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Topic 1, Fabrikam inc Case study

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To start the case study

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Overview

Fabrikam, Inc. is a manufacturing company that has a main office in Chicago and a branch office in Paris.

Existing Environment

Identity Infrastructure

Fabrikam has an Active Directory Domain Services (AD DS) forest that syncs with an Azure Active Directory (Azure AD) tenant. The AD DS forest contains two domains named corp.fabrikam.com and europe.fabrikam.com.

Chicago Office On-Premises Servers

The office in Chicago contains on-premises servers that run Windows Server 2016 as shown in the following table.

Name	Type	Configuration
Wt	Physical	Hyper-V host
W2	Physical	Hyper-V host
APR	Virtual machine	Application server
APP2	Virtual machine	Application server
APP2	Virtual machine	Application server
APP4	Virtual machine	Application server
DC	Virtual machine	Domain controller
Archive'	Physical	File server
DHCP1	Virtual machine	DHCP server
Reserved	Virtual machine	File server
WE&1	Virtual machine	Web server
WE82	Virtual machine	Web server
AADC1	Virtual machine	Azure AD Connect

All the servers in the Chicago office are in the corp.fabrikam.com domain.

All the virtual machines in the Chicago office are hosted on HV1 and HV2. HV1 and HV2 are nodes in a failover cluster named Cluster1.

WEB1 and WEB2 run an Internet Information Services (IIS) website. Internet users connect to the website by using a URL of https://www.fabrikam.com.

All the users in the Chicago office run an application that connects to a UNC path of \\Fileserver1\Data.

Paris On-Premises Servers

The office in Paris contains a physical server named dc2.europe.fabrikam.com that runs Windows Server 2016 and is a domain controller for the europe.fabrikam.com domain.

Network Infrastructure

The networks in both the Chicago and Paris offices have local internet connections. The Chicago and Paris offices are connected by using VPN connections.

The client computers in the Chicago office get IP addresses from DHCP1.

Security Risks

Fabrikam identifies the following security risks:

Some accounts connect to AD DS resources by using insecure protocols such as NTLMv1, SMB1, and unsigned LDAP. Servers have Windows Defender Firewall enabled. Server administrators sometimes modify firewall rules and allow risky connections.

Requirements

Security Requirements

Fabrikam identifies the following security requirements:

Prevent server administrators from configuring Windows Defender Firewalls rules.

Encrypt all the data disks on the servers by using BitLocker Drive Encryption (BitLocker).

Ensure that only authorized applications can be installed or run on the servers in the forest.

Implement Microsoft Sentinel as a reporting solution to identify all connections to the domain controllers that use insecure protocols.

On-Premises Migration Plan

Fabrikam plans to migrate all the existing servers and identifies the following migration requirements:

Move the APP1 and APP2 virtual machines in the Chicago office to a new Hyper-V failover cluster named Cluster2

that will run Windows Server 2022.

Cluster2 will contain two new nodes named HV3 and HV4.

All virtual machine files will be stored on a Cluster Shared Volume (CSV).

Migrate Archive1 to a new failover cluster named Cluster3 that will run Windows Server 2022.

Cluster3 will contain two physical nodes named Node1 and Node2.

The file shares on Cluster3 will be a failover cluster role in active-passive mode.

Migrate all users, groups, and client computers from europe.fabrikam.com to corp.fabrikam.com.

The migration will be performed by using the Active Directory Migration Tool (ADMT).

A computer named ADMTcomputer will be deployed to the corp.fabrikam.com domain to run ADMT migration procedures.

User accounts will retain their existing password.

Migrate the data share from Fileserver1 to a new server named Fileserver2 that will run Windows Server 2022. After the migration, the data share must be accessible by using the existing UNC path.

Azure Migration Plan

Fabrikam plans to migrate some resources to Azure and identifies the following migration requirements:

Create an Azure subscription named Sub1.

Create an Azure virtual network named Vnet1.

Use ExpressRoute to connect the Paris and Chicago offices to Vnet1.

License all servers for Microsoft Defender for servers.

Migrate APP3 and APP4 to Azure.

Migrate the www.fabrikam.com website to an Azure App Service web app named WebApp1. Decommission WEB1 and WEB2.

DHCP Migration Plan

Fabrikam plans to replace DHCP1 with a new server named DHCP2 and identifies the following migration requirements:

Ensure that DHCP2 provides the same IP addresses that are currently available from DHCP1.

Prevent DHCP1 from servicing clients once services are enabled on DHCP2.

Ensure that the existing leases and reservations are migrated.

Question: 1

DRAG DROP

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.

Answer Area

Update the BitLockerProtectorInfo property of the volume.
Create a Cluster Shared Volume (CSV).
Put the disk in maintenance mode.

Answer:

Explanation:

Add a disk resource to the cluster.

Create a Cluster Shared Volume (CSV).

Put the disk in maintenance mode.

Enable BitLocker on the volume.

Update the BitLockerProtectorInfo property of the volume.

Reference:

<https://docs.microsoft.com/en-us/windows-server/failover-clustering/bitlocker-on-csv-in-ws-2022>

Question: 2
HOTSPOT

You need to implement a security policy solution to authorize the applications. The solution must meet the security requirements.

Which service should you use to enforce the security policy, and what should you use to manage the policy settings? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Enforce the security policy:

Microsoft Defender Application Control
Microsoft Defender Application Guard
Microsoft Defender Credential Guard
Microsoft Defender for Endpoint

Manage the policy settings:

Configuration profiles in Microsoft Intune

Compliance policies in Microsoft Intune

Group Policy Objects (GPOs)

Answer:

Explanation:

Enforce the security policy:

Microsoft Defender Application Control
Microsoft Defender Application Guard
Microsoft Defender Credential Guard
Microsoft Defender for Endpoint

Manage the policy settings:

Configuration profiles in Microsoft Intune _____ Compliance policies in Microsoft Intune Group Policy Objects (GPOs)

Reference:

<https://docs.microsoft.com/en-us/windows/security/threat-protection/windows-defender-application-control/wdac-and-applocker-overview>

Question: 3

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>

Question: 4

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>

Question: 5

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).

Question: 6

HOTSPOT

You are planning the www.fabrikam.com website migration to support the Azure migration plan.

How should you configure WebApp1? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

To enable WebApp1 to handle requests for the website:

- Add a custom domain name.
- Create a deployment slot.
- Create a private endpoint.

To point client connections to WebApp1:

- Add HTTP redirect rules on WEB1 and WEB2.
- implement Azure Front Door.
- Implement Azure Traffic Manager.
- Modify a DNS record.

Answer:

Explanation:

Box 1: Add a custom domain name

To migrate www.fabrikam.com website to an Azure App Service web app, you need to add Fabrikam.com as a custom domain in Azure. This will make the domain name available to use in the web app.

Box 2: Modify a DNS record

You need to change the DNS record for www.fabrikam.com to point to the Azure web app. HTTP redirect rules won't work because WEB1 and WEB2 will be decommissioned.

Ref <https://docs.microsoft.com/en-us/azure/app-service/app-service-web-tutorial-custom-domain?tabs=a%2Cazurecli>

Question: 8

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>

Question: 9

HOTSPOT

You are planning the migration of APP3 and APP4 to support the Azure migration plan.

What should you do on Cluster1 and in Azure before you perform the migration? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

On Cluster1:

- Configure Azure Network Adapter.
- Create a Point-to-Site (P2S) VPN connection to Vnet1
- Import the Azure Migrate appliance.
- Install the Azure File Sync agent.
- Install the Windows Server Migration Tools.

In Azure:

- Create a premium block blobs Azure Storage account.
- Create a private endpoint.
- Create a VPN gateway.
- Create an Azure Migrate project.

Explanation:

Reference:

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

Topic 2, Contoso, Ltd

Case study

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Answer:

On Cluster1:

- Configure Azure Network Adapter.
- Create a Point-to-Site (P2S) VPN connection to Vnet1.
- Import the Azure Migrate appliance.
- Install the Azure File Sync agent.
- Install the Windows Server Migration Tools.

In Azure:

- Create a premium block blobs Azure Storage account.
- Create a private endpoint.
- Create a VPN gateway.
- Create an Azure Migrate project.

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Overview

Contoso, Ltd. is a manufacturing company that has a main office in Seattle and branch offices in Los Angeles and

Montreal.

Existing Environment

Active Directory Environment

Contoso has an on-premises Active Directory Domain Services (AD DS) domain named contoso.com that syncs with an Azure Active Directory (Azure AD) tenant. The AD DS domain contains the domain controllers shown in the following table.

Name	Operating system	Operation master role
DC1	Windows Server 2012 R2	RID master, schema master
DC2	Windows Server 2016	PDC emulates, infrastructure master
DC3	Windows Server 2016	Domain naming master

Contoso recently purchased an Azure subscription.

The functional level of the forest is Windows Server 2012 R2. The functional level of the domain is Windows Server 2012. The forest has the Active Directory Recycle Bin enabled.

The contoso.com domain contains the users shown in the following table.

Name	Organisational unit (OU)/Container	Member of
User1	OU 1	Group1, Groups
User2	Users	Group2
User3	OU1	Group1, Group4
Admin1	OU1	Domain Admins

The contoso.com domain has the Group Policy Objects (GPOs) shown in the following table.

Name	Minimum password length	Linked to
Default Domain Policy	8	contoso.com
GPO1	10	OU1

The contoso.com domain has the Password Settings Objects (PSOs) shown in the following table.

Name	Precedence	Minimum password length	Directly applies to
PSD1	10		Group1
PSD2	20	12	Groups

Server Infrastructure

The contoso.com domain contains servers that run Windows Server 2022 as shown in the following table.

Name	Description
Server1	Contains a share named Share 1
Server2	None
Server3	None
Server4	Has Remote Desktop enabled

By using Windows Firewall with Advanced Security, the servers have isolation connection security rules configured as shown in the following table.

Name	Endpoint 1	Endpoint?	Authentication mode
Server!	Any	Any	Request inbound and outbound
Server?	Any	Any	Require inbound and request outbound
Server?	Any	Any	Require inbound and outbound
DC!	Any	Any	Request inbound and outbound
DQ	Any	Any	Request inbound and outbound
DU	Any	Any	Request inbound and outbound

Server4 has no connection security rules.

Server4 Configurations

Server4 has the effective Group Policy settings for user rights as shown in the following table.

Policy	Security Setting
Access this computer from the network	Group!, Administrators, Backup Operators, Everyone Users
Deny access to this computer from the network	Grcup-1
Allow loa on through Remote Desktop Services	Gioup2, Administrators, Remote Desktop Users
Deny log on through Remote Desktop Services	Group?

Server4 has the disk configurations shown in the following exhibit.

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Virtualization Infrastructure

The contoso.com domain has the Hyper-V failover clusters shown in the following table.

Name	Number of node*	Number of virtual machine*
Clu steel	6	18
Cluster	4	12
ClusteJ		6

Technical Requirements

Contoso identifies the following technical requirements:

Promote a new server named DC4 that runs to Windows Server 2022 to a domain controller.

Replicate the virtual machines from Cluster2 to an Azure Recovery Services vault.

Centrally manage performance alerts in Azure for all the domain controllers.

Ensure that User1 can recover objects from the Active Directory Recycle Bin.

Migrate Share1 to Server2, including all the share and folder permissions.

Back up Server4 and all data to an Azure Recovery Services vault.

Use Hyper-V Replica to protect the virtual machines in Cluster3.

Implement BitLocker Drive Encryption (BitLocker) on Server4.

Whenever possible, use the principle of least privilege.

Question: 11

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.

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

Explanation:

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

Answer:

Reference:

<https://docs.microsoft.com/en-us/windows-server/storage/refs/refs-overview>

<https://docs.microsoft.com/en-us/powershell/module/bitlocker/enable-bitlockerautounlock?view=windowsserver2022-ps>

Question: 12

HOTSPOT

What is the effective minimum password length for User1 and Admin1? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

User1:

8
9
10
11
12

Admin1:

8
9
10
11
12

Explanation:

User1:

8
9
10
11
12

Admin1:

8
9
10
11
12

Answer:

Box 1: 9

When multiple PSOs apply to a user, the PSO with the highest precedence (lowest precedence number) applies which in this case is PSO1.

Box 2: 8

There are no PSOs applied to Admin1 so the password policy from the Default Domain GPO applies.

The Minimum password length setting in GPO1 would only apply to local user accounts on computers in OU1. It does not apply to domain user accounts.

Question: 14

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.

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

Explanation:

Answer:

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: 15

You need to back up Server 4 to meet the technical requirements.

What should you do first?

- A. Deploy Microsoft Azure Backup Server (MABS).
- B. Configure Windows Server Backup.
- C. Install the Microsoft Azure Recovery Services (MARS) agent.
- D. Configure Storage Replica.

Answer: C

Explanation:

Reference:

<https://docs.microsoft.com/en-us/azure/backup/install-mars-agent>

Question: 16

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-replica-broker-required>

Question: 17

DRAG DROP

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.

Answer:

Create an Azure Recovery Services vault.

Create a Hyper-V site.

Install and register Azure Site Recovery Providers.

Create and associate replication policies.

Reference:

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

Question: 18

You need to meet technical requirements for Share1.

What should you use?

- A. Storage Migration Service
- B. File Server Resource Manager (FSRM)
- C. Server Manager
- D. Storage Replica

Answer: A

Explanation:

Reference:

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

Question: 19

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. Create an Azure SQL database.

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.

Answer:

Explanation:

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 a Storage Sync Service.
- Create an Azure Log Analytics workspace.
- Create an Azure Storage account.

Reference:

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

Question: 20

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

Explanation:

Question: 21

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

Explanation:

Question: 22

Which domain controller should be online to meet the technical requirements for DC4?

- A. DC1
- B. DC2
- C. DC3

Answer: C

Explanation:

Topic 3, Misc. Questions

Question: 23

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=o365-worldwide>

Question: 24

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 Tamper Protection.

Does this meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

Reference:

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

Question: 25

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 App & browser control, you configure the Exploit protection settings.

Does this meet the goal?

A. Yes

B. No

Answer: B

Explanation:

Reference:

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

Question: 26

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.

Configurations

- Configure Azure AD Identity Protection.
- Configure Azure AD Password Protection.
- Install the Azure AD Pass-through Authentication Agent
- Install the Azure AD Password Protection DC agent.
- Install the Azure AD Password Protection proxy service.

Answer Area

- On DC1;
- On a member server
- In Azure:

Answer

Explanation:

On DC1:

Install the Azure AD Password Protection DC agent

On a member server:

Install the Azure AD Password Protection proxy service.

In Azure:

Configure Azure AD Password Protection.

Reference:

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

Question: 28

DRAG DROP

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

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

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

Answer Area

Actions

Disabled

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.

Answer:

Explanation:

Create an authentication policy.

Create an authentication policy silo.

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: 29

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

You plan to deploy a new line-of-business (LOB) application to VM1.

You need to ensure that the application can create child processes.

What should you configure on VM1?

- A. Microsoft Defender Credential Guard
- B. Microsoft Defender Application Control
- C. Microsoft Defender SmartScreen
- D. Exploit protection

Answer: A

Explanation:

Reference:

<https://docs.microsoft.com/en-us/microsoft-365/security/defender-endpoint/customize-exploit-protection?view=o365-worldwide>

Question: 30

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.

Name	Contents
Domain Controllers	All the domain controllers in the domain
Domain Servers	All the servers that run Windows Server in the domain
Domain Client Computers	All the client computers that run Windows 10 in the domain
Domain Users	All the users in the domain

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

Name	IPsec setting
GPO1	Require authentication by using Kerberos V5 for inbound connections
GPO2	Request authentication by using Kerberos V5 for inbound connections
GPO3	Require authentication by using X.509 certificates for inbound connections
GPO4	Request authentication by using X.509 certificates for inbound connections

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.

Domain Controllers:

- GPO1
- GPO2
- GPO3
- GPO4

Domain Servers:

- GPO1
- GPO2
- GPO3
- GPO4

Answer:

Explanation

Domain Controllers:

- GPO1
- GPO2
- GPO3
- GPO4

Domain Servers:

- GPO1
- GPO2
- GPO3
- GPO4

Reference:

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

Question: 31

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>

Question: 32

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/arc-policies-mma>

Question: 33

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-ss0-quick-start>

Question: 34

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>

Question: 35

HOTSPOT

Your network contains an Active Directory Domain Services (AD DS) forest. The forest contains the domains shown in the following table.

