Microsoft

Exam Questions AZ-120

Planning and Administering Microsoft Azure for SAP Workloads

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NEW QUESTION 1
- (Exam Topic 1)
Litware is evaluating whether to add high availability after the migration? What should you recommend to meet the technical requirements?

A. SAP HANA system replication and Azure Availability Sets
B. Azure virtual machine auto-restart with SAP HANA service auto-restart.
C. Azure Site Recovery

Answer: A

NEW QUESTION 2
- (Exam Topic 1)
You are evaluating which migration method Litware can implement based on the current environment and the business goals.
Which migration method will cause the least amount of downtime?

A. Use the Database migration Option (DMO) to migrate to SAP HANA and Azure During the samemaintenance window.
B. Use Near-Zero Downtime (NZDT) to migrate to SAP HANA and Azure during the same maintenance window.
C. Migrate SAP to Azure, and then migrate SAP ECC to SAP Business Suite on HANA.
D. Migrate SAP ECC to SAP Business Suite on HANA an the migrate SAP to Azure.

Answer: A

Explanation:
The SAP Database Migration Option (DMO) with System Move option of SUM, used as part of the migration allows customer the options to perform the migration in a single step, from source system on-premises, or to the target system residing in Microsoft Azure, minimizing overall downtime.
References:
https://blogs.sap.com/2017/10/05/your-sap-on-azure-part-2-dmo-with-system-move/

NEW QUESTION 3
- (Exam Topic 2)
You have the following Azure Resource Manager template.

```
{
  "$schema": "https://schema.management.azure.com/schemas/2015-01-01/deploymentTemplate.json#",
  "contentVersion": "1.0.0.0",
  "parameters": {},
  "resources": [
    {
      "apiVersion": "2016-01-01",
      "type": "Microsoft.Storage/storageAccounts",
      "name": "[concat(copyIndex(), 'storage', uniqueString(resourceGroup().id))]",
      "location": "[resourceGroup().location]",
      "sku": {
        "name": "Premium_LRS"
      },
      "kind": "Storage",
      "properties":{},
      "copy": {
        "name": "storagecopy",
        "count": 6,
        "mode": "Serial",
        "batchSize": 1
      }
    }
  ]
}
```

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

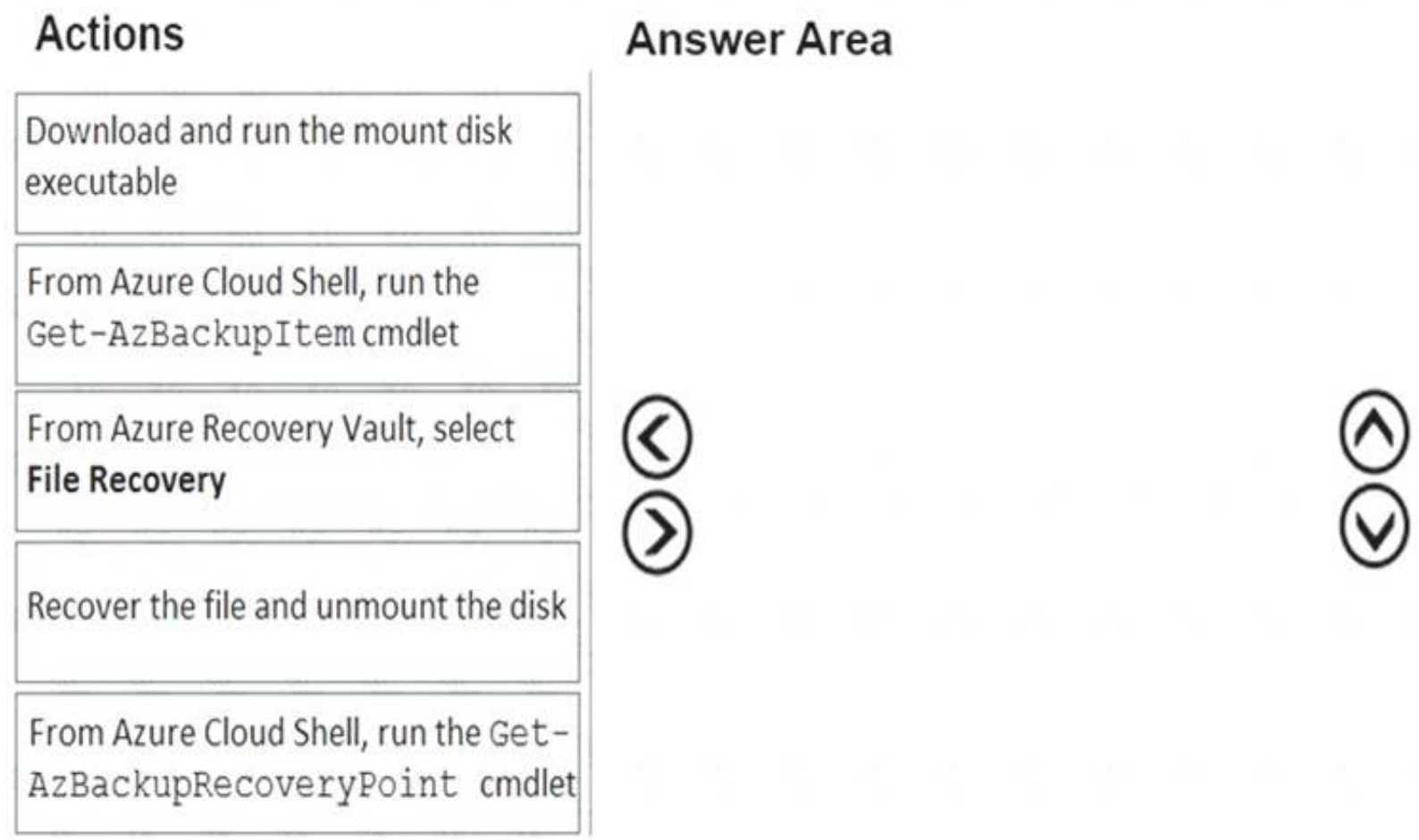
Statements	Yes	No
Six storage accounts will be created.	○	○
The storage accounts will be created in parallel.	○	○
The storage accounts will be replicated to multiple regions.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: Yes
Count is 6.
Box 2: No Mode is serial. Box 3: Yes References:
https://docs.microsoft.com/en-us/azure/azure-resource-manager/templates/copy-resources

