



Microsoft

Exam Questions AZ-801

Configuring Windows Server Hybrid Advanced Services

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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 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 3

- (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 4

- (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 5

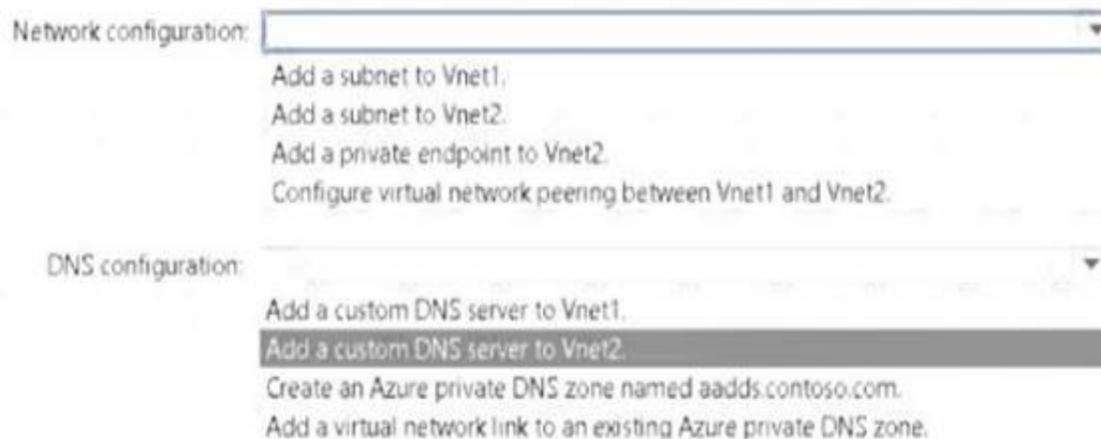
- (Exam Topic 3)

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



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area



NEW QUESTION 6

- (Exam Topic 3)

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.

File1:

File2:

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Graphical user interface, application Description automatically generated

Reference:

<https://docs.microsoft.com/en-us/windows-server/failover-clustering/sofs-overview>

NEW QUESTION 7

- (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 8

- (Exam Topic 3)