Name	Domain controller	Configuration
fabrikam.com	DC1	PDC emulator
	DC2	Infrastructure master
	DCS	Read-only domain controller (RODC)
eu.fabrikam.com	DC4	PDC emulator
	DC5	Infrastructure master
	DC6	Read-only domain controller (RODC)

You are implementing Microsoft Defender for Identity sensors.

You need to install the sensors on the minimum number of domain controllers. The solution must ensure that Defender for Identity will detect all the security risks in both the domains.

What should you identify? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Domain controllers that require the sensors:

- DC1 and DC4 only
- DC2 and DCS only
- DCrDC2;DC4ind~Dcroniy~
- All the domain controllers in the forest

Authentication information that must be provided during the sensor installation:

- An AD DS group managed service account (gMSA)
- A cloud-only user from Azure Active Directory (Azure AD)
- The access key generated by the Microsoft Defender for Identity portal

Answer:

Explanation:

Domain controllers that require the sensors:

- DC1 and DC4 only
- DC2 and DC5 only
- DC1,DC2, DC4, and DC5 only
- All the domain controllers in the forest

Authentication information that must be provided during the sensor installation:

- An AD DS group managed service account (gMSA)
- A cloud-only user from Azure Active Directory (Azure AD)
- The access key generated by the Microsoft Defender for Identity portal

Reference:

<https://docs.microsoft.com/en-us/defender-for-identity/technical-faq#deployment>

<https://docs.microsoft.com/en-us/defender-for-identity/install-step4>

Question: 36

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. KerberosV5
- D. computer certificate

Answer: D

Explanation:

Reference:

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

Question: 37

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>

Question: 38

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-in-server-manager>

Question: 39

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

Explanation:

Question: 40

You have an Azure virtual machine named VM1.

You enable Microsoft Defender SmartScreen on VM1.

You need to ensure that the SmartScreen messages displayed to users are logged.

What should you do?

- A. From a command prompt, run WinRM quickconfig.
- B. From the local Group Policy, modify the Advanced Audit Policy Configuration settings.

- C. From Event Viewer, enable the Debug log.
- D. From the Windows Security app, configure the Virus & threat protection settings.

Answer: C

Explanation:

Reference:

<https://docs.microsoft.com/en-us/windows/security/threat-protection/microsoft-defender-smartscreen/microsoft-defender-smartscreen-overview>

Question: 44

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>

Question: 45

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.

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)

Answer:

Explanation:

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)

Reference:

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

Question: 46

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.

Question: 47

DRAG DROP

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

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.

Answer Area

Answer: m

Explanation:

Create a failover cluster.

Enable Storage Spaces Direct.

Create a volume

Reference:

<https://docs.microsoft.com/en-us/system-center/vmm/s2d-hyper-converged?view=sc-vmm-2019>

Question: 48

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

Name	File system
Volume1	NTFS
Volume2	ReFS

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

Name	File system
Volume3	NTFS
Volume4	ReFS

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>

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.

File1:	<input type="checkbox"/>
	1
	2
	3
File2:	<input type="checkbox"/>
	1
	2
	3

Answer:

Explanation:

File1:

	▼
1	
2	
3	

File2:

	▼
1	
2	
3	

Reference:

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

Question: 50

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.

Cluster role to create on Cluster2:

- Distributed Transaction Coordinator (DTC)
- Generic Script
- Hyper-V Replica Broker
- Virtual machine

Replication target name to specify:

- Cluster?
- The name of a node on Cluster2
- The name of each virtual machine
- The name of the Hyper-V Replica Broker

Answer:

Explanation:

Cluster role to create on Cluster2:

- Distributed Transaction Coordinator (DTC)
- Generic Script
- Hyper-V Replica Broker
- Virtual machine

Replication target name to specify:

- Cluster2
- The name of a node on Cluster2
- The name of each virtual machine
- The name of the Hyper-V Replica Broker

Reference:

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

Question: 51

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>

Question: 52

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.

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 Service!.
- Configure the Recovery settings of Service!.
- Configure the Startup and Recovery settings. Install and configure the Azure Monitor agent.

Answer:

Explanation:

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.

Question: 53

DRAG DROP

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: <input type="text" value="Component"/>
An Azure Site Recovery configuration server	To Server1: <input type="text" value="Component"/>
The Azure Site Recovery Mobility Service	
The Microsoft Azure Recovery Services (MARS) agent	

Answer:

Explanation:

To AppSrv1 and AppSrv2: The Azure Connected Machine agent, The Azure Site Recovery Mobility Service

To Server1: An Azure Site Recovery configuration server

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>

Question: 54

DRAG DROP

You have two Azure virtual machines named VM1 and VM2. VM1 is backed up to an Azure Recovery Services vault daily and retains backups for 30 days.

You need to restore an individual file named C:\Data\Important.docx from VM1 to VM2. The solution must minimize administrative effort.

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.

Actions

- Unmount the disks.
- Download the file recovery script for VM1.
- Copy the file by using Azure Storage Explorer.
- Copy the file by using File Explorer.
- Restore the file by using Windows Server Backup.
- Run the file recovery script on VM2.

Answer Area

Answer:

Explanation:

Download the file recovery script for VM1.

Run the file recovery script on VM2.

Copy the file by using File Explorer.

Unmount the disks.

Reference:

<https://docs.microsoft.com/en-us/azure/backup/backup-azure-restore-files-from-vm>

Question: 55

HOTSPOT

You have three servers named Host1, Host2, and VM1 that run Windows Server. Host1 and Host2 have the Hyper-V server role installed. VM1 is a virtual machine hosted on Host1.

You configure VM1 to replicate to Host2 by using Hyper-V Replica.

Which types of failovers can you perform on VM1 on each host? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

VM1 on Host1:

Failover only

Test Failover only

Planned Failover only

Failover and Planned Failover only

Test Failover and Failover only

VM1 on Host2:

Failover only

Test Failover only

Planned Failover only

Failover and Planned Failover only

Test Failover and Failover only

Explanation:

Answer:

VM1 on Host1:

	▼
Failover only	
Test Failover only	
Planned Failover only	
Failover and Planned Failover only	
Test Failover and Failover only	

VM1 on Host2:

	▼
Failover only	
Test Failover only	
Planned Failover only	
Failover and Planned Failover only	
Test Failover and Failover only	

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>

Question: 57

DRAG DROP

You have an Azure subscription that contains an Azure Recovery Services vault.

You have an on-premises physical server that runs Windows Server.

You need to back up the server daily to Azure.

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

- On Server1, install and register the Azure Connected Machine agent.
- Schedule a backup.
- On Server1, install and register the Azure Site Recovery Mobility service agent.
- Download the Vault Credentials file.
- Install and register the Microsoft Azure Recovery Services (MARS) agent.
- Create a recovery plan.

Answer:

Explanation:

Download the Vault Credentials file.

Install and register the Microsoft Azure Recovery Services (MARS) agent.

Schedule a backup.

Reference:

<https://docs.microsoft.com/en-us/azure/backup/tutorial-backup-windows-server-to-azure>

Question: 58

DRAG DROP

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

Answer Area

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:

Explanation:

Start DC1 in Directory Services Restore Mode.

Perform a system state restore on DC1.

Perform an authoritative restore on DC1.

Question: 59

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

Answer: AC

Explanation:

Reference:

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

Question: 60

DRAG DROP

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 local host:51389.

Restore the group from the Active Directory Recycle Bin.

Answer:

Explanation:

Restore the system state to an alternate location

Mount Active Directory to port 51389.

From Active Directory Users and Computers, change the domain controller to localhost:51389.

View the membership of the group.

Reference:

<http://sysadmindoc.blogspot.com/2018/10/mount-active-directory-database-from.html>

Question: 62

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>

Question: 63

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>

Question: 64

DRAG DROP

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 AzureHirgrateInstaller.ps1.

Import a virtual machine.

Configure the appliance and register the appliance with Azure Migrate.

Answer:

Explanation:

Download and extract the Azure Migrate installer script ZIP file.

Run AzureMirgrateInstaller.ps1.

Configure the appliance and register the appliance with Azure Migrate.

Reference:

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

Question: 65

DRAG DROP

Your network contains an Active Directory Domain Services (AD DS) domain named contoso.com. The functional level of the forest and the domain is Windows Server 2012 R2. The domain contains the domain controllers shown in the following table.

Name	Operating system	FSMO role
DC1	Windows Server 2012 R2	All
DC2	Windows Server 2022	None
DC3	Windows Server 2019	None

You need to raise the forest functional level to Windows Server 2016. The solution must meet the following requirements:

Ensure that there are three domain controllers after you raises the level.

Minimize how long the FSMO roles are unavailable.

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
Install the Active Directory Migration Tool (ADMT).	
Deploy an additional domain controller.	
Raise the domain and forest functional level.	
Upgrade DC3.	
Migrate computer accounts by using the Active Directory Migration Tool (ADMT).	
Upgrade DC1.	
Create a custom AD DS partition.	
Move the FSMO roles to DC2.	

Answer:

Explanation:

Move the FSMO roles to DC2

Upgrade DC1

Raise the domain and forest functional level

Question: 66

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>

Question: 67

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-migration-service>

Question: 68

HOTSPOT

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

Name	Operating system	Server role
Server1	Windows Server 2019	DHCP Server
Server2	Windows Server 2022	DHCP Server
Server3	Windows Server 2019	File Server

Server3 contains a share named Share1.

On Server1, DHCP has the following configurations:

Conflict detection attempts: 3

An IPv4 scope named Scope1 that has the following settings:

1. Address Pool: 172.16.10.100 - 172.16.10.130
2. Address Leases:
 - 172.16.10.100 computer1.contoso.com
 - 172.16.10.101 computer2.contoso.com

Reservations: 172.16.10.101 computer2.contoso.com

Policies: Policy1

You perform the following actions:

On Server1, you run

```
Export-DhcpServer -File \\Server3\Share1\File1.xml.
```

On Server2, you run

```
Import-DhcpServer -File \\Server3\Share1\File1.xml  
-BackupPath \\Server3\Share1.
```

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

NOTE: Each correct selection is worth one point.

Statements

Yes No

On Server2, Conflict detection attempts is set to 3.

On Server2, there is a reservation for computer2.contoso.com.

On Server2, Policy1 is applied to Scopel.

Answer:

Explanation:

Statements

Yes No

On Server2, Conflict detection attempts is set to 3.

On Server2, there is a reservation for computer2.contoso.com.

On Server2, Policy1 is applied to Scopel.

Reference:

<https://docs.microsoft.com/en-us/powershell/module/dhcpserver/export-dhcpserver?view=windowsserver2022-ps>

<https://docs.microsoft.com/en-us/powershell/module/dhcpserver/import-dhcpserver?view=windowsserver2022-ps>

Question: 69

DRAG DROP

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.

Answer:

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.

Question: 71

HOTSPOT

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.

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.

Answer:

Explanation:

On Server:

- 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.

Reference:

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

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

Question: 72

DRAG DROP

Your network contains an Active Directory Domain Services (AD DS) domain. The domain contains a print server named Server1. All printers are deployed to users by using a Group Policy Object (GPO) named GPO1.

You deploy a new server named Server2.

You need to decommission Server1. The solution must meet the following requirements:

- Migrate the shared printers to Server2 by using the Printer Migration Wizard.
- Ensure that the users use the printers on Server2.

Minimize downtime for the users. 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.

Actions	Answer Area
Decommission Server1.	
Import the printers on Server2.	
Deploy Windows Server Hybrid Cloud Print.	
Export the printers on Server1.	
Update the service principal name (SPN) of each printer.	
Modify GPO1.	
Answer:	
Explanation:	

Export the printers on Server!

Import the printers on Server?

Modify GPO1. | Decommission Server!

Reference:

<https://docs.microsoft.com/en-us/archive/blogs/canitpro/step-by-step-migrating-print-servers-from-windows-server-2008-to-windows-server-2012>

Question: 73

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: AD

Explanation:

Reference:

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

Question: 74

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

Name	location	Domain/workgroup
Server1	On-premises	Doman
Server 2	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

Explanation:

Question: 75

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-to-windows-server-2022/>

Question: 76

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.

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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

Explanation:

Question: 77

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 run the Active Directory Migration Tool (ADMT).

Does this meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

Question: 78

You have an on-premises network and an Azure virtual network.

You establish a Site-to-Site VPN connection from the on-premises network to the Azure virtual network, but the connection frequently disconnects.

You need to debug the IPsec tunnel from Azure.

Which Azure VPN Gateway diagnostic log should you review?

- A. GatewayDiagnosticLog
- B. RouteDiagnosticLog
- C. IKEDiagnosticLog
- D. TunnelDiagnosticLog

Answer: D

Explanation:

Reference:

<https://docs.microsoft.com/en-us/azure/vpn-gateway/troubleshoot-vpn-with-azure-diagnostics>

Question: 79

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 netsh.
- 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>

Question: 80

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>

Question: 81

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

Explanation:

Question: 82

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>

Question: 83

Your on-premises network contains two subnets. The subnets contain servers that run Windows

Server as shown in the following table.

Name	IP address
Server1	192.168.1.10
Server2	192.168.0.250
Server3	192.168.0.240
Server4	192.168.0.10

Server4 has the following IP configurations:

Ethernet adapter Ethernet:

Connection-specific DNS Suffix . . . :

IPv4 Address: 192.168.0.10

Subnet Mask: 255.255.255.0

Default Gateway: 192.168.0.1

From Server4, you can ping Server1 and Server2 successfully. When you ping Server3, you get a Request timed out response.

From Server2, you can ping Server1 and Server3 successfully.

The misconfiguration of which component on Server3 can cause the Request timed out response?

- A. default gateway
- B. IP address
- C. subnet mask
- D. DNS server

Answer: C

Explanation:

Question: 84

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>

Question: 85

HOTSPOT

You have a server named Server1 that runs Windows Server.

On Server1, you create a Data Collector Set named CollectorSet1 based on the Basic template.

You need to configure CollectorSet1 to meet the following requirements:

Older performance counter logs must be overwritten by new ones.

Performance counter logging must stop if there is less than 500 MB of free disk space.

What should you configure for each requirement? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Older performance counter logs must be overwritten by new ones:

- The Configuration properties
- The Data Manager properties
- The Performance Counter properties

Performance counter logging must stop if there is less than 500 MB of free disk space:

- The Configuration properties
- The Data Manager properties
- The Performance Counter properties

Answer:

Explanation:

Older performance counter logs must be overwritten by new ones:

- The Configuration properties
- The Data Manager properties
- The Performance Counter properties

Performance counter logging must stop if there is less than 500 MB of free disk space:

- The Configuration properties
- The Data Manager properties
- The Performance Counter properties

Question: 86

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>

Question: 87

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

Explanation:

Question: 88

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.

Actions

Answer Area

From the Azure portal, configure the Boot diagnostics settings for VM1 to use a custom storage account.
From the Azure portal, open the Run command blade.

From the Azure portal, open the Serial console blade of VM1.

From the Azure portal, enable just in time (JIT) VM access to VM1.

From the Serial console, run `ch -si i` and sign in by using a local account.

From the Serial console, run `«i`

Answer:

Explanation:

From the Azure portal, configure the Boot diagnostics settings for VM1 to use a custom storage account.

From the Azure portal, open the Serial console blade of VM1.

From the Serial console, run `cmd.`

From the Serial console, run `ch -si 1` and sign in by using a local account.

Reference:

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

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

Question: 89

DRAG DROP

Your network contains an Active Directory Domain Services (AD DS) domain. The domain contains a failover cluster named Cluster1.

You need to configure Cluster-Aware Updating (CAU) on the cluster by using Windows Admin Center (WAC).

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

- Enable CredSSP
- Add Cluster1 to WAC
- Add the Cluster-Aware Updating role
- Add a group managed service account (gMSA)
- Add a WAC gateway



Answer:

Explanation:

Answer Area

- 1 Add a group managed service account (gMSA).
- 2 Add Cluster1 to WAC.
- 3 Enable CredSSP.

Question: 90

You need to use a comma-separated value (CSV) file to import server inventory to Azure Migrate. Which fields are mandatory for each entry in the CSV file?

