

Exam Questions AZ-801

Configuring Windows Server Hybrid Advanced Services

<https://www.2passeasy.com/dumps/AZ-801/>



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

You are planning the deployment of Microsoft Sentinel.
Which type of Microsoft Sentinel data connector should you use to meet the security requirements?

- A. Threat Intelligence - TAXII
- B. Azure Active Directory
- C. Microsoft Defender for Cloud
- D. Microsoft Defender for Identity

Answer: D

Explanation:

Reference:

<https://docs.microsoft.com/en-us/defender-for-identity/cas-isp-legacy-protocols>

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:

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 4

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:

- 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 5

You need to meet the technical requirements for User1.
To which group in contoso.com should you add User1?

- A. Domain Admins
- B. Account Operators
- C. Schema Admins
- D. Backup Operators

Answer: A

NEW QUESTION 6

DRAG DROP

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.

Select and Place:

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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

NEW QUESTION 7

HOTSPOT

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

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:

- 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

HOTSPOT

Your network contains an Active Directory Domain Services (AD DS) domain named contoso.com. The domain contains the organizational units (OUs) shown in the following table.

In the domain, you create the Group Policy Objects (GPOs) shown in the following table.

You need to implement IPsec authentication to ensure that only authenticated computer accounts can connect to the members in the domain.

The solution must minimize administrative effort.

Which GPOs should you apply to the Domain Controllers OU and the Domain Servers OU? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Reference: <https://docs.microsoft.com/en-us/windows/security/threat-protection/windows-firewall/configure-authenticationmethods>

NEW QUESTION 9

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 10

You have an on-premises Active Directory Domain Services (AD DS) domain that syncs with an Azure Active Directory (Azure AD) tenant by using password hash synchronization.

You have a Microsoft 365 subscription.

All devices are hybrid Azure AD-joined.

Users report that they must enter their password manually when accessing Microsoft 365 applications.

You need to reduce the number of times the users are prompted for their password when they access Microsoft 365 and Azure services.

What should you do?

A. In Azure AD, configure a Conditional Access policy for the Microsoft Office 365 applications.

B. In the DNS zone of the AD DS domain, create an autodiscover record.

C. From Azure AD Connect, enable single sign-on (SSO).

D. From Azure AD Connect, configure pass-through authentication.

Answer: C

Explanation:

Reference:

<https://docs.microsoft.com/en-us/azure/active-directory/hybrid/how-to-connect-sso-quick-start>

NEW QUESTION 10

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. Kerberos V5

D. computer certificate

Answer: D

Explanation:

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

NEW QUESTION 15

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 18

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 23

You are planning the migration of Archive1 to support the on-premises migration plan.

What is the minimum number of IP addresses required for the node and cluster roles on Cluster3?

A. 2

B. 3

C. 4

D. 5

Answer: B

Explanation:

One IP for each of the two nodes in the cluster and one IP for the cluster virtual IP (VIP).

NEW QUESTION 27

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.)

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 31

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

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 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 34

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

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 General settings, you move Server2 up.
Does this meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

Server1 and Server2 are both unticked so the order they are listed in has no effect on whether the cluster will fail back.

NEW QUESTION 35

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 39

HOTSPOT

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.
Hot Area:

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Reference: <https://docs.microsoft.com/en-us/windows-server/failover-clustering/deploy-cloud-witness>

NEW QUESTION 44

Your company uses Storage Spaces Direct.
You need to view the available storage in a Storage Space Direct storage pool.
What should you use?

- A. System Configuration
- B. File Server Resource Manager (FSRM)
- C. the Get-StorageFileServer cmdlet
- D. Failover Cluster Manager

Answer: D

Explanation:

If Failover Cluster Manager, select the Storage Space Direct storage pool. The information displayed in the main window includes the free space and used space.

NEW QUESTION 46

You have a Storage Spaces Direct configuration that has persistent memory and contains the data volumes shown in the following table.

You plan to add data volumes to Storage Spaces Direct as shown in the following table.

On which volumes can you use direct access (DAX)?

