



Microsoft

Exam Questions AZ-801

Configuring Windows Server Hybrid Advanced Services

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NEW QUESTION 1

- (Exam Topic 3)

Your network contains an Active Directory Domain Services (AD DS) domain that has the Active Directory Recycle Bin enabled. The domain contains two domain controllers named DC1 and DC2. The system state of the domain controllers is backed up daily at 23:00 by using Windows Server Backup. You have an organizational unit (OU) named ParisUsers that contains 1,000 users.

At 08:00, DC1 shuts down for hardware maintenance. The maintenance completes, but DC1 remains shut down.

At 09:00, an administrative error causes the manager attribute of each user in ParisUsers to be deleted. You need to recover the user account details as quickly as possible. The solution must minimize data loss.

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

Start DC1 normally.

Perform an authoritative restore on DC1.

Recover all the user objects in the Active Directory Recycle Bin.

Start DC1 by using the Last Known Good Configuration.

Start DC1 in Directory Services Restore Mode.

Perform a system state restore on DC1.

Answer Area

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:
Text, table Description automatically generated with medium confidence

NEW QUESTION 2

- (Exam Topic 3)

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 3

- (Exam Topic 3)

Your network contains an Active Directory Domain Services (AD DS) domain. The domain contains two servers named Server1 and Server2 that run Windows Server.

You need to ensure that you can use the Computer Management console to manage Server2. The solution must use the principle of least privilege.

Which two Windows Defender Firewall with Advanced Security rules should you enable on Server2? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. the COM+ Network Access (DCOM-In) rule
- B. all the rules in the Remote Event Log Management group
- C. the Windows Management Instrumentation (WMI-In) rule
- D. the COM+ Remote Administration (DCOM-In) rule
- E. the Windows Management Instrumentation (DCOM-In) rule

Answer: AB

Explanation:
Reference:
<https://docs.microsoft.com/en-us/windows-server/administration/server-manager/configure-remote-management>

NEW QUESTION 4

- (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 5

- (Exam Topic 3)
You have an on-premises server named Served that runs Windows Server. You have an Azure subscription. You plan to back up the files and folders on Server1 to Azure by using Azure Backup. You need to define how long the backups will be retained. What should you use to configure the retention?

- A. Backup center
- B. Windows Server Backup
- C. the Microsoft Azure Recovery Services (MARS) agent
- D. a Recovery Services vault

Answer: B

NEW QUESTION 6

- (Exam Topic 3)
You have a server named Server1 that runs Windows Server and has the Web Server (IIS) server role installed. Server1 hosts an ASP.NET Core web app named WebApp1 and the app's source files.
You install Docker on Server1.
You need to ensure that you can deploy WebApp1 to an Azure App Service web app from the Azure Container Registry.
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
Run the docker push command.	
Run the docker run command.	
Run the docker build command.	
Create a Dockerfile.	
Create an Azure Resource Manager (ARM) template.	
Run the docker pull command.	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Step 1: Create a Dockerfile. This file contains instructions for the build process. Step 2: Run the docker build command to create a container image. Step 3: Run the docker push command to upload the image to Azure Container Registry.

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 3)

You have two physical servers named AppSrv1 and AppSrv2 and an unconfigured server named Server1. All the servers run Windows Server. Only Server1 can access the internet.

You plan to use Azure Site Recovery to replicate AppSrv1 and AppSrv2 to Azure. You need to deploy the required components to AppSrv1, AppSrv2, and Server1.

Which components should you deploy? To answer, drag the appropriate components to the correct servers. Each component 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.

Components	Answer Area
The Azure Connected Machine agent	To AppSrv1 and AppSrv2: <div></div>
An Azure Site Recovery configuration server	
The Azure Site Recovery Mobility Service	To Server1: <div></div>
The Microsoft Azure Recovery Services (MARS) agent	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Graphical user interface, text, application Description automatically generated

Reference:

<https://docs.microsoft.com/en-us/azure/site-recovery/physical-azure-architecture> <https://docs.microsoft.com/en-us/azure/site-recovery/physical-azure-set-up-source>

NEW QUESTION 9

- (Exam Topic 3)

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 raise the domain and forest functional levels.

Does this meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 10

- (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.

Disk space available for the Storage Spaces Direct virtual disk:

24 TB

27 TB

36 TB

40.5 TB

Cache behavior of the SSD disks:

Neither read nor write operations are cached.