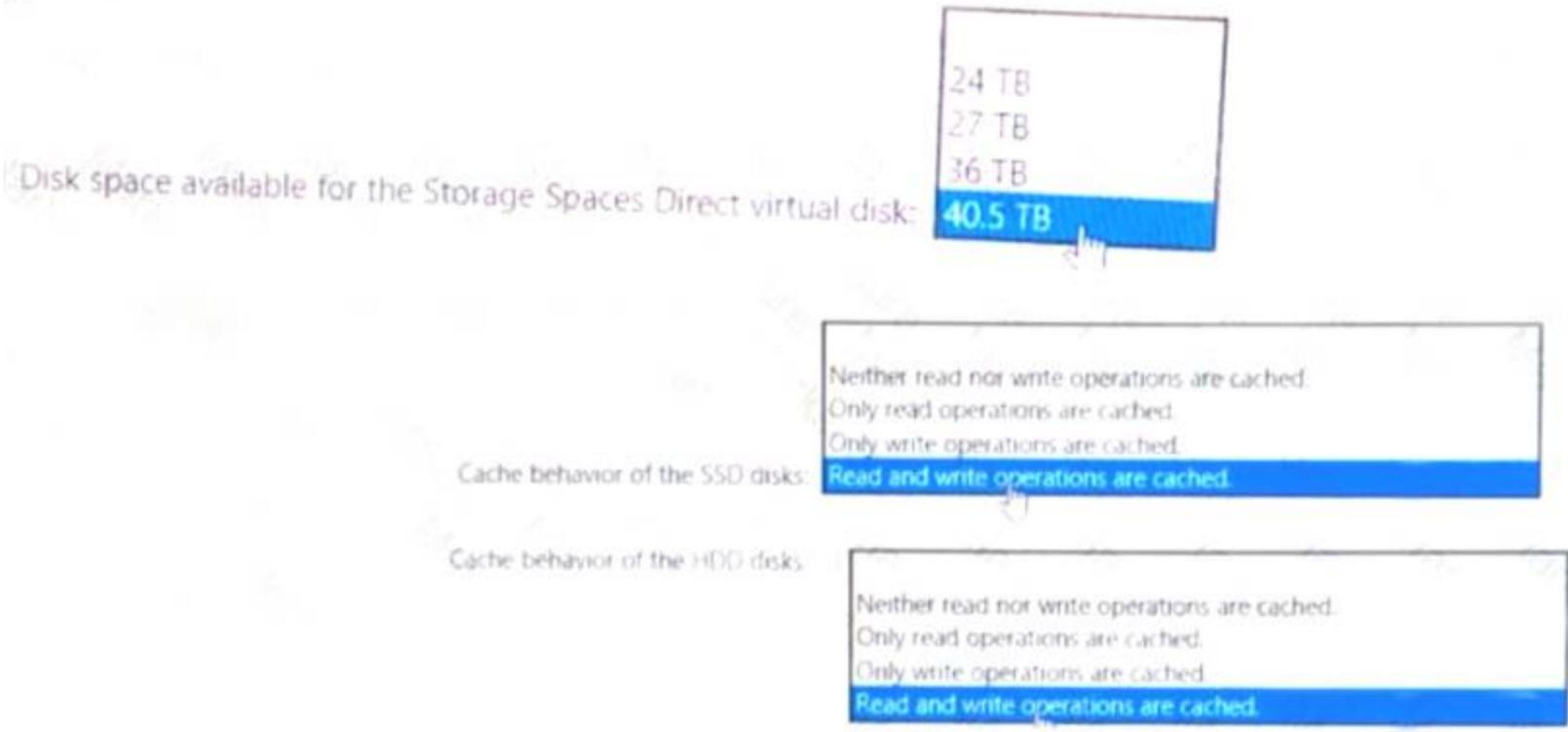
You have a failover cluster named Cluster1 that contains three Windows Server nodes named Node 1, Node2, and Node3.

You need to deploy a Storage Spaces Direct virtual disk to Cluster1. You add the following disks to each node:

- Three 512-GB NVMe disks
- Three 3-TB diskS
- Three 1-TB SSD disks

On Cluster1, you enable Storage Spaces Direct and add the new disks.