- A. Server name, Cores, OS Name, and Memory (in MB)
- B. Server name, IP addresses, Disk 1 size (in GB), and CPU utilization percentage
- C. Server name, IP addresses, OS version, and Number of disks

Answer: A

Explanation:

Question: 91

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: A

Question: 92

HOTSPOT

You have a failover cluster named Cluster1 that contains the nodes shown in the following table.

Name	Server role
Node1	File Server
Node2	File Server
Node3	File Server

A File Server for general use cluster role named HAFS is configured as shown in the General exhibit (Click the General tab.)

Answer Area

If you select **Move**, and then **Best Possible Node**, HAFS will move to Node3.

If you stop and start Cluster1, HAFS will come online on Node 1.

If you select **Move**, **Select Node**, and then **Node?**, HAFS will move to Node?.

Answer:

Explanation:

Answer Area

If you select **Move** and then **Best Possible Node**, HAFS will move to Node3.

If you stop and start Cluster1, HAFS will come online on Node 1.

If you select **Move**, **Select Node**, and then **Node?**, HAFS will move to Node?.

Question: 93

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

When you attempt to install the Azure Performance Diagnostics extension on VM1, 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 WaAppAgentlog file.
- B. From the Azure portal, view the alerts for VM1.
- C. From the Azure portal, view the activity log for VM1.
- D. Sign into VM1 and verify the MonitoringAgentlog file.

Answer: A, B

Question: 94

HOTSPOT

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.

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

Name	Endpoint 1	Endpoint 2	Authentication mode	Authentication method
Rule 11	172.16.10.0/24	172.16.20.50	Require inbound and outbound	Computer (NTLMv2)
Rule 12	172.16.10.10	172.16.0.0/16	Request inbound and outbound	Computer (Kerberos)

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

Answer Area

Statements

Server1 can communicate with Server2 successfully.

Yes

No

Server2 can communicate with Server3 successfully.

Server3 can communicate with Server2 successfully.

Name	IP address
Server1	172.16.10.10
Server2	172.16.20.50
Server3	172.16.30.80

Answer:

Explanation:

Answer Area

Statements

Server1 can communicate with Server2 successfully.

Yes

No

Server2 can communicate with Server3 successfully.

Server3 can communicate with Server2 successfully.

Question: 96

Your network contains an Active Directory Domain Services (AD DS) domain. The domain contains 20 Active Directory sites. All user management is performed from a central site.

You add users to a group.

You discover that group changes do NOT appear on a domain controller in a remote site.

You need to identify whether the group changes appear on other domain controllers.

What should you use?

- A. Microsoft Support and Recovery Assistant
- B. File Replication Service (FRS) Status Viewer
- C. Active Directory Replication Status Tool

D. Active Directory Sites and Services

Answer: C

Explanation:

Question: 97

You have five Azure virtual machines. You have a dedicated Azure Storage account to collect performance data

a. You need to send the collected data directly to the Azure Storage account. What should you install on the virtual machines?

- A. the Telegraf agent
- B. the Azure Monitor agent
- C. the Dependency agent
- D. the Azure Diagnostics extension
- E. the Azure Connected Machine agent

Answer: E

Explanation:

Question: 98

You have three servers named Server 1, Server 2, and Server 3 that run Windows Server. The servers have the Hyper-V server role installed and are configured in a Storage Spaces Direct cluster named Cluster1.

Cluster1 hosts a virtual machine named VM1 that has Windows Admin Center installed.

You manage all servers and clusters by using Windows Admin Center.

You purchase an Azure subscription.

You need to configure email alerts in Azure Monitor for the following:

- Disk Capacity Utilization Over 80% for 10 Minutes
- Any critical alert in the cluster system event log
- Memory Utilization over 95% for 10 minutes
- Heartbeat fewer than 5 beats for 5 Minutes.
- CPU Utilization over 85 % for 10 Minutes.
- Any health service faults for the cluster

The solution must use the minimum amount of administrative effort.

What should you do?

- A. From Windows Admin Center, configure Azure Monitor and onboard Cluster1.
- B. From Azure portal, configure Azure Monitor and onboard Cluster1 by using Azure Arc.
- C. Configure Azure Monitor and manually install the Microsoft Monitoring Agent on Server1, Server2 and Server3

Answer: B

Explanation:

Question: 99

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 Services (WSUS)

Answer: B

Explanation:

Question: 100

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

Explanation:

Question: 101

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. The Get-StoragefileServer cmdlet
- B. Resource Monitor
- C. System Configuration
- D. Windows Admin Center

Answer: D

Explanation:

Question: 103

Your network contains an on-premises Active Directory Domain Services (AD DS) domain named contos.com. The domain contains the accounts shown in the following table.

Name	Account type	In organizational unit (OU)
Admin1	User	OU1
Admin2	User	OU2
Server1	Computer	OU3
Server2	Computer	OU4

The domain is configured to store BitLocker recovery keys in Active Directory.

- * Admin1 turns on BitLocker Drive Encryption (BitLocker) for volume C on Server1.
- * Admin1 moves Server1 to OU1.
- * Admin2 turns on BitLocker for removable volume E on Server2.
- * Admin2 moves removable volume E from Server2 to Server1 and unlocks the volume.

On which Active Directory object can you each BitLocker recovery key? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Annwtal

he BfillTxJcri tecovefy key to wtoft C *

I he frLockcf recovery to key volume L *

Answer: see the answer below in image.

Explanation:

Answer as:

Anewer Arte

he AriLocko tecncry key to Kjkene C AOnm *

Th# MbOChv T4v»wy to key vuMrc L c * 'ow /nr *

Question: 104

HOTSPOT

You have an on-premises server named Server1 and Microsoft Sentinel instance.

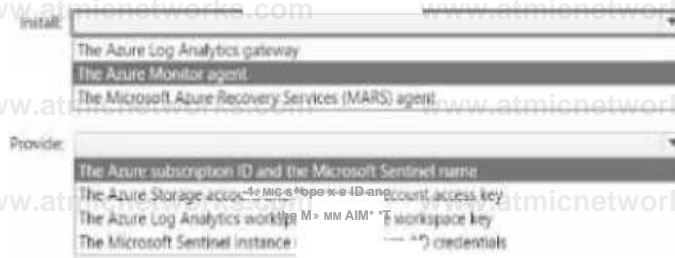
You plan to collect windows Defender Firewall events from Sever1 and analyze the event data by using Microsoft Sentinel.

What should you install on Server1, and which information should you provide during the instance?

To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area



Answer:

Explanation:

Answer Area

Question: 105

Your network contains an Active Directory Domain Service (AD DS) domain named contoso.com. The domain contains three domain controllers named DC1, DC2, and DC3.

You connect a Microsoft Defender or identity instances to the domain.

You need to onboard all the domain controllers to Defender for identity.

What should you run the domain controllers?

- A. AzureConnectedMachineAgent,wsl
- B. MARAgentInstaller.exe
- C. Azure ATP Sensor setup.exe
- D. MASetup-AMD64.exe

Answer: C

Explanation:

Question: 106

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 App & browser control, you configure the Reputation-based protection.

Does this meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

Question: 107

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 Microsoft Defender Antivirus on Server1.

Does this meet the goal?

A. Yes

B. No

Answer: B

Explanation:

Question: 108

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

Explanation:

Question: 109

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 shrink the data disk on Server1.
Does this meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

Question: 110

DRAG DROP

You need to create a Hyper-V hyper-converged cluster that stores virtual machines by using Storage Spaces
Owned

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

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

Answer:

Explanation:

Answer Area

1	Create a failover cluster.
2	Enable Storage Spaces Direct.
3	Create a volume.

Question: 111

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

Explanation:

Question: 112

Your network contains an Active Directory Domain Services (AD DS) domain. All domain members have Microsoft Defender Credential Guard with UEFI lock configured in the domain. You deploy a server named Server1 that runs Windows Server. You disable Credential Guard on Server1. You need to ensure that Server1 is MOST subject to Credential Guard restrictions. What should you do next?

- A. Run the Device Guard and Credential Guard hardware readiness tool
- B. Disable the Turn on Virtualization Based Security group policy setting
- C. Run dism and specify the /Disable-Feature and /FeatureName:IsolatedUserMode parameters

Answer: B

Explanation:

Question: 113

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.) 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. NO

Answer: B

Explanation:

Question: 114

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

Explanation:

Question: 115

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

Explanation:

Question: 116

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. File Server Resource Manager (FSRM)
- B. the Get-StorageSubsystem cmdlet
- C. Disk Management
- D. Windows Admin Center

Answer: D

Explanation:

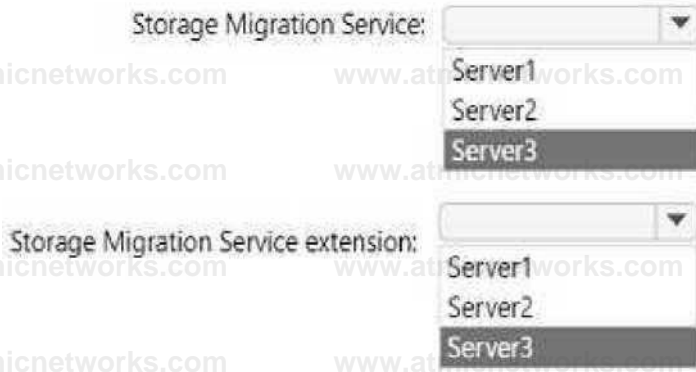
Question: 117

HOTSPOT

You have the servers shown in the following table.

Name	Operating system	Configuration	Install option
Server1	Windows Server 2012 R2	File server	Server Core
Server2	Windows Server 2022	File server	Server Core
Server3	Windows Server 2016	Domain controller	Server with Desktop Experience

You plan to migrate file shares from Server1 to Server2.



Answer:

Explanation:

Server 2
Server 1

Question: 118

You have an on-premises server named Server1 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 and a Recovery Services vault
- D.

Answer: B

Explanation:

Question: 119

You have an Azure subscription. The subscription contains a virtual machine named VM1 that runs Windows Server. The subscription contains the storage accounts shown in the following table.

Name	Performance	Premium account type	Redundancy
storage1	Standard	Not applicable	Geo-redundant storage (GRS)
storage2	Standard	Not applicable	Zone-redundant storage (ZRS)
storage3	Premium	Block blobs	Locally-redundant storage (LRS)
storage4	Premium	File shares	Locally-redundant storage (LRS)

You plan to enable boot diagnostics for VM1.

You need to configure storage for the boot diagnostics logs and snapshots. Which storage account should you use?

- A. storage1
- B. storage2
- C. storage3

Answer: C

Explanation:

Question: 120

DRAG DROP

You have an on-premises IIS web server that hosts a web app named Appl. You plan to migrate App1 to a container and run the container in Azure. You need to perform the following tasks:

- Export App1 to a ZIP file.
- Create a container image based on Appl.

The solution must minimize administrative effort.



Answer:

Explanation:

Azure Migrate Web deploy

Question: 121

HOTSPOT

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

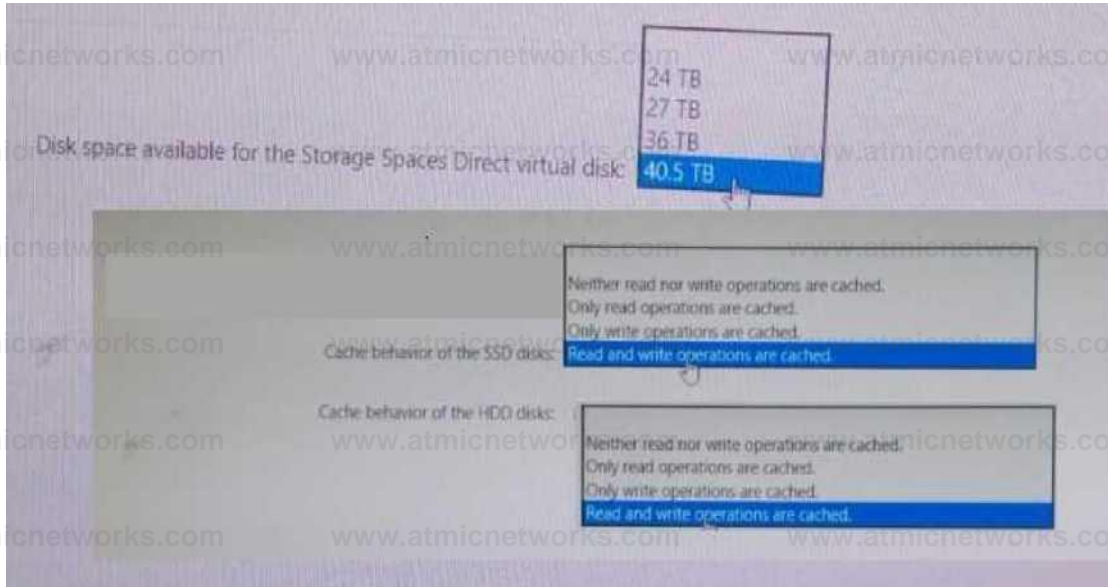
You need to deploy a Storage Spaces Direct virtual disk to Cluster1.

You add the following disks to each node:

- Three 512-6B 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.



Answer:

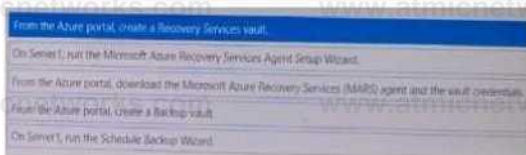
Explanation:

Question: 122

DRAG DROP

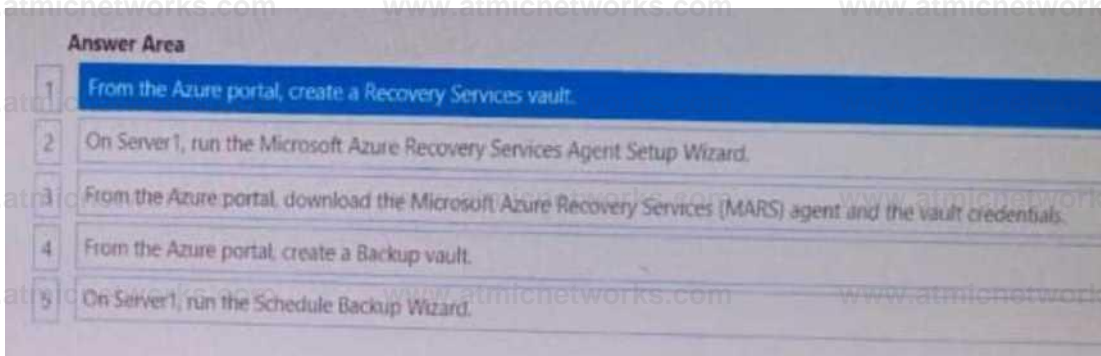
You have an on-premises server named Server1 that runs Windows Server. You need to perform an ON-demand backup of the files on Server 1 by using Azure Backup.

Which five actions should you perform in sequence? To answer, move the appropriate actions actions from the list of actions to the answer are and arrange them in the correct order.



Answer:

Explanation:



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.html>

Question: 123

HOTSPOT

Your network contains an Active Directory Domain Services (AD DS) domain. The domain contains three servers named Server1, Server2, and Server3 that run Windows Server. All the servers are on the same network and have network connectivity.

On Server1, Windows Defender Firewall has a connection security rule that has the following settings:

- Rule Type: Server-to-server
- Endpoint 1: Any IP address
- Endpoint 2: Any IP address
- Requirements: Require authentication for inbound connections and request authentication for

outbound connections

- Authentication Method: Computer (Kerberos V5)
- Profile: Domain, Private, Public
- Name: Rule1

For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

Answer Area	Statements	Yes	No
	When Server1 establishes a network connection with Server1, the connection is encrypted. Server1 can establish a network connection with Server1.	<input type="radio"/>	<input type="radio"/>

When Server1 establishes a network connection with Server1, the connection is encrypted.

Answer:

Explanation:

Answer Area

Statements	Yes	No
When Server1 establishes a network connection with Server1 the connection is encrypted.	<input type="radio"/>	<input checked="" type="radio"/>
Server1 can establish a network connection with Server1.	<input checked="" type="radio"/>	<input type="radio"/>
When Server1 establishes a network connection with Server1, the connection is encrypted.	<input type="radio"/>	<input type="radio"/>

Question: 124

DRAG DROP

You have an Azure subscription that contains an Azure key vault named Vault1.