Only read operations are cached.

Only write operations are cached.

Read and write operations are cached.

Cache behavior of the HDD disks:

Neither read nor write operations are cached.

Only read operations are cached.

Only write operations are cached.

Read and write operations are cached.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Disk space available for the Storage Spaces Direct virtual disk:

24 TB

27 TB

36 TB

40.5 TB

Cache behavior of the SSD disks:

Neither read nor write operations are cached.

Only read operations are cached.

Only write operations are cached.

Read and write operations are cached.

Cache behavior of the HDD disks:

Neither read nor write operations are cached.

Only read operations are cached.

Only write operations are cached.

Read and write operations are cached.

NEW QUESTION 10

- (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
Create a failover cluster.	
Create a Distributed File System (DFS) namespace.	
Enable Storage Spaces Direct.	
Create a volume.	
Add a Scale-Out File Server for application role.	
Create a file share.	

- 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 14

- (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 16

- (Exam Topic 3)

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 20

- (Exam Topic 3)

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 25

- (Exam Topic 3)

Your on-premises network has a 200-Mbps connection to Azure and contains a server named Server1 that stores 70 TB of data files.

You have an Azure Storage account named storage 1.

You plan to migrate the data files from Server1 to a blob storage container in storage!. Testing shows that copying the data files by using azcopy will take approximately 35 days.

You need to minimize how long it will take to migrate the data to Azure. What should you use?

- A. Storage Migration Service
- B. Azure Storage Explorer
- C. Azure Data Box
- D. Azure File Sync

Answer: C

NEW QUESTION 29

- (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 34

- (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.

The AD DS domain contains a domain controller named DC1. DC1 does NOT have internet access. You need to configure password security for on-premises users. The solution must meet the following requirements:

- Prevent the users from using known weak passwords.
- Prevent the users from using the company name in passwords.

What should you do? To answer, drag the appropriate configurations to the correct targets. Each configuration

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.

Configurations	Answer Area
Configure Azure AD Identity Protection.	On DC1: Configuration
Configure Azure AD Password Protection.	On a member server: Configuration
Install the Azure AD Pass-through Authentication Agent.	In Azure: Configuration
Install the Azure AD Password Protection DC agent.	
Install the Azure AD Password Protection proxy service.	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Reference:

<https://docs.microsoft.com/en-us/azure/active-directory/authentication/howto-password-ban-bad-on-premises-de>

NEW QUESTION 36

- (Exam Topic 3)

You have a server that runs Windows Server and has the Web Server (IIS) server role installed. Server1 hosts a single website that has the following configurations:

- Is accessible by using a URL of <https://www.contoso.com:8443> and has an SSL certificate that was issued by a third-party certification authority (CA) in the Microsoft Trusted Root Program

- > Uses anonymous authentication
- > Was developed by using PHP

You plan to use APP Service Migration Assistant to migrate the website to Azure App Service.

You need to migrate the website. The solution must minimize the number of changes made to the existing website.

What should you do manually to ensure that the website migration is successful? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

On Server1:

Change the authentication method.

Change the listening port of the website.

Redevelop the website code by using ASP.NET.

In Azure:

Create an App Service plan.

Copy the source files of the website.

Configure a certificate and a custom domain name.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Graphical user interface, text, application Description automatically generated

Reference:

<https://docs.microsoft.com/en-us/learn/modules/migrate-app-service-migration-assistant/3-understand-assessme> <https://docs.microsoft.com/en-us/learn/modules/migrate-app-service-migration-assistant/5-understand-migration>

NEW QUESTION 39

- (Exam Topic 3)

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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