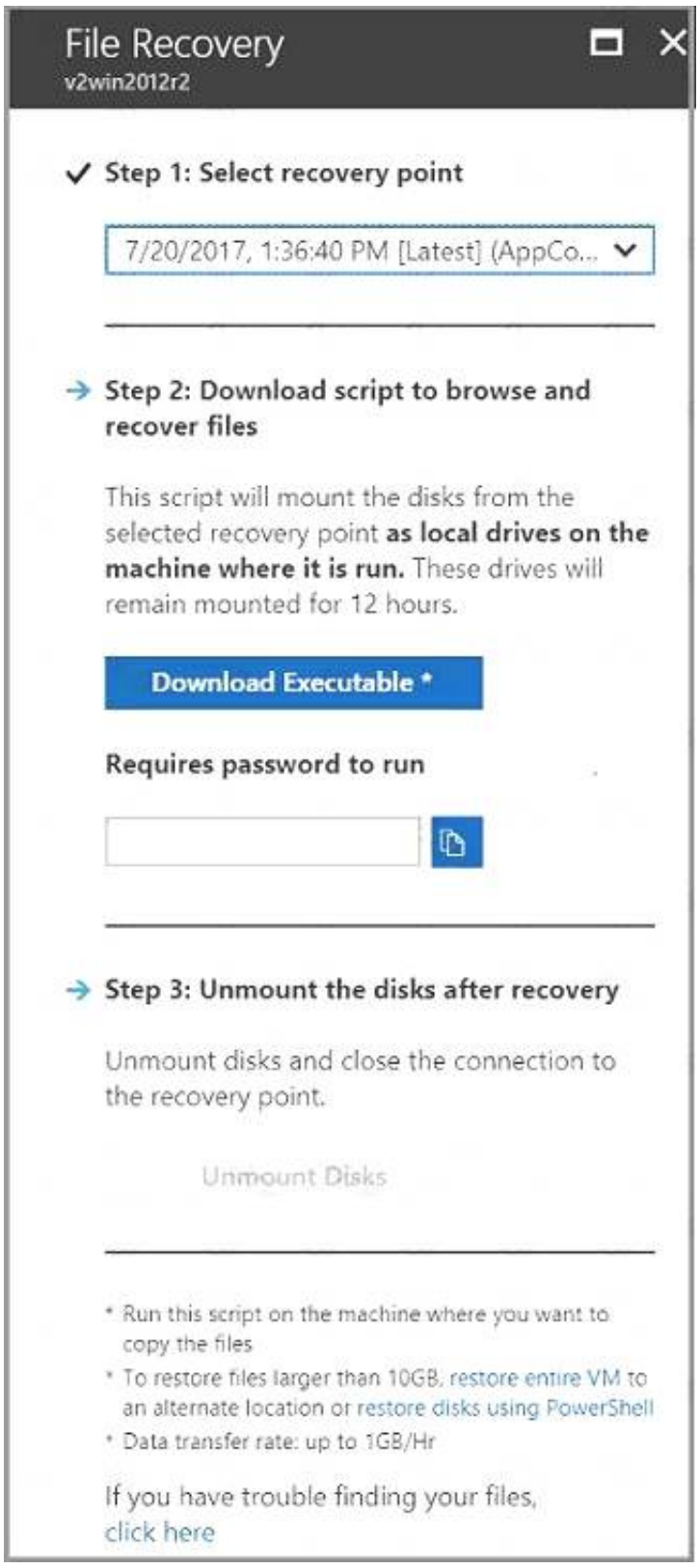
NEW QUESTION 4
- (Exam Topic 2)
You have an SAP environment on Azure.
You use Azure Recovery Services to back up an SAP application server.
You need to test the restoration process of a file on the server.
Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.