You plan to deploy a virtual machine named VM1 that will run Windows Server.

You need to enable encryption at host for VM1. The solution must use customer-managed keys.

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 VM1 and associate the disks of the virtual machine with the disk encryption set.	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>
Assign the Virtual Machine Contributor role to the system-assigned managed identity of VM1.	
Enable a system-assigned managed identity on VM1.	
Create a disk encryption set and generate RSA keys.	
Grant Vault1 the managed identity permission for the disk encryption set.	

Answer:

Explanation:

Actions	Answer Area
Create VM1 and associate the disks of the virtual machine with the disk encryption set	[1] Enable a system-assigned managed identity on VM1.
Assign the Virtual Machine Contributor role to the system-assigned managed identity of VM1.	[2] Create a disk encryption set and generate RSA keys.
	[3] Grant Vault1 the managed identity permission for the disk encryption set.

Question: 125

HOTSPOT

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 Server: The Azure File Sync agent

The Azure Connected Machine agent

The Azure File Sync agent

Storage Migration Service
Storage Replica

Answer:

Explanation:

Answer Area

Deploy to Azure: An Azure Storage account

Install on Server!: The Azure File Sync agent

Question: 126

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

Explanation:

Question: 127

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

Explanation:

Question: 128

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 resize the gateway of Vnet1 to a larger SKU.

Does this meet the goal?

A. Yes

B. No

Answer: B

Explanation:

Question: 129

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

You need to deploy a Storage Spaces Direct converged infrastructure. The solution must meet the following requirements:

- Use an Ethernet fabric
- Eliminate the need for Data Center Bridging (DCB).

Which Remote Direct Memory Access (RDMA) networking technology should you implement?

A. InfiniBand

B. RoCEv2

C. iWARP

D. RoCEv1

Answer: B

Explanation:

Question: 130

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:

- Maximize the availability of VM1.
- 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.

Answer Area

Disk configuration | Zone redundant Storage (ZRS) Premium SSD | f]
 Locally-redundant storage (LRS) Premium SSI)
 Zone redundant Storage (ZRS) Premium SSD
 Zone redundant Storage (ZRS) SSD

Virtual network configuration | One virtual network and two subnets | One virtual network and one subnet
 One virtual network and two subnets
 Two virtual networks and two subnets

Answer:

Explanation:

Answer Area

Disk configuration: Zone redundant Storage (ZRS) Premium SSD

Virtual network configuration One virtual network and two subnets

Question: 131

Your network contains an on-premises Active Directory Domain Services (AD DS) domain. The domain contains two virtual machines named VM1 and VM2 that run Windows Server.

You plan to implement a failover cluster named Cluster1 that will use VM1 and VM2 as nodes.

You need to ensure that Cluster1 can use floating IP addresses.

Which two components should you deploy? Each correct answer presents part-of the solution.

NOTE: Each correct selection is worth one point.

- A. Network Load Balancing (NLB)
- B. the Multipoint Services role
- C. the Network Controller role
- D. the Host Guardian Service role
- E. Software Load Balancer (SLB)

Answer: A, D

Explanation:

Question: 132

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 an on-premises server named Server1 that runs Windows Server.

You have a Microsoft Sentinel instance.

You add the Windows Firewall data connector in Microsoft Sentinel.

You need to ensure that Microsoft Sentinel can collect Windows Firewall logs from Server1.

Solution: You install the Log Analytics agent on Server1

Does this meet the goal?

A. Yes

B. No

Answer: A

Explanation:

Question: 133

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 an on-premises server named Server1 that runs Windows Server.

You have a Microsoft Sentinel instance.

You add the Windows Firewall data connector in Microsoft Sentinel.

You need to ensure that Microsoft Sentinel can collect Windows Firewall logs from Server1.

Solution: You onboard Server1 to Microsoft Defender for Endpoint.

Does this meet the goal?

A. Yes

B. No

Answer: A

Explanation:

Question: 134

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 an on-premises server named Server1 that runs Windows Server.

You have a Microsoft Sentinel instance.

You add the Windows Firewall data connector in Microsoft Sentinel.

You need to ensure that Microsoft Sentinel can collect Windows Firewall logs from Server1.

Solution: You install the Microsoft Integration Runtime on Server1.

Does this meet the goal?

A. Yes

B. No

Answer: B

Explanation:

Question: 135

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 App & browser control, you configure Reputation-based protection.

Does this meet the goal?

A. Yes

B. No

Answer: B

Explanation:

Question: 136

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

The operating system on VM1 fails to fully initialize its network stack, and you cannot establish a network connection.

You need to establish an interactive shell session.

What should you use?

A. Azure Bastion

B. Serial console

C. just-in-time (JIT) VM access

Answer: A

Explanation:

Question: 137

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 an on-premises server named Server1 that runs Windows Server.

You have a Microsoft Sentinel instance.

You add the Windows Firewall data connector in Microsoft Sentinel.

You need to ensure that Microsoft Sentinel can collect Windows Firewall logs from Server1.

Solution: You install the Azure Connected Machine agent on Server1.

Does this meet the goal?

A. Yes

B. No

Answer: B

Explanation:

Question: 138

Your network contains an Active Directory Domain Services (AD DS) forest. The forest functional level is Windows Server 2012 R2. The forest contains the domains shown in the following table.

Name	Operating system of all domain controllers	Domain functional level
contoso.com	Windows Server 2016	Windows Server 2012 R2
east.contoso.com	Windows Server 2019	Windows Server 2016

You create a user named Admin1.

You need to ensure that Admin1 can add a new domain controller that runs Windows Server 2022 to the east.contoso.com domain. The solution must follow the principle of least privilege.

To which groups should you add Admin1?

A. EAST\Domain Admins only

- B. CONTOSO\Enterprise Admins only
- C. CONTOSO/Schema Admins and EAST\Domain Admins
- D. CONTOSO\Enterprise Admins and CONTOSO/Schema Admins

Answer: C

Explanation:

Question: 139

HOTSPOT

You have an on-premises Active Directory Domain Services (AD DS) domain that contains the resources shown in the following table.

Name	Type	Description
User1	User	Is a member of Group1
User 2	User	Has a phone number of 111 -111
User 3	User	Is in the Users container
Group1	Group	None
OU1	Organizational unit (OU)	Is empty

The domain contains the domain controllers shown in the following table.

Name	Site
DC1	Site1
DC2	Site2

You configure a site link between Site1 and Site2 and set the replication interval to 20 minutes.

At 10:00 AM, connectivity between Site1 and Site2 fails.

Administrators perform the actions shown in the following table.

Time	Performed on	Description
10:05 AM	DC1	Move User3 to OU1.
10:07 AM	DC2	Remove User1 from Group1.
10:10 AM	DC1	Change the phone number of User2 to
10:11 AM	DC1	Change the phone number of User 2 to
10:12 AM	DC1	Add User2 to Group1.
10:20 AM	DC2	Delete OU1
10:25 AM	DC2	Change the phone number of User2 to

At 10:30 AM, connectivity between Site1 and Site2 is restored.

For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth dim point

Answer Area

Statements

At 11:30 AM, User1 and User2 are members of Group1

Yes

No

At 11:30 AM, the phone number of User1 is 333-333.

At 11:30 AM, User3 is deleted.

Answer:

Explanation:

Answer Area

Statements

At 11:30 AM, User1 and User2 are members of Group1.

Yes

No

At 11:30 AM, the phone number of User1 is 333-333.

At 11:30 AM, User3 is deleted.

Question: 140

HOTSPOT

You have an on-premises server named Server1 that runs Windows Server.

You have an Azure subscription.

You plan to back up the files and folders on Server1 by using the Microsoft Azure Recovery Services (MARS) agent.

You need to identify to which location the backups can be written and the maximum number of scheduled backups that can be performed per day.

What should you identify? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point

Answer Area

Backup location: [An Azure Backup vault](#)

[An Azure Backup vault](#)

A Recovery Services vault in Azure

The Cool access tier of an Azure Storage account

The Archive access tier of an Azure Storage account

Maximum number of scheduled backups per day:

- 1
- 3
- 6
- 24
- 72

Answer:

Explanation:

Answer Area

Backup location: [An Azure Backup vault](#)

Maximum number of scheduled backups per day: 3

Question: 141

DRAG DROP

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

The operating system on VM1 fails to start due to a disk error.

You need to resolve the error.

Which four commands should you run in sequence in Azure Cloud Shell? To answer, move the appropriate commands from the list of commands to the answer area and arrange them in the correct order.

Actions

- az extension add
- az vm disk
- az vm repair create
- az vm repair run
- az vm repair restore

Answer Area

Navigation arrows: right arrow, left arrow

Answer:

Explanation:

Actions

- az extension add

Answer Area

- 1 az vm disk
- 2 az vm repair create
- 3 az vm repair run
- 4 az vm repair restore

Navigation arrows: up arrow, down arrow

Question: 142

HOTSPOT

Your on-premises datacenter contains physical servers and Hyper-V virtual machines.

You have an Azure subscription.

You plan to use Azure Migrate to perform the following tasks:

- Migrate the physical servers to Azure virtual machines.
- Migrate the Hyper-V virtual machines to Azure.

What should you use for each task? To answer, select the appropriate options in the answer area.

a. NOTE: Each correct selection is worth one point.

Answer Area

Migrate the physical servers to Azure virtual machines: | Migration and modernization | Azure Data Box

Data Migration Assistant (DMA)

Migration and modernization

[Move]

Migrate the Hyper-V virtual machines to Azure: Migration and modernization

Azure Data Box

Data Migration Assistant

Migration and modernization

Move

Answer:

Explanation:

Answer Area

Migrate the physical servers to Azure virtual machines: Migration and modernization

Migrate the Hyper-V virtual machines to Azure: Migration and modernization

Question: 143

HOTSPOT

Your network contains an Active Directory Domain Services (AD DS) domain named contoso.com. The domain contains an organizational unit (OU) named OU1. OU1 contains servers that run sensitive workloads.

You plan to add connection security rules that meet the following requirements:

- The servers in OU 1 must only accept connections from domain-joined
- The servers in OU 1 must only be able to communicate with domain-joined
- You create a Group Policy Object (GPO) named GP01 and link GP01 to contoso.com.

You need to configure a connection security rule in GP01 by using Windows Defender Firewall with Advanced Security.

How should you configure the rule? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Rule Type

Tunnel

Authentication exemption

Isolation

tunnel

Requirements.

Require authentication for inbound connections and request authentication for outbound connections

Request authentication for inbound and outbound connections

Require authentication for inbound and outbound connections

Require authentication for inbound connections and request authentication for outbound connections

Authentication Method

Computer certificate

Computer certificate

Explanation:

Commands

```
Enable-BitLocker -MountPoint "C:\ClusterStorage\Volume1" -RecoveryPasswordProtector  
Get-ClusterSharedVolume -Name "Volume1" | Resume-ClusterResource  
Get-ClusterSharedVolume -Name "Volume1" | Suspend-ClusterResource  
Get-ClusterSharedVolume "Volume1" | Set-ClusterParameter -Name BitLockerProtectorInfo -Value "$KeyProtectorID.keyprotectorid:$KeyProtectorID.RecoveryPassword" -Create
```

Answer Area

```
Step 1: Get-ClusterSharedVolume -Name "Volume1" | Suspend-ClusterResource  
Step 2: Enable-BitLocker -MountPoint "C:\ClusterStorage\Volume1" -RecoveryPasswordProtector  
Step 3: $KeyProtectorID = (Get-BitLockerVolume -MountPoint "C:\ClusterStorage\Volume1").KeyProtector  
Step 4: Get-ClusterSharedVolume "Volume1" | Set-ClusterParameter -Name BitLockerProtectorInfo -Value "$KeyProtectorID.keyprotectorid:$KeyProtectorID.RecoveryPassword" -Create  
Step 5: Get-ClusterSharedVolume -Name "Volume1" | Resume-ClusterResource
```

Computer (Kerberos V5)

Preshared key

Answer:

Explanation:

Answer Area

Rule Type Tunnel

Requirements. Require authentication for inbound connections and request authentication for outbound connections

Authentication Method Computer certificate

Question: 146

- A. IP flow verify
- B. Connection monitor
- C. VPN troubleshoot
- D. Connection troubleshoot

Answer: B

Explanation:

Question: 147

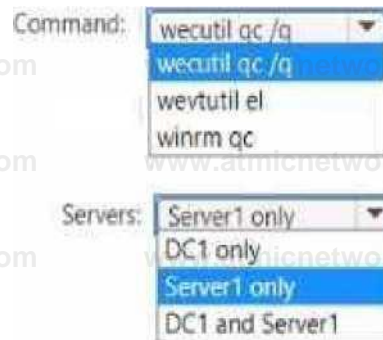
HOTSPOT

Your network contains an Active Directory domain. The domain contains a domain controller named DC1 and a server named Server1 that runs Windows Server.

You need to enable event log subscriptions to forward events from DC1 to Server1.

Which command should you run to enable the Windows Event Collector service, and on which servers should you run the command? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Answer Area



Answer:

Explanation:

Answer Area

Command: wecutil qc /q

Servers: Server! only

Question: 148

Which three actions should you perform? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. Use certificate-based authentication and enable TCP exceptions.
- B. Use Kerberos authentication and enable TCP exceptions.
- C. Enable Hyper-V replication for each virtual machine.
- D. Enable Host2 as a Replica server.
- E. Enable live migration for Host1 and Host2.
- F. Enable Host1 as a Replica server.

Answer: C, D, E

Explanation:

Question: 149

Your network contains an Active Directory Domain Services (AD DS) forest. The forest contains a user named User1. You deploy a read-only domain controller (RODC) named RODC1.

You need to ensure that User1 is a local administrator on RODC1. The solution must use the principle of least privilege. What should you use?

- A. dsamain.exe
- B. Computer Management
- C. ntdsutil.exe
- D. net user

Answer: D

Explanation:

Question: 151

You have an on-premises server named Server1 that runs Windows Server 2022 Standard. You have an Azure subscription that contains the virtual machines shown in the following table.

Name	Location	Operating system
VM1	West US	Windows Server 2022 Datacenter Azure
VM2	Central US	Windows Server 2019 Datacenter
VM3	Central US	Windows Server 2016 Datacenter

The subscription contains a Microsoft Sentinel instance named Sentinel1 in the Central US Azure region. You need to implement the Windows Firewall connector. Which servers can send Windows Firewall logs to Sentinel1?

- A. VM1 only
- B. VM2 only
- C. VM1 and Server1 only
- D. VM1, VM2, and VM3 only
- E. VM1, VM2, and Server1 only
- F. VM1, VM2, VM3, and Server1

Answer: E

Explanation:

Question: 152

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 an on-premises server named Server1 that runs Windows Server.

You have a Microsoft Sentinel instance.

You add the Windows Firewall data connector in Microsoft Sentinel.

You need to ensure that Microsoft Sentinel can collect Windows Firewall logs from Server1.

Solution; You enable event subscription on Server1.

Does this meet the goal?

A. Yes

B. No

Answer: B

Explanation:

Question: 154

DRAG DROP

Your on-premises network contains an Active Directory Domain Services (AD OS) domain.

You plan to implement a failover cluster to enable a highly available file server. You are evaluating the following clustered file servers:

- File server for general use
- Scale-out file server

Which type of storage should you use for each file server? To answer, drag the appropriate storage types to the correct file servers. Each storage type 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.