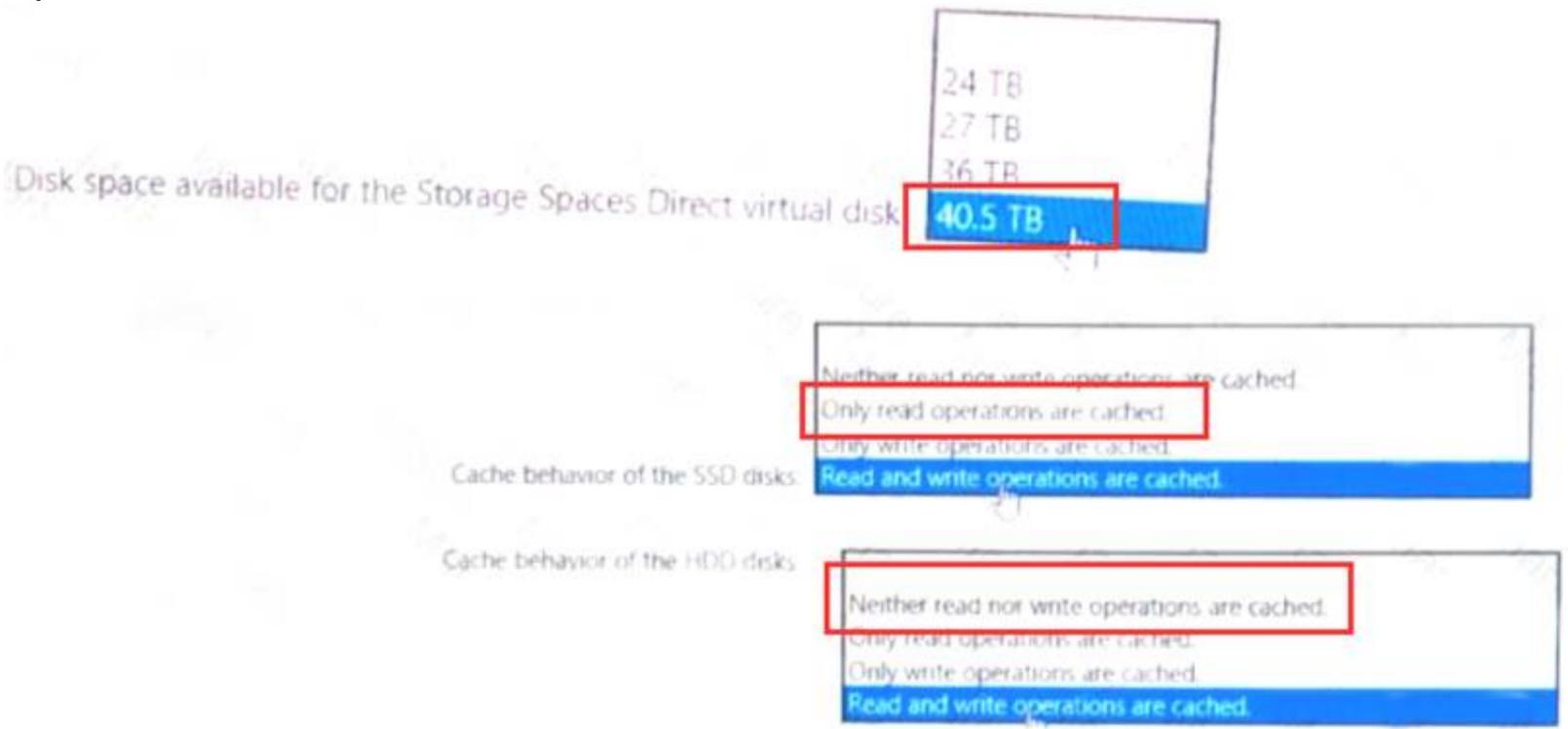
What is the total amount of disk space available for the Storage Spaces Direct virtual disk, and which operations are cached for the SSD and HDD disks? To answer, select the appropriate options in the answer area.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 9

- (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 10

- (Exam Topic 3)

Your network contains an Active Directory Domain Services (AD DS) domain. The domain contains servers that run Windows Server as shown in the following table.

| Name | IP address |
|---------|--------------|
| Server1 | 172.16.10.10 |
| Server2 | 172.16.20.50 |
| Server3 | 172.16.30.80 |

Server1 has the connection security rules shown in the following table.

Answer Area

| Statements | Yes | No |
|--|-----------------------|-----------------------|
| Server1 can communicate with Server2 successfully. | <input type="radio"/> | <input type="radio"/> |
| Server2 can communicate with Server3 successfully. | <input type="radio"/> | <input type="radio"/> |
| Server3 can communicate with Server2 successfully. | <input type="radio"/> | <input type="radio"/> |

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

| Statements | Yes | No |
|--|----------------------------------|----------------------------------|
| Server1 can communicate with Server2 successfully. | <input checked="" type="radio"/> | <input type="radio"/> |
| Server2 can communicate with Server3 successfully. | <input type="radio"/> | <input checked="" type="radio"/> |
| Server3 can communicate with Server2 successfully. | <input checked="" type="radio"/> | <input type="radio"/> |

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 12

- (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 16

- (Exam Topic 3)

You have three servers named Server1, Server2, 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 17

- (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 20

- (Exam Topic 3)

You have two servers that run Windows Server as shown in the following table.

| Name | Location | Domain/workgroup |
|---------|-----------------------|------------------|
| Server1 | On-premises | Domain |
| Server2 | Azure virtual machine | Workgroup |

You need to copy the contents of volume E from Server1 to Server2. The solution must meet the following requirements:

- > Ensure that files in-use are copied.
- > Minimize administrative effort.

What should you use?

