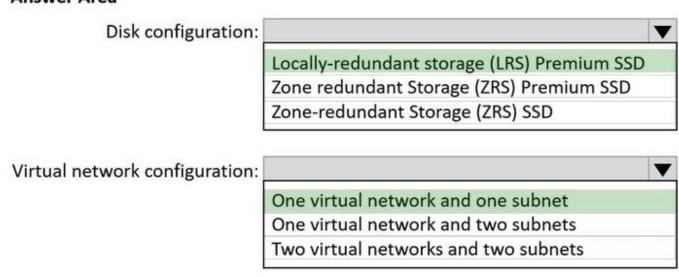Zone-redundant Storage (ZRS) SSD

Virtual network configuration: ▼

One virtual network and one subnet
One virtual network and two subnets
Two virtual networks and two subnets

Correct Answer:

Answer Area

Disk configuration: ▼

Locally-redundant storage (LRS) Premium SSD
Zone redundant Storage (ZRS) Premium SSD
Zone-redundant Storage (ZRS) SSD

Virtual network configuration: ▼

One virtual network and one subnet
One virtual network and two subnets
Two virtual networks and two subnets

QUESTION 14

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

You need to encrypt the contents of the disks on VM1 by using Azure Disk Encryption.

What is a prerequisite for implementing Azure Disk Encryption?

A. Customer Lockbox for Microsoft Azure

B. an Azure key vault

C. a BitLocker recovery key

D. data-link layer encryption in Azure

Correct Answer: B

Reference: https://docs.microsoft.com/en-us/azure/virtual-machines/windows/disk-encryption-overview

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QUESTION 15

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

Correct Answer: AD

Reference: https://docs.microsoft.com/en-us/azure/backup/backup-mabs-system-state-and-bmr

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