Storage types

- A Cluster Shared Volume (CSV)
- A local data volume
- A logical unit number (LUN)
- A Network Attached Storage (NAS) volume

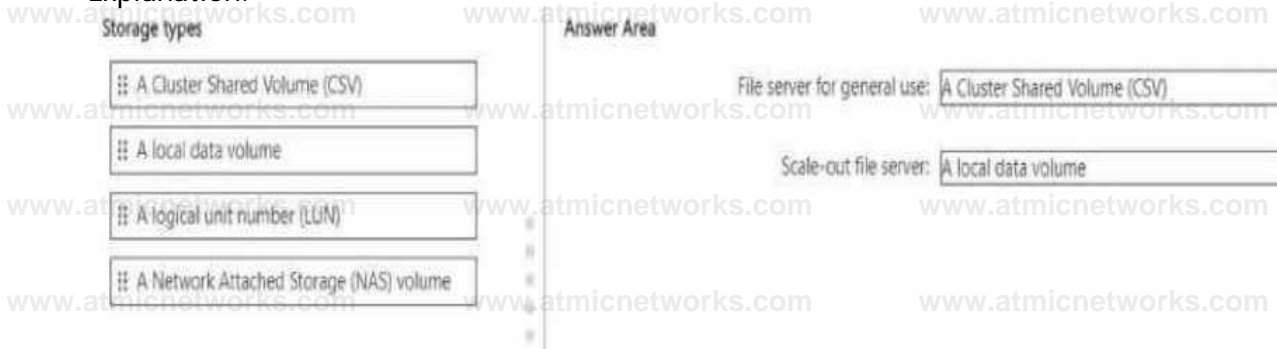
Answer Area

File server for general use:

Scale-out file server:

Answer:

Explanation:



Question: 156

You have an Azure subscription. The subscription contains a virtual machine named VM1 that runs Windows Server and uses Azure Disk Encryption.

You need to identify which Azure key vault stores the encryption keys for VM1. The solution must minimize administrative effort.

Which PowerShell cmdlet should you run?

- A. Get-AzKeyVaultKey
- B. Get-AiKeyVault
- C. Get-AzVMDiskEncryptionStatus
- D. Get-AzDiskEncryptionSet

Answer: C

Explanation:

Question: 157

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 configurations:

- Operating system disk: 600 GB
- Data disk: 3 TB
- NIC Teaming: Enabled
- Mobility service: Installed
- Windows Defender Firewall: Enabled
- Microsoft Defender Antivirus: Enabled

You need to ensure that you can use Azure Migrate to migrate Server1.

Solution: You disable Windows Defender Firewall on Server 1. Does this meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

Question: 158

Your network contains an Active Directory Domain Services (AD DS) forest. The forest contains a user named User1 that has following attributes:

- whenCreated: 8/16/2023 8:04:55 AM
- distinguishedName: CN=User1,DC=contoso,DC=com
- objectGUID: ef91eeG0-d371-4ee4-9c35-7da64c432a67
- objectSID: S-I-5-21-2106002304-3506747707-1284373444-1610

You need to use the Active Directory Migration Tool (ADMT) to migrate User1 to an AD DS forest named fabrikam.com. Which attributes will change after you migrate User1 to fabrikam.com?

- A. distinguishedName only
- B. distinguishedName and objectSID only
- C. distinguishedName, objectSID, and whenCreated only
- D. distinguishedName, objectGUID, and objectSID only
- E. distinguishedName, objectGUID, objectSID, and whenCreated

Answer: C

Question: 159

HOTSPOT

You have an Azure subscription. The subscription contains two virtual machines named VM1 and VM2 that run Windows Server. You need to use Azure Network Watcher to meet the following requirements;

- Identify security rules that prevent network traffic from reaching VM1.
- Identify the source region of packets sent to VM2.

What should you use for each requirement? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Identify security rules that prevent network traffic from reaching VM1: IP flow verify

Connection troubleshoot

IP flow verify

Next hop Packet capture Traffic Analytics

Traffic Analytics

Connection troubleshoot

IP flow verify

Identify the source region of packets sent to VM2: Next hop

Packet capture

Traffic Analytics

Answer:

Explanation:

Answer Area

Identify security rules that prevent network traffic from reaching VM1 IP flow verify

Identify the source region of packets sent to VM2 Traffic Analytics

Question: 160

You have 500 on-premises servers that run Windows Server.

You have an Azure subscription that contains a Log Analytics workspace named Workspace1.

You plan to use VM insights in Azure Monitor to monitor the on-premises servers.

You need to onboard the servers to Azure Arc by using the template script. The solution must meet the following requirements:

- Follow the principle of least privilege.
- Minimize administrative effort.

What should you do first?

- A. Create a group managed service account (gMSA).
- B. Download the Log Analytics workspace ID.
- C. Generate a Log Analytics key.
- D. Create a Microsoft Entra service principal.

Answer: D

Explanation:

Question: 161

HOTSPOT

You have 50 on-premises servers that run Windows Server.

You have an Azure subscription that contains a Recovery Services vault named Vault1.

You plan to back up the on-premises servers to Vault1 by using Microsoft Azure Backup Server (MABS).

You need to configure prerequisites to support MABS. The solution must minimize costs.

What should you do for Vault1, and what should you deploy on-premises? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

For Vault 1:

- Configure Azure Site Recovery.
- Create a private endpoint
- Modify the Default backup policy.
- Select the storage replication type.

Deploy on-premises:

- Azure Network Adapter
- MASS
- The Azure Connected Machine agent
- The Microsoft Azure Recovery Services (MARS) agent

Answer:

Explanation:

Answer Area

For Vault1: Select the storage replication type. *

Deploy on-premises: MASS ^

Question: 162

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

You need to configure a ticket-granting ticket (TGT) lifetime for specific user and computer accounts. The solution must meet the following requirements:

- Minimize the impact on the other user and computer accounts in the domain.
- Minimize administrative effort.

What should you configure?

- A. an authentication policy and an authentication policy silo
- B. a password policy
- C. a fine-grained password policy
- D. a dynamic access control policy

Answer: A

Explanation:

Question: 163

Your on-premises network contains an Active Directory Domain Services (AD DS) domain. The domain contains five servers that run Windows Server. The network also contains two workgroup servers that run Windows Server.

You need to implement a connection security rule between the member servers and the workgroup servers.

Which authentication method should you use?

- A. Computer (NTLMv2)
- B. User (Kerberos V5)
- C. Computer (Kerberos V5)
- D. Computer certificate

Answer: D

Explanation:

Question: 164

You have an Azure subscription. The subscription contains a virtual machine named VM1 that runs Windows Server. You enable Microsoft Defender for Servers Plan 2. You need to implement File Integrity Monitoring (FIM). What should you create first?

- A. a data collection rule (DCR)
- B. a private endpoint
- C. a Log Analytics workspace

D. a storage account

Answer: C

Explanation:

Question: 165 HOTSPOT

You have a server that runs Windows Server.

You need to enable the following security features:

- Core isolation
- Force randomization for images (Mandatory ASLR)

Which Windows Security tile should you use to enable each feature? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area



Answer:

Explanation:

Answer Area

Core isolation; Wvkj®!® _____ T

Force randomization for images (Mandatory ASLR); App & browser control _____ *

Question: 166

You have a server named Server1 that runs Windows Server. You install System Insights on Server 1.

You need to modify the schedule for storage consumption forecasting. What should you use?

A. Server Manager

- B. Windows Admin Center
- C. Performance Monitor
- D. Resource Monitor

Answer: B

Explanation:

Question: 167

Your network contains an Active Directory Domain Services (AD DS) domain. You need to deploy a Storage Spaces Direct cluster that has nested resiliency. What is the maximum number of nodes you can deploy to the cluster?

- A. 2
- B. 4
- C. 12
- D. 16
- E. 32

Answer: A

Explanation:

Question: 168

Your network contains an Active Directory Domain Services (AD DS) domain. The domain contains domain controllers that run Windows Server 2019 and are configured as shown in the following table.

Name	FSMO role
DC1	DC emulator
DC2	RID master
DC?	Domain naming master
DC4	Schema master
DC5	Infrastructure master

You plan to run the `adprep /domainprep` command.

Which domain controller should be available for the command to complete?

- A. DC1
- B. DC2
- C. DC3
- D. DC4
- E. DC5

Answer: A

Explanation:

Question: 170

Your network contains an Active Directory Domain Services (AD DS) domain that has a Windows Server 2012 R2 forest and domain functional level. The domain contains the domain controllers shown in the following table.

Name	Operating system
DC1	Windows Server 2012 R2
DC2	Windows Server 2016
DC3	Windows Server 2016

You need to ensure that you can deploy a new domain controller that runs Windows Server 2025.

The solution must minimize administrative effort.

Which two actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Upgrade DC1, DC2, and CO to Windows Server 2025.
- B. Raise the forest and domain functional level to Windows Server 2025.
- C. Raise the forest and domain functional level to Windows Server 2016.
- D. Remove DC2 and DC3.
- E. Remove DC 1.

Answer: C, E

Explanation:

Question: 171
HOTSPOT

Your network contains an Active Directory Domain Services (AD DS) domain. The domain contains a group named Group1 and the member servers shown in the following table.

Name	Operating system	Printer Port (LPT1)
Server1	Windows Server 2019	Enabled
Server2	Windows Server 2025	Enabled

Server1 contains the printers shown in the following table:

Name	Connected to	Permission to print
Printer1	LPT1: Printer Port	Group1
Printer2	Local Port: Port1	Group1
Printer3	192.158.10.15: Standard TCP/IP Port	Group1
Printer4	File: Print to File	Group1

You use Print Management to migrate the printers from Server1 to Server2.

Which migrated printers can print to file, and to which migrated printers can the members of Group1 print? To answer, select the appropriate options in the answer area.

Answer Area

Print to file: _____

- Printer1 only
- Printer4 only
- Printer2 and Printer3 only
- Printer1, Printer2, and Printer4 only
- Printer1, Printer2, Printer3, and Printer4

Group1 members can print to: _____

- No printers
- Printer1 only
- Printer4 only
- Printer2 and Printer3 only
- Printer1, Printer2, and Printer3 only
- Printer1, Printer2, Printer3, Printer4

Answer:

Explanation:

Answer Area

Print to file:

Group1 members can print to:

Question: 172

You have an on-premises server named Server1 that runs Windows Server. Server1 contains multiple file shares and has an IP address of 192.168.10.12.

You have an Azure subscription.

You need to migrate the Server1 file shares to an Azure virtual machine by using Storage Migration Service. The solution must ensure that on-premises users can access the migrated file shares by using the 192.168.10.12 IP address.

What should you include in the solution?

- A. Azure Private DNS zones
- B. Azure Private Link
- C. Azure Extended Network
- D. Azure virtual network peering

Answer: C

Explanation:

Question: 173

You have an on-premises IIS web server that hosts several .NET applications.

You plan to migrate the applications to Azure App Service. The applications will NOT be containerized. What should you use to perform the migration?

- A. Data Migration Assistant (DMA)
- B. Windows Admin Center
- C. App Service Migration Assistant
- D. Web Deploy
- E. IIS Manager

Answer: C

Explanation:

Question: 174

You have the on-premises servers shown in the following table.

Name	Operating system	OS disk size (GB)	Bitlocker Drive Encryption (BitLocker)
Server1	Windows Server 2022	1,000	Yes
Server2	Windows Server 2019	2,000	No
Server3	Windows Server 2016	4,000	No

You have an Azure subscription.

You plan to migrate the servers to Azure generation 2 virtual machines. Which servers can be migrated to Azure by using Azure Migrate?

- A. Server1 only
- B. Server2 only
- C. Server1 and Server2 only
- D. Server2 and Server3 only
- E. Server1, Server2, and Server3

Answer:

Question: 175

DRAG DROP

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

Name	Operating system	Installed
Served	Windows Server 2019	DHCP Server role Windows Server Migration Tools
Server?	Windows Server 2025	Windows Server Migration Tools

Server1 and Server2 are authorized as DHCP servers in the domain. You need to migrate the DHCP Server role from Server1 to Server2. Which five 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

- From Server1, run the stop-service cmdlet.
- Copy the Dhcp.mdb file to Server1.
- From Server1, run the Export-SmigServerSetting cmdlet.
- Copy the Svrmig.mig file to Server2.
- From Server2, run the Add-WindowsFeature cmdlet.
- From Server2, run the Import-SmigServerSetting cmdlet.
- From Server2, run the start-service cmdlet.

Answer Area

Answer:

Explanation:

Actions

- From Server1, run the stop-service cmdlet.
- Copy the Dhcp.mdb file to Server2.

Answer Area

- 1 From Server1, run the Export-SmigServerSetting cmdlet.
- 2 Copy the Svrmig.mig file to Server2.
- 3 From Server2, run the Add-WindowsFeature cmdlet.
- 4 From Server2, run the Import-SmigServerSetting cmdlet.
- 5 From Server2, run the start-service cmdlet.

Question: 176

You have an on-premises file server named Server1 that runs Windows Server.

You have an Azure subscription.

Server1 contains a file share named Share1.

You need to migrate Share1 to an Azure virtual machine.

What should you use?

- A. Storage Replica
- B. Windows Admin Center
- C. Server Manager
- D. Azure Migrate

Answer: B

Explanation:

Question: 177

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

Server1 runs Windows Server 2019 and hosts multiple printers. Server2 runs Windows Server 2025. Both servers have the Print and Document Services server role installed.

You need to migrate the printers hosted on Server1 to Server2. The solution must minimize administrative effort.

What tools can you use?

- A. Print Management only
- B. Windows Admin Center only
- C. Server Manager and Print Management only
- D. Print Management and Windows Admin Center only
- E. Server Manager, Print Management, and Windows Admin Center

Answer: D

Explanation:

Question: 178

HOTSPOT

You have four servers that run Windows Server. Each server has the direct-attached storage (DAS) devices shown in the following table.

Type of storage	Number of drives on each device
SSD	4
NVMe	4
HDD	0

You need to deploy Storage Spaces Direct.

Which types of devices will be used for the cache, and what will be the default cache behavior? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Device types for the cache: _____ ^

Cache behavior: _____ ▼

- SSD only
- NVMe Only
- SSD and NVMe only
- SSD, NVMe, and HDD
- Write-only only
- Read/write only
- Read/Write and write-only

Answer: n

Explanation:

Answer Area

Device types for the cache: NVMe only

Cache behavior: Read/write and write-only *

Question: 179

You have a failover cluster named Cluster1 that contains two Windows Server nodes named Server1 and Server2. Cluster1 hosts highly available Hyper-V virtual machines.

You have a member server named Server3 that runs Windows Server.

You need to implement Cluster-Aware Updating (CUA) on Cluster1 and configure Server3 to manage CUA. The solution must minimize administrative effort.

What should you install on Server3?

- A. the Windows Server Update Services server role
- B. the Failover Cluster Automation Server feature
- C. Windows Admin Center
- D. the Host Guardian Service server role

Answer: C

Explanation:

Question: 180

DRAG DROP

Your network contains an Active Directory Domain Services (AD DS) domain. The domain contains servers that run Windows Server 2022.

You have a Storage Spaces Direct cluster named SSCluster1 that contains two physical nodes named Node1 and Node2. Node1 and Node2 host highly available virtual machines.

You plan to perform an in-place upgrade to Windows Server 2025 on Node1.

You need to ensure that the virtual machines remain running during the upgrade.

Which four actions should you perform in sequence on Node1? 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 <code>Suspend-ClusterResource</code>	
Run <code>Resume-ClusterResource</code>	
Run <code>suspend-cluster-node -Crain</code> and place the node in storage maintenance mode.	
Upgrade to Windows Server 2025.	
Remove from storage maintenance mode.	
Run <code>Return-ClusterNode</code>	

Answer:

Explanation:

Actions

- Run Suspend-ClusterResource.
- Run Resume-ClusterResource.

Answer Area

- 1 Run Suspend-ClusterNode -Drain and place the node in storage maintenance mode.
- 2 Upgrade to Windows Server 2025.
- 3 Remove from storage maintenance mode.
- 4 Run Resume-ClusterNode.

Question: 181

HOTSPOT

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

Name	Description
Node1	Node in a failover cluster named Cluster1
Node2	Node in a failover cluster named Cluster1
Server1	Member server

The Failover Clustering tools are NOT installed on the servers.

You plan to enable Cluster-Aware Updating (CAU).

On which servers should you install the Failover Clustering tools to implement CAU in self-updating mode, and on which servers should you install the Failover Clustering tools to implement remote updating mode? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Self-updating mode:

- Node1 only
- Server1 only
- Node1 and Node2 only
- Node1 and Server1 only
- Node1, Node2, and Server1

Remote-updating mode:

- Node1 only
- Server1 only
- Node1 and Node2 only
- Node1 and Server1 only
- Node1, Node2, and Server1

Answer

Explanation:

Answer Area

Self-updating mode: Model and Node2 only

Remote-updating mode: Server1 only

Question: 182 HOTSPOT

Your network contains an Active Directory Domain Services (AD DS) domain. The domain contains two users named User1 and User2.