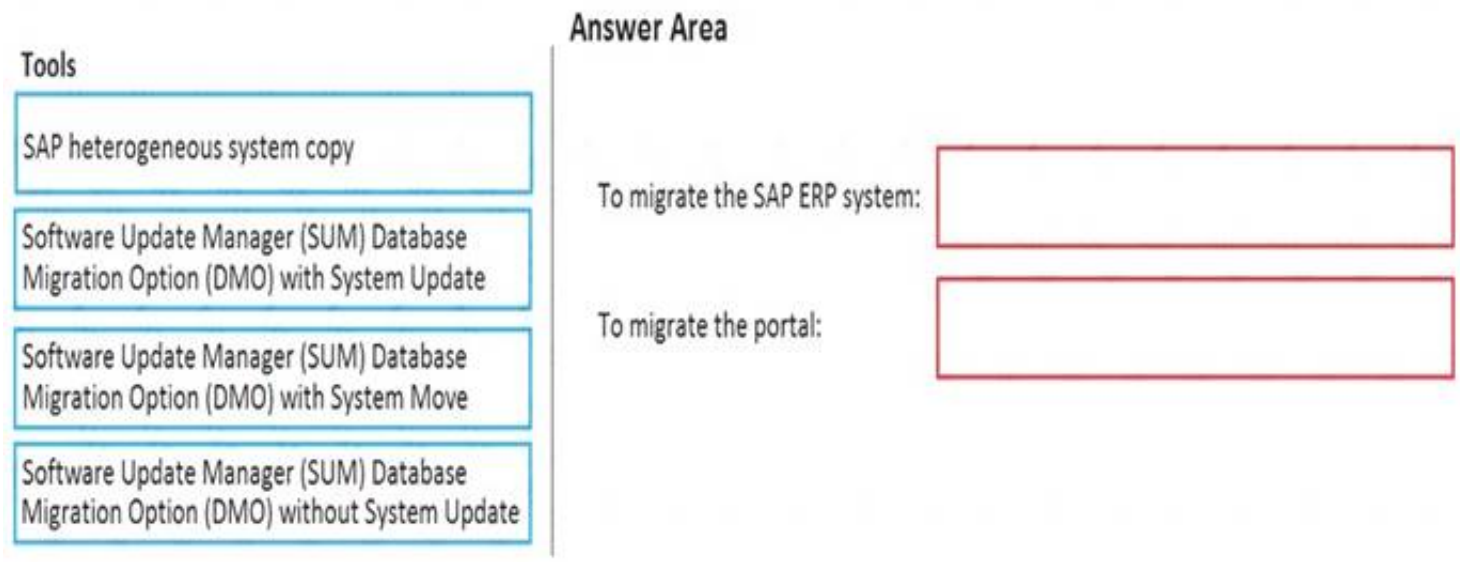
A. Mastered
B. Not Mastered

Answer: A

Explanation:
Step 1: From Azure Recover Vault, select File Recovery
To restore files or folders from the recovery point, go to the virtual machine and choose the desired recovery point.
Step 2: Download and run the mount disk executable Step 3: recover the file and unmount the disk



NEW QUESTION 5
- (Exam Topic 2)
You have an on-premises SAP environment that runs on SUSE Linux Enterprise Server (SLES) servers and Oracle. The version of the SAP ERP system is 6.06 and the version of the portal is SAP NetWeaver 7.3.
You need to recommend a migration strategy to migrate the SAP ERP system and the portal to Azure. The solution must be hosted on SAP HANA.
What should you recommend? To answer, drag the appropriate tools to the correct components. 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.



A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: Software Update Manager (SUM) Database Migration option (DMO) with System Update The SAP ERP system is 6.06.