Up
Down

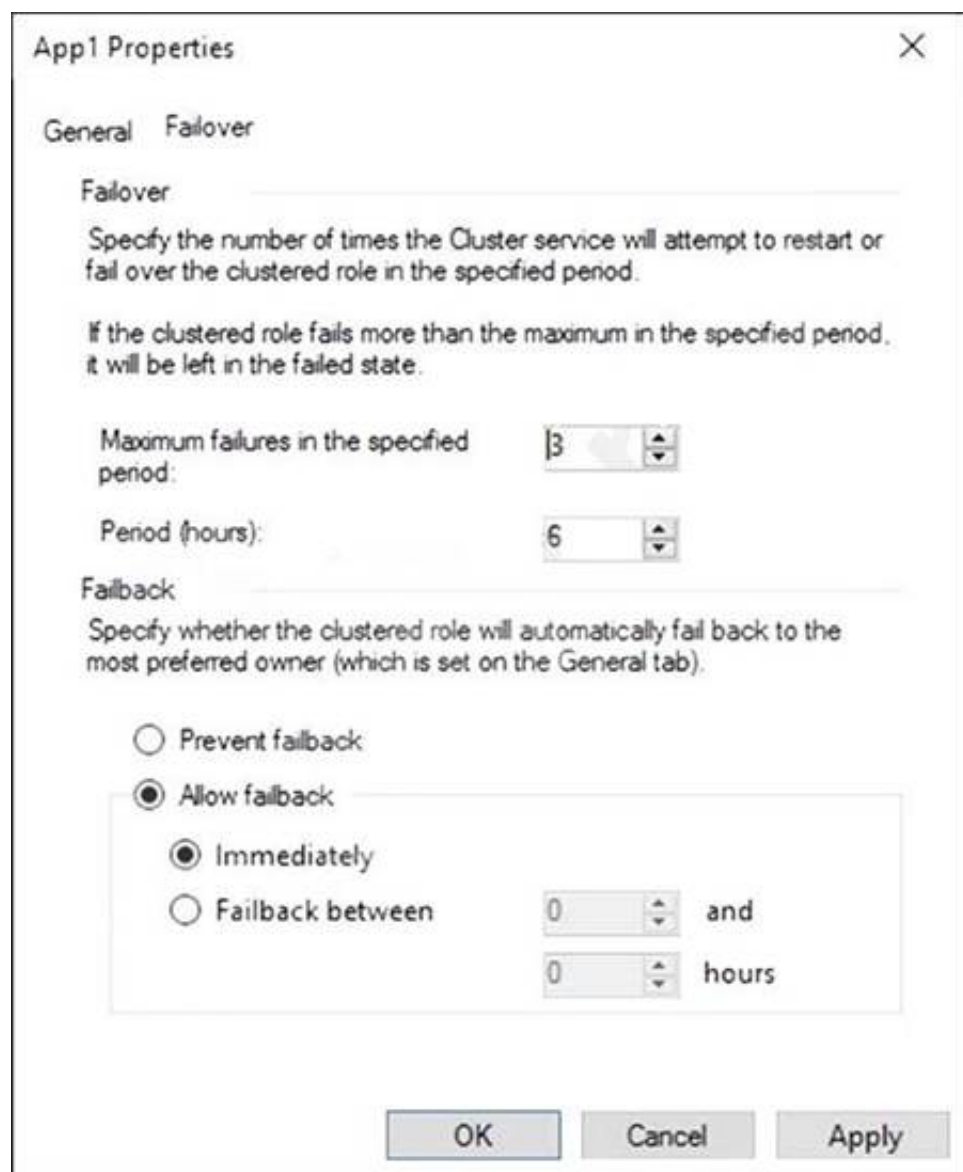
Priority: Medium

Status: Running

Node: Server2

OK Cancel Apply

The Failover tab in App1 Properties is shown in the Failover exhibit. (Click the Failover tab.)



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 44

- (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 48

- (Exam Topic 3)

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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.

Syvol 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 52

- (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 56

- (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 60

- (Exam Topic 3)

You have an Azure virtual machine named VM1.

You install an application on VM1, and then restart the virtual machine.

After the restart, you get the following error message: "Boot failure. Reboot and Select proper Boot Device or Insert Boot Media in selected Boot Device."

You need to mount the operating system disk offline from VM1 to a temporary virtual machine to troubleshoot the issue.

Which command should you run in Azure CLI?

- A. az vm repair create
- B. az vm boot-diagnostics enable
- C. az vm capture
- D. az vm disk attach

Answer: A

Explanation:

Reference:

<https://docs.microsoft.com/en-us/cli/azure/vm/repair?view=azure-cli-latest>

NEW QUESTION 65

- (Exam Topic 1)

You are planning the data share migration to support the on-premises migration plan. What should you use to perform the migration?

- A. Storage Migration Service
- B. Microsoft File Server Migration Toolkit
- C. File Server Resource Manager (FSRM)
- D. Windows Server Migration Tools

Answer: A

Explanation:

Reference:

<https://docs.microsoft.com/en-us/windows-server/storage/storage-migration-service/migrate-data>

NEW QUESTION 69

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