You use the following tools to manage Active Directory:

- Active Directory Users and Computers
- Active Directory Administrative Center
- Ntdsutil
- Ldp

You perform the actions shown in the following table.

Time	Action
10:05	Delete User1.
10:10	Enable Active Directory Recycle Bin
10:15	Delete User2.

What can you use to undelete each user? To answer, select the appropriate options in the answer area.

Answer Area

User1:
 Ldp
 Ldp and Ntdsutil only
 Active Directory Users and Computers and Ldp only
 Active Directory Users and Computers, Active Directory Administrative Center, and Ntdsutil only

User2:
 Active Directory Users and Computers and Active Directory Administrative Center only
 Active Directory Administrative Center and Ldp only
 Active Directory Administrative Center and Ntdsutil only
 Active Directory Users and Computers, Active Directory Administrative Center, Ldp, and Ntdsutil

Answer:

Explanation:

Answer Area

Used: Cannot be undeleted

User2: Active Directory Users and Computers. Active Directory Administrative Center. Ldp. and Ntdsutil

Question: 183

You have an Azure subscription that uses Azure Monitor.

You need to create an alert rule that will generate an alert when an Azure virtual machine is turned off.

Which type of signal should you use?

- A. Service health
- B. Activity log
- C. Activity Log
- D. Log

Answer: B

Explanation:

Question: 184

DRAG DROP

You have a single-domain Active Directory Domain Services (AD DS) forest named contoso.com that contains two domain controllers named DC1 and DC2. DC1 and DC2 run Windows Server.

You plan to perform an authoritative restore of SYSVOL on DC1.

You isolate DC1 and restore DC1 from a backup.

You need to ensure that SYSVOL on DC1 replicates to DC2.

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

From Active Directory Users and Computers on DC2, select **Advanced Features**

For the computer object of DC2, select **SYSVOL Subscription** and modify the value of the «DFSR-options attribute

From Active Directory Users and Computers on DC1, select **Advanced Features**

For the computer object of DC 1, select **SYSVOL Subscription** and modify the value of the **DFSR-Options** attribute

H Connect DC1 to the network

Answer:

Explanation:

Actions

From Active Directory Users and Computers on DC2, select **Advanced Features**.

For the computer object of DC2, select **SYSVOL Subscription** and modify the value of the **msDFSR-Options** attribute.

Answer Area

1 From Active Directory Users and Computers on DC1, select **Advanced Features**.

2 For the computer object of DC1, select **SYSVOL Subscription** and modify the value of the **msDFSR-Options** attribute.

3 Connect DC1 to the network.

Question: 185

Your on-premises datacenter contains a server named Server1 that runs Windows Server. You install the System Insights feature on Server1.

You discover that some of the System Insights capabilities are NOT installed.

Which two capabilities should be installed manually on Server1? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. Networking capacity forecasting
- B. CPU capacity forecasting
- C. Total storage consumption forecasting
- D. Physical disk anomaly detection (IOPS)
- E. Physical disk anomaly detection (Latency)

Answer: A, B

Explanation:

Question: 186

You have an Azure virtual machine named VM1 that runs Windows Server. VM1 fails to start properly.

You need to review the serial log to identify the issue. What should you use from the VM1 blade in the Azure portal?

- A. Resource health
- B. Boot diagnostics
- C. Performance diagnostics
- D. Diagnose and solve problems
- E. Change tracking

Answer: B

Explanation:

Question: 187

HOTSPOT

You have an on-premises server named Server1 that runs Windows Server and contains the shares shown in the following table.

Name	Type
Share 1	SMB
Sharez	NFS

You have an Azure subscription named Sub1 that contains an Azure Storage Mover resource named Mover1 and the storage accounts shown in the following table.

Name	Kind	Performance	Hierarchical namespace
storage1	FileStorage	Premium	Not applicable
storage2	StorageV2	Standard	Enabled

The storage accounts contain the resources shown in the following table.

Name	Storage account	Type
azshare1	storage1	File share
azshare2	storage2	File share
azcont1	storage2	Blob container

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

NOTE: Each correct selection is worth one point.

Answer Area

Statements

Share 1 can be migrated to azshare 1 by using

Yes

No

Moved.

Q

Share? can be migrated to azshare? by using

Mover!

\$

0

Share? can be migrated to azccml by using Moved.

Answer:

Explanation:

Answer Area

Statements

Share1 can be migrated to azshare' by using Mover!

Yes

Nd

Share? can be migrated to azshare? by using Mover!

0

Share? can be migrated to azcontl by using Mover!

Question: 188

You have an on-premises virtual machine named VM1 that runs Windows Server. You have an Azure subscription

You plan to use an Azure Site Recovery replication policy to replicate VM1 to Azure. You need to ensure that changes on VM1 are replicated as often as possible. To what should you set the Copy frequency setting for the policy?

A. 15 Seconds

B. 30 Seconds

C. 1 Minute

D. 5 Minutes

Answer: D

Explanation:

Question: 189

DRAG DROP

You have an on-premises server named Server1 that runs Windows Server and has the Hyper-V server role installed. Server1 hosts a virtual machine named VM1 that runs Windows Server.

You need to protect VM1 by using Azure Site Recovery. The solution must use Azure as the disaster recovery site.

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.

Actions

Answer Area

From the Azure portal, create an Azure Backup vault.

From the Azure portal, create a Recovery Services vault.

From the Azure portal, create a HyperV site.

On Server1, download and install the Azure Site Recovery Provider.

From the Azure portal, configure the target environment.

Answer:

Explanation:

Actions

From the Azure portal, create an Azure Backup vault.

Answer Area

1 From the Azure portal, create a Recovery Services vault.

2 From the Azure portal, create a Hyper-V site.

3 On Server1, download and install the Azure Site Recovery Provider.

4 From the Azure portal, configure the target environment.



Question: 190
HOTSPOT

You have an on-premises server named Server 1 that runs Windows Server.

You have an Azure subscription.

You migrate Server1 to an Azure virtual machine named VM1.

You need to configure a backup solution for VM1. The solution must provide recovery points.

What should you do on VM1, and in which type of vault should you store the backups? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

OnVMI: _____
Install Windows Server Backup. Install the Azure Connected Machine agent. **Install the Windows Azure VM Agent**

Vault type:
Azure Key Vault
Azure Backup Recovery Services vault

Answer

Explanation:

Answer Area

On VM1 install the Windows Azure VM Agent.

Vault type: Recovery Services vault

Question: 191

You have two servers named Host1 and Host2 that run Windows Server and have the Hyper-V server role installed. Host2 is configured as a replica server.

Host1 contains a virtual machine named VM1.

You plan to use Hyper-V Replica to replicate VM1 to Host2.

You need to ensure that you can restore a replica of VM1 to a specific state from the past eight hours.

What should you do?

- A. From the Enable Replication wizard, configure recovery points.
- B. From the Properties of VM1, enable automatic checkpoints.
- C. From the Hyper-V Settings of Host2, configure NUMA spanning.
- D. From the Enable Replication wizard, modify the replication frequency.

Answer: A

Explanation:

Question: 192

You have an on-premises server named Server1 that runs Windows Server 2016 and has IIS enabled. Server1 contains an ASP.NET 3.5 app named App1. You have an Azure subscription.

You need to use the Azure Migrate App Contamination tool to migrate App1 to Azure App Service. The solution must minimize administrative effort. Which two actions should you perform on Server1 before you use the Azure Migrate App Containerization tool? Each correct answer presents part of the solution. NOTE: Each correct answer is worth one point.

- A. install .NET Framework 4.8.
- B. Enable PowerShell remoting.
- C. Install the Web Deploy tool.
- D. Enable remote administration for IIS.

Answer: B, C

Explanation:

Question: 193

HOTSPOT

Your network contains an Active Directory Domain Services (AD DS) domain named contoso.com. The domain contains domain controllers that run Windows Server 2016.

You build a new AD DS forest named nwtraders.com. The forest contains domain controllers that run Windows Server 2025.

You plan to perform a phased migration from contoso.com to nwtraders.com.

You perform the following actions:

- Migrate the users in contoso.com to nwtraders.com and enable sIDHistory.
- Establish a two-way forest trust between contoso.com and nwtraders.com.
- Install the Active Directory Migration Tool (ADMT) in nwtraders.com.

Answer Area

Statements	Yes	No
The permissions for the resources in contoso.com must be updated to allow migrated users access.	<input type="radio"/>	<input checked="" type="radio"/>
Migrated users can sign in to nwtraders.com by using their password for contoso.com.	<input type="radio"/>	<input type="radio"/>
Contoso.com must contain a server that runs Windows Server 2025 to migrate user profiles by using ADMT.	<input type="radio"/>	<input checked="" type="radio"/>

Answer:

Explanation:

Answer Area

Statements	Yes	No
The permissions for the resources in contoso.com must be updated to allow migrated users access.	<input type="radio"/>	<input checked="" type="radio"/>
Migrated users can sign in to nwtraders.com by using their password for contoso.com.	<input type="radio"/>	<input type="radio"/>
Contoso.com must contain a server that runs Windows Server 2025 to migrate user profiles by using ADMT.	<input type="radio"/>	<input checked="" type="radio"/>

Question: 194

You have a server named Server1 that runs Windows Server 2022 and is part of a three-node failover cluster. You need to upgrade Server1 to Windows Server 2025. The solution must minimize downtime for the cluster. What should you do first?

- A. Evict Server1 from the cluster.
- B. Update the functional level of the cluster.
- C. Pause Server1 and drain the workloads.
- D. Take the cluster offline.

Answer: C

Explanation:

Question: 195

You have an on-premises, two-node, hyperconverged Windows Server Failover Cluster (WSFC) named Cluster1. You have an Azure subscription. You need to configure a cloud witness for Cluster1. Which type of Azure Storage should you use?

- A. queue
- B. table
- C. blob
- D. file

Answer: D

Explanation:

Question: 196

You have an on-premises server named Server1 that runs Windows Server and contains a shared folder named Share!.

You deploy a new virtual machine named Server2.

You need to migrate Share! to Server2. The solution must meet the following requirements:

- Ensure that users can access a UNC path of \\server1\share! after Server1 is decommissioned.
- Minimize administrative effort.

What should you use to perform the migration?

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

Answer: D

Explanation:

Question: 197

Your on-premises network contains an Active Directory Domain Services (AD DS) forest named contoso.com. The forest contains the domains shown in the following table.

Name	Contains organizational unit (OU)
contoso.com	OU1,OU2
eastcontoso.com	OUS

You create a user named User1 that has the following attributes:

- distinguishedName: CN=User1,OU=OU1,DC=contoso,DC=com
- objectGUID: ff06ad4b-2e43-4a7d-b34c-8ea53f909422
- objectSID: S-I-5-21-913749354-169946239-1665692169-4612
- whenCreated: 7/38/2024 10:16:50 Afi

You plan to move User1 to OU3 by using the Active Directory Migration Tool (ADMT). Which attributes will change if

User1 moves to OU3?

- A. distinguishedName only
- B. objectSID only
- C. objectGUID, and objectSID Only
- D. distinguishedName, objectSID, and whenCreated Only

Answer: C

Explanation:

Question: 198

DRAG DROP

You have a server named Server1 that runs Windows Server and is hosted in a VMWare environment. Server1 contains an ASP.NET application named App1. Users access App1 by using the following URL: <https://app1.contoso.com>.

You need to use the integrated flow in Azure Migrate to migrate App1 to Azure App Service. After the migration, users must be able to access App1 by using the same URL.

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
Manually create an App Service plan.	
Create and run an assessment task in Azure Migrate.	
Create an Azure Private DNS zone.	
Run the Azure Migrate App Containerization tool on Server1.	
Create and run a migration task in Azure Migrate.	
Configure a custom domain name for the App Service app.	

Answer:

Explanation:

Actions	Answer Area
Manually create an App Service plan.	1 Run the Azure Migrate App Containerization tool on Server1.
Create and run an assessment task in Azure Migrate.	2 Create and run a migration task in Azure Migrate.
Create an Azure Private DNS zone.	3 Configure a custom domain name for the App Service app.

Question: 199

You have a server named Served that runs Windows Server. You install a custom app named App1 that is accessed by using TCP port 52310. Users report that they cannot access App1. You confirm that App1 is running on Server1.

You need to ensure that the users can access App1. The solution must only provide access to App1 on Server1. What should you do in Windows Defender Firewall with Advanced Security?

- A. Create an inbound rule.
- B. For the current profile, allow all inbound connections.
- C. Create an outbound rule.
- D. Create an isolation connection security rule.

Answer: A

Explanation:

Question: 202

Your on-premises network contains an Active Directory Domain Services (AD DS) domain. The domain contains a server named Server1 that runs Windows Server and is in an organizational unit (OU) named OU1.

You have a Group Policy Object (GPO) that is linked to OUT and has the Windows Defender SmartScreen settings shown in the following table.

Setting	Value
Configure Windows Defender SmartScreen	Warn and prevent bypass
Configure App install Control	Allow apps from Store only

You have the apps shown in the following table.

Name	Installation source
App1	Microsoft store
App2	Network share
App3	USB key

Which apps can you install on Served?

- A. App1 only
- B. App1 and App2 only
- C. App1 and App3 only
- D. App1, App2, and App3

Answer: A

Explanation:

Question: 203

You have an Azure subscription. The subscription contains multiple virtual machines that run Windows Server. You have the Azure virtual machine backup policies shown in the following table.

Name	Policy sub type	Backup frequency	Retention of		
			Daily	Weekly	Monthly
Policy1	Standard	Weekly	Not applicable	56 weeks	Not
Policy2	Standard	Daily	90 days	12 weeks	6 months
Policy3	Enhanced	Daily	180 days	Not	Not
Policy4	Enhanced	Hourly	30 days	30 weeks	30 months

You are evaluating automatically moving recovery points to the vault-archive tier. For which policies can you enable tiering?

- A. Policy2 and Policy4 only
- B. Policy4only
- C. Policy1, Policy2, Policy3, and Policy4
- D. Policy3 and Policy4 only

Answer: D

Explanation:

Question: 204

www.atmicnetworks.com

www.atmicnetworks.com

www.atmicnetworks.com

You have an Azure subscription. The subscription contains a Microsoft Sentinel workspace named **Workspace1** and 100 virtual machines that run Windows Server.

You configure **Workspace1** to collect logs from the virtual machines.

You need to query the collected logs for failed logon events.

Which table should you query?

- A. SigninLogs
- B. SecurityIncident
- C. SecurityEvent
- D. Auditlogs

Answer: C

Explanation:

Question: 205

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www.atmicnetworks.com

Your network contains an Active Directory Domain Services (AD DS) domain named **contoso.com**. **Contoso.com** contains a member server named **Server1.contoso.com**.

You cannot resolve the FQDN of **server1.contoso.com**.

You verify that Windows Defender Firewall is configured correctly and that you can ping **server1.contoso.com** successfully by using the server's IP address.

You need to validate that the DNS record for **server1.contoso.com** exists.

Which command should you run?

- A. tracert

- B. ipconfig
- C. pathping
- D. nslookup

Answer: D

Explanation:

Question: 206

DRAG DROP

You have two on-premises servers named Server1 and Server2 that run Windows Server. Server1 hosts a virtual machine named VM1.

You have an Azure subscription.

You plan to back up VM1 by using Microsoft Azure Backup Server (MABS).

You need to deploy an on-premises MABS server. The solution must ensure that you can restore

VM1, including its configuration data.

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.

Actions

Answer Area

From the Azure portal create a Backup vault

Install the Microsoft System Center Data Protection Manager (DPM) protection agent on Server1.

From the Azure portal, create a Recovery Services vault.

From the Azure portal, download the vault credentials file to Server 2.

Install the software package on Server1

Install the Microsoft System Center Data Protection Manager (DPM) protection agent on VM1.

Answer:

Explanation:

Actions

Answer Area

- From the Azure portal, create a Backup vault.
- Install the Microsoft System Center Data Protection Manager (DPM) protection agent on Server1.

- 1 From the Azure portal, create a Recovery Services vault.
- 2 From the Azure portal, download the vault credentials file to Server2.
- 3 Install the software package on Server2.
- 4 Install the Microsoft System Center Data Protection Manager (DPM) protection agent on VM1.