- A. Volume3 only
- B. Volume4 only
- C. Volume1 and Volume3 only
- D. Volume2 and Volume4 only
- E. Volume3 and Volume4 only

Answer: A

Explanation:

DAX can only be used on one volume and the volume has to be NTFS. You could configure DAX on Volume1 (although that would require reformatting the volume) or Volume3. However, 'Volume1 only' isn't an answer option so Volume3 is the correct answer.

'Volume1 and Volume3' is incorrect because of the single volume limitation.

Reference: <https://docs.microsoft.com/en-us/windows-server/storage/storage-spaces/persistent-memory-direct-access>

NEW QUESTION 49

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:

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Reference:

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

NEW QUESTION 52

HOTSPOT

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.

Hot Area:

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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

NEW QUESTION 55

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:

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 56

You have three Azure virtual machines named VM1, VM2, and VM3 that host a multitier application.

You plan to implement Azure Site Recovery.

You need to ensure that VM1, VM2, and VM3 fail over as a group.

What should you configure?

- A. an availability zone
- B. a recovery plan
- C. an availability set

Answer: B

Explanation:

Reference: <https://docs.microsoft.com/en-us/azure/site-recovery/site-recovery-overview>

NEW QUESTION 57

You have 200 Azure virtual machines.

You create a recovery plan in Azure Site Recovery to fail over all the virtual machines to an Azure region. The plan has three manual actions.

You need to replace one of the manual actions with an automated process.

What should you use?

- A. an Azure Desired State Configuration (DSC) virtual machine extension

- B. an Azure Automation runbook
- C. an Azure PowerShell function
- D. a Custom Script Extension on the virtual machines

Answer: B

Explanation:

Reference:

<https://docs.microsoft.com/en-us/azure/site-recovery/recovery-plan-overview>

NEW QUESTION 60

You have a server named Server1 that runs Windows Server and has the Hyper-V server role installed. You have a Hyper-V failover cluster named Cluster1. All servers are members of the same domain.

You need to ensure that you use Hyper-V Replica with Kerberos authentication on the default port to replicate virtual machines from Cluster1 to Server1.

What should you do on Server1?

- A. Add primary servers to the Hyper-V Replica Broker configuration.
- B. From Hyper-V Settings, select Enable incoming and outgoing live migrations.
- C. From Windows Defender Firewall with Advanced Security, enable the Hyper-V Replica HTTPS Listener (TCP-In) rule.
- D. From Windows Defender Firewall with Advanced Security, enable the Hyper-V Replica HTTP Listener (TCP-In) rule.

Answer: D

Explanation:

Reference:

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

NEW QUESTION 65

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 70

HOTSPOT

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

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:

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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

NEW QUESTION 75

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

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 79

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-r2-towindows-server-2022/>

NEW QUESTION 82

You have an Azure virtual machine named VM1. Crash dumps for a process named Process1 are enabled for VM1.

When process1.exe on VM1 crashes, a technician must access the memory dump files on the virtual machine. The technician must be prevented from accessing the virtual machine.

To what should you provide the technician access?

- A. an Azure file share

- B. an Azure Log Analytics workspace
- C. an Azure Blob Storage container
- D. a managed disk

Answer: C

Explanation:

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

NEW QUESTION 83

You have a Site-to-Site VPN between an on-premises network and an Azure VPN gateway. BGP is disabled for the Site-to-Site VPN.

You have an Azure virtual network named Vnet1 that contains a subnet named Subnet1. Subnet1 contains a virtual machine named Server1.

You can connect to Server1 from the on-premises network.

You extend the address space of Vnet1. You add a subnet named Subnet2 to Vnet1. Subnet2 uses the extended address space. You deploy an Azure virtual machine named Server2 to Subnet2.

You cannot connect to Server2 from the on-premises network. Server1 can connect to Server2.

You need to ensure that you can connect to Subnet2 from the on-premises network.

What should you do?

- A. Add an additional Site-to-Site VPN between the on-premises network and Vnet1.
- B. Add a private endpoint to Subnet2.
- C. To Subnet2, add a route table that contains a user-defined route.
- D. Update the routing information on the on-premises routers.

Answer: D

NEW QUESTION 85

DRAG DROP

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.

Select and Place:

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Reference:

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

NEW QUESTION 88

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