- A. Storage Migration Service
- B. Azure File Sync
- C. Azure Backup
- D. Storage Replica

Answer: A

NEW QUESTION 23

- (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 Windows Firewall on Server1.

Does this meet the goal?

- A. Yes
- B. No

Answer: B

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

Install on Server1: The Azure File Sync agent
 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



NEW QUESTION 28

- (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 32

- (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 35

- (Exam Topic 3)

You have a server named Server1 that runs Windows Server and has the Hyper-V server role installed. You import the Azure Migrate appliance as VM1.

You need to register VM1 with Azure Migrate.

What should you do in Azure Migrate? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Create a project.
- B. Add a migration tool.
- C. Add an assessment tool.
- D. Generate a project key.
- E. Download the Azure Migrate installer script ZIP file.

Answer: ADE

Explanation:

Reference:

<https://docs.microsoft.com/en-us/azure/migrate/how-to-set-up-appliance-hyper-v>

NEW QUESTION 39

- (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

Controlled folder access.
 Does this meet the goal?

- A. Yes
- B. No

Answer: A

Explanation:

Reference:

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

NEW QUESTION 43

- (Exam Topic 3)

You have two Azure Virtual machines that run Windows Server.

You plan to create a failover cluster that will host the virtual machines.

You need to configure an Azure Storage account that will be used by the cluster as a cloud witness. The solution must maximize resiliency.

Which type of redundancy should you configure for the storage account?

- A. Geo-zone-redundant storage (GZRS)
- B. Geo-redundant storage (GRS)
- C. Zone-redundant storage (ZRS)
- D. Locally-redundant storage (LRS)

Answer: C

NEW QUESTION 47

- (Exam Topic 3)

You manage 200 physical servers that run Windows Server. You plan to migrate the servers to Azure.

You need to prepare for discovery of the servers by using Azure Migrate.

Which three actions should you perform in sequence on a physical server? 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 |
|--|-------------|
| Download and extract the Azure Migrate installer script ZIP file. | |
| Download and extract the Azure Migrate Appliance VHD file. | |
| Run AzureMirgrateInstaller.ps1. | |
| Import a virtual machine. | |
| Configure the appliance and register the appliance with Azure Migrate. | |

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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

Reference:

<https://docs.microsoft.com/en-us/azure/migrate/tutorial-discover-physical>

NEW QUESTION 51

- (Exam Topic 3)

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.

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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

NEW QUESTION 55

- (Exam Topic 3)

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

Answer: B

Explanation:

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

NEW QUESTION 58

- (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 60

- (Exam Topic 2)

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 for 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-replic>

NEW QUESTION 61

- (Exam Topic 2)

You need to meet the technical requirements for Cluster2.

Which four actions should you perform in sequence before you can enable replication? 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 |
|---|-------------|
| Create an Azure Recovery Services vault. | |
| Install Azure Connected Machine agents. | |
| Install and register Azure Site Recovery Providers. | |
| Create and associate replication policies. | |
| Create a Hyper-V site. | |

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Text Description automatically generated

Reference:

<https://docs.microsoft.com/en-us/azure/site-recovery/hyper-v-azure-tutorial>

NEW QUESTION 66

- (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 europe.fabrikam.com migration to support the on-premises migration plan-Where should you install the Password Export Server (PES) service, where should you generate the encryption key? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Install the PES service on:

- aadc1.corp.fabrikam.com
- admtcomputer.fabrikam.com
- dc1.corp.fabrikam.com
- dc2.europe.fabrikam.com

Generate the encryption key on:

- aadc1.corp.fabrikam.com
- admtcomputer.fabrikam.com
- dc1.corp.fabrikam.com
- dc2.europe.fabrikam.com

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Install the PES service on:

- aadc1.corp.fabrikam.com
- admtcomputer.fabrikam.com
- dc1.corp.fabrikam.com
- dc2.europe.fabrikam.com

Generate the encryption key on:

- aadc1.corp.fabrikam.com
- admtcomputer.fabrikam.com
- dc1.corp.fabrikam.com
- dc2.europe.fabrikam.com

NEW QUESTION 73

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