Question: 207

You have an Azure subscription. The subscription contains 100 virtual machines that run Windows Server 2025.

You plan to implement data collection rules (OCRs) in Azure Monitor to collect Application logs and System logs from the virtual machines.

You need to filter the events collected based on custom criteria.

Which query language should you use?

- A. KQL
- B. XPath
- C. WQL
- D. LINQ

Answer: B

Explanation:

Question: 208

You have an Azure subscription that contains the virtual machines shown in the following table.

Name	Security type	Operating system
VM1	Standard	Windows Server 2025 Datacenter: Azure Edition
VM2	Standard	Windows Server 2025 Datacenter
	Trusted launch	Windows Server 2025 Datacenter
VM4	Confidential	Windows Server 2025 Datacenter: Azure Edition

You plan to use Azure Site Recovery to replicate supported virtual machines to a secondary Azure region. Which virtual machines can be replicated by using Azure Site Recovery?

- A. VM1 only
- B. VM1 and VM2 only
- C. VM1 and VM4 only
- D. VM1, VM2, and VM4 only
- E. VM1, VM2, VM3, and VM4

Answer: E

Explanation:

Question: 210

HOTSPOT

You have an Azure subscription that contains two virtual machines named VM1 and VM2. VM1 runs Windows Server. VM2 runs Ubuntu Linux. You need to monitor VM1 and VM2 by using VM insights. The solution must meet the following requirements:

- Ensure that you can monitor the memory usage on VM1.

Which agents are required on each virtual machine? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

VM1:

- The Azure Connected Machine agent only
- The Azure Monitor Agent only
- The Azure Monitor Agent and Dependency agent only
- The Azure Monitor Agent, Dependency agent, and Azure Connected Machine agent

VM2:

- The Azure Linux VM Agent only
- The Azure Monitor Agent only
- The Azure Monitor Agent and Dependency agent only
- The Azure Monitor Agent, Dependency agent, and Azure Linux VM Agent

Answer:

Explanation:

Answer Area

VM 1: The Azure Monitor Agent only

VM2: The Azure Monitor Agent only

Question: 211

HOTSPOT

You have a Hyper-V failover cluster named Ousted. Cluster1 contains a virtual machine named VM1 that runs Windows Server. VM1 contains a Windows service named Service1.

You need to ensure that Cluster1 performs a recovery action if Service1 fails.

What should you do? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Configure monitoring for VM1 by using

Failover Cluster Manager

Hyper-V Manager
Performance Monitor
Windows Admin Center

For Service 1, set the Recovery settings to:

Restart the Computer
Restart the service
Run a Program
Take No Action

Answer

Explanation:

Answer Area

Configure monitoring for VM1 by using: Failover Cluster Manager

For Service 1, set the Recovery settings to: Restart the Service

Question: 212 DRAG DROP

You have a Windows Server 2022 Storage Spaces Direct cluster named Cluster1. Cluster1 has four nodes that contain virtual machines.

You need to perform an in-place upgrade of Cluster1 to Windows Server 2025. The solution must ensure that the virtual machines are always available during the upgrade. 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

- Resume the cluster node.
- Pause and drain the cluster node.
- Place the node in storage maintenance mode.
- Upgrade the node to Windows Server 2025.
- Remove the node from storage maintenance mode.

Answer:

Explanation:

Actions

⋮ Resume the cluster node.

Answer Area

1 ⋮ Pause and drain the cluster node.

2 ⋮ Place the node in storage maintenance mode.

3 ⋮ Upgrade the node to Windows Server 2025.

4 ⋮ Remove the node from storage maintenance mode.

Question: 213
HOTSPOT

You have an on-premises server named Server1 that runs Windows Server.

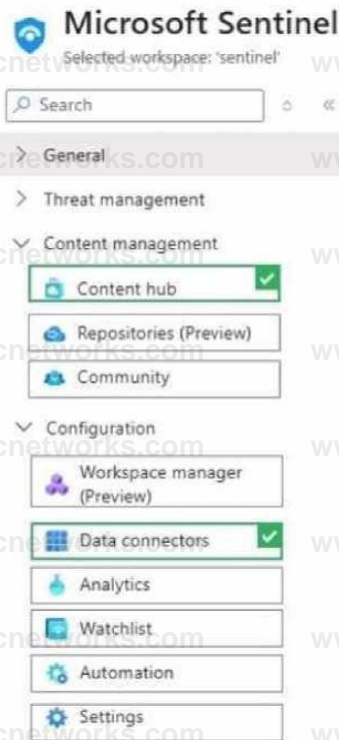
You have a Microsoft Sentinel workspace named sentinel.

You need to collect Windows Defender Firewall events from Server1 to sentinel.

Which two pages should you use in the Azure portal? To answer, select the appropriate pages in the answer area.

NOTE: Each correct selection is worth one point.

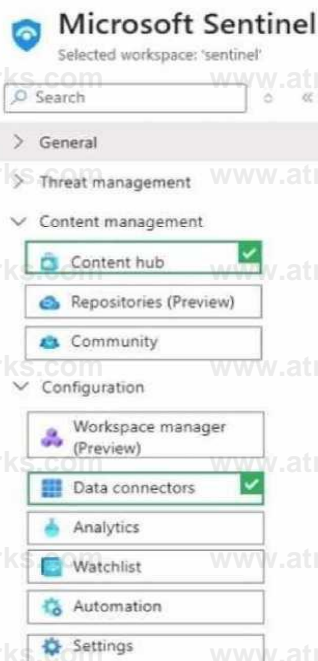
Answer Area



Answer:

Explanation:

Answer Area



Question: 215

You have an on premises Hyper-V host named Server 1. Server1 contains a virtual machine named VM1. You have a non-domain joined Hyper-V server named Server2 that is hosted in a remote location. You plan to replicate VM1 to Server2 by using Hyper-V Replica. You need to configure replication on Server1. Which authentication method can you use?

- A. NTLM
- B. Kerberos
- C. preshared secret
- D. certificate

Answer: D

Explanation:

Question: 216

You have two onpremises Hyper-V hosts named Server1 and Server2, Server1 contains two virtual machines named VM1 and VM2. Server2 contains three virtual machines named VM21, VM22, and VM23.

You have an Azure subscription.

You plan to use Azure Site Recovery to replicate all the virtual machines to Azure.

You need to deploy the Microsoft Azure Site Recovery Provider to the on-premises infrastructure. What is the minimum number of providers you should install?

- A. 1
- B. 2
- C. 5
- D. 7

Answer: B

Explanation:

Question: 217

Your network contain an Active Directory Domain Services (AD DS) domain named contoso.com. The domain was built by using domain controllers that run Windows Server 2025. You plan to deploy a custom app. The app will require a domain controller that runs a legacy version of Windows Server. What is the oldest version of Windows Server that you can use for the domain controller in Contoso.com?

- A. Windows Server 2012 R2
- B. Windows Server 2016
- C. Windows Server 2019
- D. Windows Server 2022

Answer: B

Explanation:

Question: 218

You have an Azure subscription.

Your on-premises network connects to Azure by using an Azure VPN gateway named VPN1.

You need to monitor the Azure gateway health probe for VPN1.

Which TCP port should you use?

- A. 443
- B. 1723
- C. 3389
- D. 8081
- E. 65500

Answer: D

Question: 219

You have a Hyper-V host named Server1 that runs Windows Server 2019. Server1 hosts a virtual machine named VM1 that has the following configurations:

- Static IP address: 192.168.10.15

- Configuration version: 8.0
- Virtual network: VNet1
- Generation: 1

You deploy a Hyper-V host named Server2 that runs Windows Server 2025. You plan to export VM1 from Served and import VM1 to Server2 by using Hyper-V Manager. Which VM1 configurations will be preserved when VM1 is imported to Server2?

- A. the virtual network and IP address only
- B. the virtual network and generation only
- C. the IP address and configuration version only
- D. the IP address, configuration version, and generation only
- E. the virtual network, IP address, configuration version, and generation

Answer: D

Explanation:

Question: 221 HOTSPOT

Your network contains an on-premises Active Directory Domain Services (AD DS) domain. The domain contains the servers shown in the following table.

Name	On network
Served	192.168.10.24
Server1	192.168.1.0/24
Server 3	192.168.5.0/24

For each server, Windows Defender Firewall is configured to allow only communication between servers on the same segment. Server1 has the following connection security rule:

- Name: Rule1
- Rule type: Isolation
 - Requirement: Require authentication for inbound connections and request authentication for outbound connections
- Authentication method: Computer (Kerberos V5)

- Profile: Domain. Private. Public

Server2 does not have any connection security rules.

Server3 has the following connection security rule:

- Name: Rute3
- Rule type: Server-to-server
- Endpoints:
 - o Computers in Endpoint 1:192.168.50/24
 - o Computers in Endpoint 2: 192.168.1.0/24
- Requirement Request authentication (or inbound and outbound connections)
- Authentication method: Computer (Kerberos V5)
- Profile: Domain. Private. Public

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

NOTE: Each correct selection is worth one point.

Answer Area

Statements	Yes	No
Server1 can initiate communication with Server2 successfully.	<input type="checkbox"/>	<input type="checkbox"/>
Server2 can initiate communication with Server3 successfully.	<input type="checkbox"/>	<input type="checkbox"/>
Server3 can initiate communication with Server1 successfully.	<input type="checkbox"/>	<input type="checkbox"/>

Answer:

Explanation:

Answer Area

Statements	Yes	No
Server1 can initiate communication with Server2 successfully.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Server2 can initiate communication with Server3 successfully.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Server3 can initiate communication with Server1 successfully.	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Question: 223

You have a server that runs Windows Server and hosts an app named Appl.

You need to prevent App1 from accessing external SMTP servers. The solution must meet the following requirements:

- Minimize the impact on AppVs access to external HTTP servers.
- Minimize the impact on other apps on (he server.
- Minimize administrative effort

What should you implement in Windows Defender Firewall?

- A. an outbound program rule
- B. an inbound custom rule
- C. an outbound custom rule
- D. an inbound program rule
- E. an outbound port rule

Answer: A

Explanation:

Question: 224

HOTSPOT

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

The domain contains four servers named Server1, Server2, Server3, and Server4 that run Windows Server.

You configure the connection security rules shown in the following table.

Server	Rule authentication requirement	Authentication method
Served	Request authentication for Inbound and outbound	Default
Server?	Request authentication for inbound connections and require authentication for outbound	Default
Server3	Require authentication for inbound and outbound	Default

Server4 does NOT have any connection security rules applied.

With which servers can Server1 and Server2 establish communication after the connection security rules are applied? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

From Server1, communication can be established with:

From Server?, communication can be established with:

| Server2 only

Server3 only

Server? and Server? only

Server?. Server?, and Server4

No other server

Server3 only

Server? and Server? only

Server 1 Server?, and Server4

Answer:

Explanation:

Answer Area

From Server1, communication can be established with: Server? only

From Server?, communication can be established with: Server? only

Question: 225

You have an Azure subscription. The subscription contains a Log Analytics workspace named Workspace1 and 100 virtual machines that run Windows Server.

You enable Microsoft Defender for Servers Plan 2 and configure Defender for Servers to monitor for Windows file and registry changes on the virtual machines.

You need to query the detected file and registry changes. Which table should you query?

- A. ASimFileEventLogs
- B. MDCDetectionFimEvents
- C. ASimRegistryEventlogs
- D. DeviceRegistryEvents

Answer: B

Explanation:

Question: 226

HOTSPOT

Your network contains an Active Directory Domain Services (AD DS) domain. You plan to protect high-privilege domain credentials by specifying the following:

- The lifetime of the Kerberos Ticket Granting Ticket (TGT)
- The conditions required for devices to request a TGT

What should you use, and what should you create? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Active Directory Administrative Center

Active Directory Sites and Services

Active Directory Users and Computers

Component Services

Windows Admin Center

To create: I _____

A group managed service account (gMSA)

A password policy

A resource property

i An authentication policy

An authentication policy silo

Answer:

Explanation:

Answer Area

Use Active Directory Administrative Center

To create: An authentication policy

Question: 227

DRAG DROP

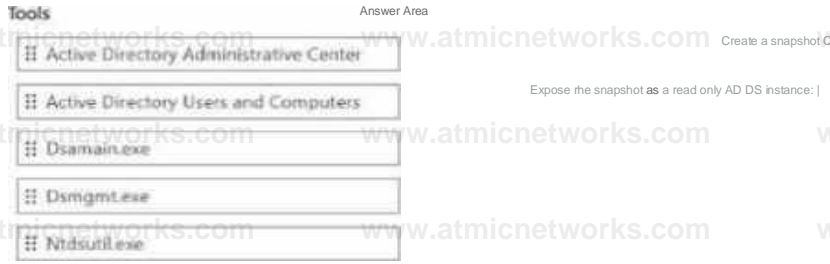
Your network contains an Active Directory Domain Services (AD DS) domain named contoso.com.

You need to perform the following tasks:

- Create a snapshot of contoso.com.
- Expose the snapshot as a read-only AD DS instance.

What should you use for each task? To answer, drag the appropriate tools to the correct tasks. Each tool 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.



Answer:

Explanation:



Question: 228

You have an Active Directory Domain Services (AD DS) forest that has the Active Directory Recycle Bin enabled. The forest contains a user named User1.

User1 is accidentally deleted.

You need to restore User1 from the Active Directory Recycle Bin.

What should you use?

- A. Active Directory Sites and Services
- B. Active Directory Domains and Trusts
- C. Active Directory Administrative Center
- D. Active Directory Users and Computers

Answer: C

Explanation:

Question: 229

You have an Azure subscription. The subscription contains a virtual machine named Server1 that runs Windows Server.

You create a new Log Analytics workspace named Workspace1. You need to collect performance metrics for Server1 by using Azure Monitor. What should you do next?

- A. Regenerate the secondary key.
- B. Install the Azure Connected Machine agent.
- C. Create a data collection rule (DCR).
- D. Deploy and configure Windows Event Forwarding.
- E. Server1 that runs Windows Server.

Answer: C

Explanation:

Question: 231

You have a Windows Server 2022 Remote Desktop Services deployment that includes the servers shown in the following table.

Name	RDS role
Server1	RD Session host
Server2	RD Virtualization
Server3	RD Connection
Server4	RD Web Access
Server5	RD Gateway server

You need to upgrade Remote Desktop Services deployment to Windows Server 2025.

Which server must you upgrade first?

- A. Server 1
- B. Server2
- C. Server3
- D. Server 4
- E. Servers

Answer: C

Explanation:

Question: 232

You have a server that runs Windows Server 2025 Standard and has the Hyper-V role installed. You need to upgrade the server to Windows Server 2025 Datacenter. The solution must minimize downtime. What should you run?

- A. `dism.exe`
- B. `setup.exe`
- C. `slagr.vbs`
- D. `conwert.exe`

Answer: C

Explanation:

Question: 233

Your on-premises network contains an Active Directory Domain Services (AD DS) domain. The domain contains a file server named Server 1 that hosts multiple shared folders.

You have an Azure subscription.

You need to migrate the files stored on Server 1 to Azure by using an Azure Data Box gateway.

To which storage services can you migrate the files?

- A. Azure Files only
- B. Azure files and Azure Storage page blobs only
- C. Azure Files and Azure Storage block blobs only
- D. Azure Files, Azure Storage page blobs, and Azure Storage block blobs

Answer: D

Explanation:

Question: 234

HOTSPOT

Your network contains two Active Directory Domain Services (AD DS) forests named `contoso.com` and `fabrikam.com`. `Contoso.com` includes the groups shown in the following table.

Name	Type
Group1	Security Group - Domain Local
Group2	Security Group Global
Group3	Security Group Universal

Group4 Distribution Group — Domain

You need to migrate the groups to fabrikam.com by using ADMT.

Which groups can be migrated and which groups can have the sIDHistory attribute populated after the migration?

Answer Area

Can be migrated: F

- Group3 only
- Group1 and Group4 only
- Group1 and Group3 only
- Group1, Group2 and Group3 only
- Group1, Group2, Group3 and Group*

Can have sIDHistory: _____ ' _____ ' _____ " _____ * |

- Group 3 only
- Group1 and Group* only
- Group2 and GroupS only |Group1, Group2 and Group3 only
- Group1, Group2, Group3 and Group*

Answer:

Explanation:

Answer Area

Can be migrated: Group1, Group2 and Groups only

Can have sIDHistory Group*, Group2 and GroupS only

Question: 235

You have a management group named MG1 that contains an Azure subscription named Sub1. Sub1 contains the resources shown in the following table.

Name	Description
RG1	Resource group
VM1	Virtual machine
VNet1	Virtual network
	log Analytics

You need to enable Microsoft Defender for Servers.

From the Azure portal, on which two resources can you enable Defender for Servers? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. VM1
- B. Workspace1
- C. RG1
- D. VNet1
- E. Sub1
- F. MG1

Answer: B, E

Explanation:

Question: 237

Your network contains an Active Directory Domain Services (AD DS) forest that has a Windows Server 2008 R2 forest functional level. The forest contains the domains shown in the following table.

Name	Operating system of all domain controllers	Domain functional level
contoso.com	Windows Server 2016	Windows Server 2012 R2
east.contoso.com	Windows Server 2019	Windows Server 2016

You need to perform an in-place upgrade of the domain controllers in east.contoso.com to Windows Server 2025. The solution must minimize administrative effort.

What should you do first?

- A. Raise the domain functional level of east.contoso.com to Windows Server 2025.
- B. Extend the schema.
- C. Raise the domain functional level of contoso.com to Windows Server 2016.
- D. Raise the forest functional level to Windows Server 2025.

Answer: C

Explanation:

Question: 238

Your network contains an Active Directory Domain Services (AD DS) domain. The domain contains two Windows Server Failover Cluster (WSFC) instances named Cluster1 and Cluster2. Cluster1 hosts Hyper-V virtual machines. Cluster2 does NOT have any high availability roles configured.

You need to create a Storage Spaces Direct cluster in Cluster2 that will store the virtual machine hard disk files for Cluster1.

Which role should you configure for Cluster2? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

- A. SCSI Target Server
- B. Virtual Machine
- C. File Server
- D. Hyper-V Replica Broker

Answer: C

Explanation:

Question: 239

DRAG DROP

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

Name	Description
Server1	Runs Windows Server 2019 and hosts an ASP.NET website.
Server2	Runs Windows Server 2025 and has the Web Server (IIS) role installed.

You need to migrate Site1 from Server1 to Server2. The solution must meet the following requirements:

- Minimize how long it takes to perform the migration.
- Minimize administrative effort.

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

- On Server2, run msigdeploy.exe.
- On Server1, run msdeploy and specify the -verb:sync parameter.
- On Server2, install the Windows Server Migration Tools.
- On Server1, install the Web Deployment Tool.
- On Server1, run net start msdepsvc.
- On Server2, run msdeploy and specify the -verb:sync parameter.

Answer Area

Answer:

Explanation:

Actions

- On Server2, run msigdeploy.exe.
- On Server1, run msdeploy and specify the -verb:sync parameter.
- On Server2, install the Windows Server Migration Tools.

Answer Area

- 1 On Server1, install the Web Deployment Tool.
- 2 On Server1, run net start msdepsvc.
- 3 On Server2, run msdeploy and specify the -verb:sync parameter.

Question: 240

You have an on-premises server named Server1 that runs Windows Server, has the Web Server (IIS) server role installed, and hosts an ASP.NET-based web app named App1.

You have an Azure subscription that contains an Azure App Service app and an Azure container registry named ACR1.

You plan to migrate App1 to an App Service container by using Azure Migrate. The container image for App1 will be stored in ACR1.

You need to ensure that the App Containerization tool can store the container for App1 in ACR1. The solution must follow the principle of least privilege.

Which credential should the App Containerization tool use?

- A. a Microsoft Entra user
- B. the admin user account of ACR1
- C. a Microsoft Entra service principal
- D. a managed identity

Answer: C

Explanation:

Question: 243

You have an on-premises Hyper- V deployment that hosts multiple virtual machines. You have an Azure subscription that contains an Azure Migrate project named Project1. You plan to migrate the virtual machines to Azure by using Project1.

You need to discover all the Hyper-V hosts and virtual machines running in your environment. The solution must minimize administrative effort. What should you do first?

- A. Generate a project key
- B. Create a private endpoint.
- C. Register an appliance
- D. Deploy an Azure Network Adapter.

Answer: A

Explanation:

Question: 244

DRAG DROP

Your on-premises network contains an Active Directory Domain Services (AD DS) domain. The domain contains a scale-out file server (SOFS) cluster named Cluster1. Cluster1 contains four nodes that run Windows Server 2022.

You need to upgrade the nodes to Windows Server 2025. The solution must minimize the downtime Of Cluster1.

Which three actions should you perform on each node 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
<input type="checkbox"/> Update the functional level of Cluster1.	
<input type="checkbox"/> Enable Cluster-Aware Updating (CAU).	
<input type="checkbox"/> Drain and evict the node.	
<input type="checkbox"/> Install Windows Server 2025 and Failover Clustering.	
<input type="checkbox"/> Add the node to Cluster1.	

Answer:

Explanation:

Actions

- Update the functional level of Cluster1.
- Enable Cluster-Aware Updating (CAU).

Answer Area

- 1 Drain and evict the node.
- 2 Install Windows Server 2025 and Failover Clustering.
- 3 Add the node to Cluster1.

Question: 245
HOTSPOT

Your network contains an Active Directory Domain Services (AD DS) domain. The domain contains an organizational unit (OU) named OU1 and a user named User1.

You plan to deploy a Hyper V failover cluster named Cluster1.

You need to prepare the account for Cluster1 and ensure that User1 can deploy Cluster1. The solution must follow the principle of least privilege.

Which action should you perform, and which permissions should you grant to User1 for Cluster1? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Action:

- Create a new user account named Cluster1, and then disable the account.
- Create a new computer account named Cluster1, and then disable the account.
- Create a new computer account named Cluster1.

Permissions:

- Allowed to authenticate
- Create all child objects
- Full control

Answer

Explanation:

Answer Area

Action: Create a new computer account named Cluster1.

Permissions: Full control

Question: 246

You have an Azure subscription that contains the Azure key vaults shown in the following table.

Name	Location	Resource group
Vault1	East US	RG1
Vault2	Central US	RG1
Vault3	East US	RG2
Vault4	Central US	RG2

You create a virtual machine that has the following configurations

- Name: VM1
- Resource group: RG1
- Azure region: East US
- Operating system: Windows Server

You need to enable Azure Disk Encryption for VM1. Which key vault can you use to store the encryption key for VM1?

- A. Vault1 only
- B. Vault1 or Vault2 only
- C. Vault1 or Vault3 only
- D. Vault1, Vault2, Vault3, or Vault4

Answer: A

Explanation:

Question: 247

DRAG DROP

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

Name Operating system Installed

Server1 Windows Server IIS web app named App1 Saver? Windows Server Docker Enterprise Edition
Server3 Windows Server Windows Admin Center

You need to migrate App1 to a Docker image on Server2.

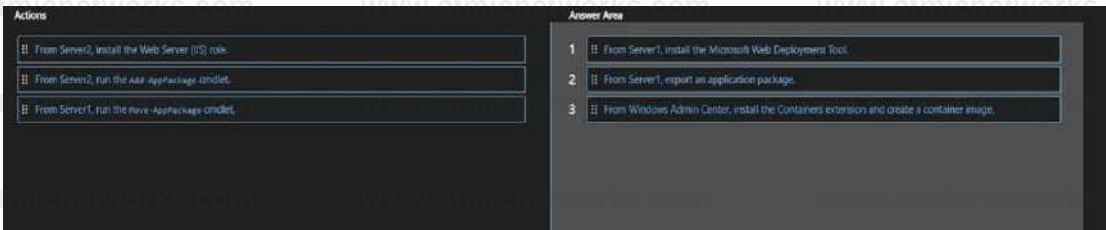
Which three actions should you perform in sequence? To answer, move the appropriate actions from

the list of actions to the answer area and arrange them in the correct order.



Answer:

Explanation:



Question: 248

HOTSPOT

You have the servers shown in the following table.

Name	Operating system	Configuratio	Install
Server 1	Windows Server 2016	File server	Server Core
Server2	Windows Server 2025	File server	Server Core
ServerS	Windows Server 2016	Domain controller	Server with Desktop Experience

You plan to migrate file shares from Server1 to Server2.

You need to deploy the Storage Migration Service and the Storage Migration Service extension.

On which server should you install each component? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area



Answer:

Explanation:



Question: 249

DRAG DROP

You have a server named Server1 that runs Windows Server and contains two volumes named C and D.

You connect a disk to Server 1 that is encrypted by using BitLocker and contains a volume named E.

You need to ensure that after a restart, the data on volume E can be accessed without providing a password or a recovery key.

Which three actions should you perform on Server1 in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.



Answer:

Explanation:



Question: 250

You have a Windows Server Failover Cluster (WSFC) that contains five nodes.

You need to ensure that if a network link fails on one of the nodes, the workloads are distributed across the remaining nodes during a failover. The solution must ensure that the workloads are distributed across all the nodes as evenly as possible.

Which command should you run?

- A. (Get-Cluster). Name | % { (Get-Cluster J_).NodeWeight - 0 }
- B. (Get-Cluster). Name | % { (Get-Cluster _).NodeHeight - 1 >
- C. (Get-ClusterNode). Name | % { (Get-ClusterNode \$_).NodeWeight - 1 }
- D. (Get-ClusterNode). Name | % { (Get-ClusterNode J_).NodeWeight - 0 }

Answer: C

Explanation:

Question: 251

You have two servers named Server 1 and Server2 that run Windows Server. You perform the following actions:

- On Server1, you create an Application Control policy named Policy1 that contains a rule to allow all the executables in a folder named D:\Folder1.
- You add a rule to Policy1 to trust a folder named \\Server2\FolderZ
- You deploy Policy1.

You need to verify that Policy1 is applied to Server1. Which Event Viewer log should you review?

- A. Applications and Services Logs\Microsoft\Windows\CodeIntegrity\Operational

B. Applications and Services Logs\Microsoft\Windows\AppLocker\MSI and Script

C. Applications and Services Logs\Miaosoft\Windows\DeviceManagement-Enterprise-Diagnostic-Provider\Admin

Answer: A

Explanation:

Question: 252

HOTSPOT

You have an Azure subscription that contains an Azure key vault named Vault 1.

You deploy Azure Disk Encryption.

You configure Vault to support Azure Disk Encryption.

You need to ensure that you can encrypt Azure Disk Encryption artifacts before they are written to Vault 1. The solution must provide the highest level of encryption.

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

NOTE: Each correct selection is worth one point.



Answer:

Explanation:



Question: 253

HOTSPOT

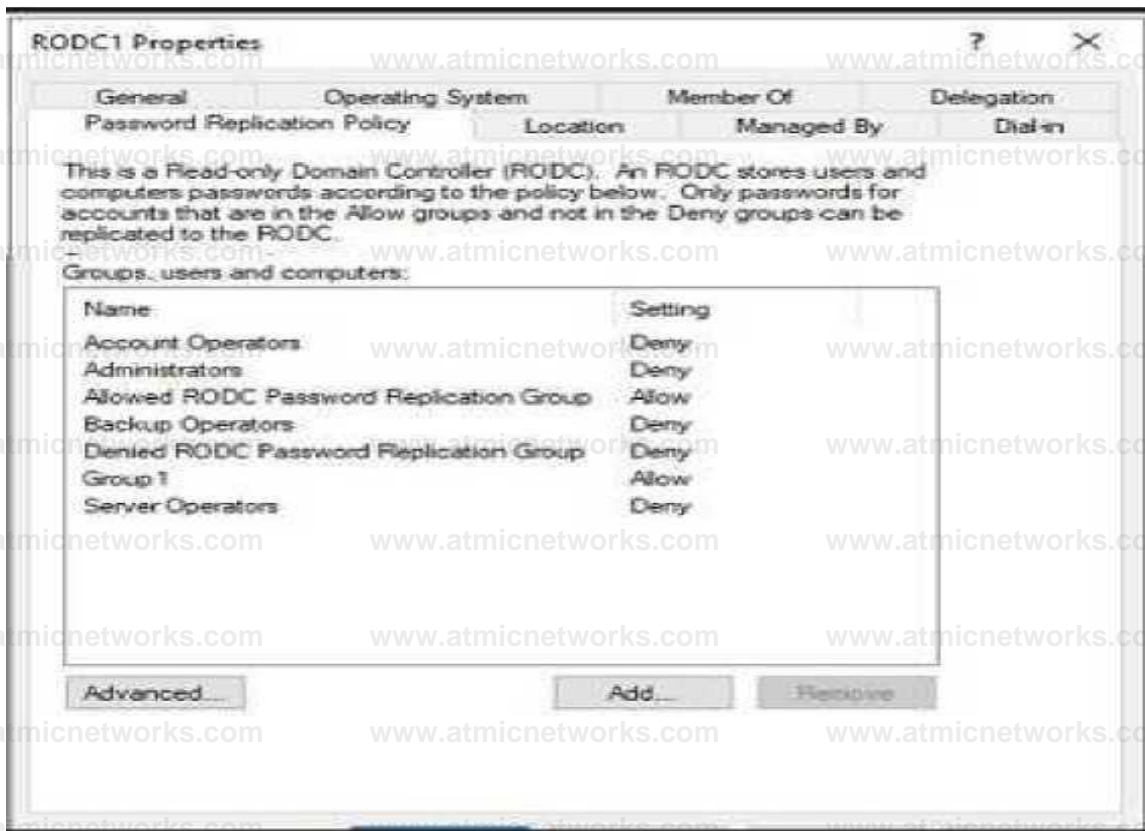
Your network contains an Active Director/ Domain Services (AD DS) domain named contoso.com. The domain contains two sites named Site1 and Site2 and servers that run Windows Server and are configured as

shown in the following table.

Name	In site	Type
DC1	Site1	Domain controller
DC2	Site1	Domain controller
RODC1	Site2	Read-only domain controller (RODC)
Server1	Site1	Member server
Server2	Site2	Member server
Server3	Site2	Member server

The domain contains a group named Group1 that contains Server3.

RODC1 has the Password Replication Policy shown in the following exhibit.



Answer Area

Statements	Yes	No
If User1 authenticates by using RODC1, the user's credentials will be stored on RODC1.	<input type="radio"/>	<input type="radio"/>
User2 can sign in to Servers if connectivity between Site1 and Site2 fails.	<input type="radio"/>	<input type="radio"/>
User3 can sign in to RODC1 locally.	<input type="radio"/>	<input type="radio"/>

Answer:

Explanation:

Answer Area

Statements	Yes	No
If User1 authenticates by using RODC1, the user's credentials will be stored on RODC1.	<input checked="" type="radio"/>	<input type="radio"/>
User2 can sign in to Servers if connectivity between Site1 and Site2 fails.	<input checked="" type="radio"/>	<input type="radio"/>
User3 can sign in to RODC1 locally.	<input checked="" type="radio"/>	<input type="radio"/>

Question: 254
HOTSPOT

You have 100 Azure virtual machines that run Windows Server.

You plan to use Azure Monitor agents to track occurrences of event 10 1035 in the Application log of each virtual machine.

You need to ensure that the events will be available for analysis in Log Analytics. The solution must minimize the total volume of events stored in Azure.

What should you do? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one

Answer Area

Create:

- A Log Analytics custom log
- A Log Analytics scope configuration
- A Data Collection Rule (DCR)
- VM insights

Filter the logs by using a:

- KQL query
- WQL query
- XPath query

Answer:

Explanation:

A Data Collection Rule (OCR)

Question: 255
HOTSPOT

You have two on-premises Hyper-V hosts named Server1 and Server2. Server1 hosts a virtual machine named VM1 that uses a static IP address. VM1 replicates to Server2 by using Hyper-V Replica.

You plan to perform a failover test for VM1.

You need to configure the Failover TCP/IP settings and the virtual switch for the failover.

Where should you configure the Failover TCP/IP settings, and where should you configure the virtual switch?

To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

- VM1 on Server1 only
- VM1 on Server2 only
- VM1 on Server1 and VM1 on Server2 only
- VM1 on Server1 only
- VM1 on Server2 only
- VM1 on Server1 and VM1 on Server2 only

Answer:

Explanation:

VM1 on Server2 only

VM1 on Server1 and VM1 on Server2 only