Box 2: Software Update Manager (SUM) Database Migration option (DMO) without System Update The portal is SAP NetWeaver 7.3.
SAP ERP portal migrate azure Software update manager database Reference:
https://blogs.sap.com/2017/10/05/your-sap-on-azure-part-2-dmo-with-system-move/

NEW QUESTION 6
- (Exam Topic 2)
This question requires that you evaluate the underlined BOLD text to determine if it is correct.
You have an Azure resource group that contains the virtual machines for an SAP environment.
You must be assigned the Contributor role to grant permissions to the resource group.
Instructions: Review the underlined text. If it makes the statement correct, select “No change is needed”. If the statement is incorrect, select the answer choice that makes the statement correct.

A. No change is needed
B. User Access Administrator
C. Managed Identity Contributor
D. Security Admin

Answer: B

Explanation:
Contributor - Can create and manage all types of Azure resources but can’t grant access to others. User Access Administrator - Lets you manage user access to Azure resources.
References:
https://docs.microsoft.com/en-us/azure/role-based-access-control/overview

NEW QUESTION 7
- (Exam Topic 2)
You have an on-premises SAP environment hosted on VMware vSphere. You plan to migrate the environment to Azure by using Azure Site Recovery. You need to prepare the environment to support Azure Site Recovery.
What should you deploy first?

A. an on-premises data gateway to vSphere
B. Microsoft System Center Virtual Machine Manager (VMM)
C. an Azure Backup server
D. a configuration server to vSphere

Answer: D

Explanation:
When you set up disaster recovery for on-premises VMware VMs, Site Recovery needs access to the vCenter Server/vSphere host so that the Site Recovery process server can automatically discover VMs, and fail them over as needed. By default the process server runs on the Site Recovery configuration server. Add an account for the configuration server to connect to the vCenter Server/vSphere host.
References:
https://docs.microsoft.com/en-us/azure/site-recovery/vmware-azure-manage-vcenter

NEW QUESTION 8
- (Exam Topic 2)
You have an SAP development landscape on Azure.
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
You can use SAP Landscape Management (LaMa) to automate stopping, starting, and deallocating SAP virtual machines.	○	○
You can use SAP Solution Manager to automate stopping, starting, and deallocating SAP virtual machines.	○	○
You can use SAP HANA Cockpit to automate stopping, starting, and deallocating SAP virtual machines.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements	Yes	No
You can use SAP Landscape Management (LaMa) to automate stopping, starting, and deallocating SAP virtual machines.	○	○
You can use SAP Solution Manager to automate stopping, starting, and deallocating SAP virtual machines.	○	○
You can use SAP HANA Cockpit to automate stopping, starting, and deallocating SAP virtual machines.	○	○

NEW QUESTION 9
- (Exam Topic 2)
You plan to migrate an on-premises SAP environment to Azure.
You need to identity whether any SAP application servers host multiple SAP system identifiers (SIDs). What should you do?

A. Run SAP HAN A sizing report.
B. From the SAP EarlyWatch Alert report, compare the physical host names to the virtual host names.
C. Run the SAP Report from ABAPMeter.
D. From the SAP EarlyWatch Alert report, compare the services to the reference objects

Answer: C

NEW QUESTION 10
- (Exam Topic 2)
You have an SAP ERP Central Component (SAP ECQ) environment on Azure.
You need to add an additional SAP application server to meet the following requirements:
• Provide the highest availability.
• Provide the fastest speed between the new server and the database. What should you do?

A. Place the new server in a different Azure Availability Zone than the database.
B. Place the new server in the same Azure Availability Set a? the database and the other application servers.
C. Place the new server in the same Azure Availability Zone as the database and the other application servers.

Answer: A

NEW QUESTION 10
- (Exam Topic 2)
You have a n SAP environment on Azure.
Your on-premises network uses a 1-Gbps ExpresRoute circuit to connect to Azure Private peering is enabled on the circuit. The default route (0.0.0.0/0) from the on-premises network is advertised
You need to resolve the issue without modifying the ExpresRoute circuit. The solution must minimize administrative effort. What should you do?

A. Create a user-defined route tint redirects traffic to the Blob storage.
B. Create an application security group.
C. Change the backup solution to use a third-party software that can write to the Blob storage.
D. Enable virtual network service endpoints.

Answer: A

NEW QUESTION 11
- (Exam Topic 2)
You have an SAP production landscape on-premises and an SAP development landscape on Azure.
You deploy a network virtual appliance to act as a firewall between the Azure subnet and the on-premises network.
Solution: You configure a user-defined route table. Does this meet the goal?

A. Yes
B. No

Answer: B

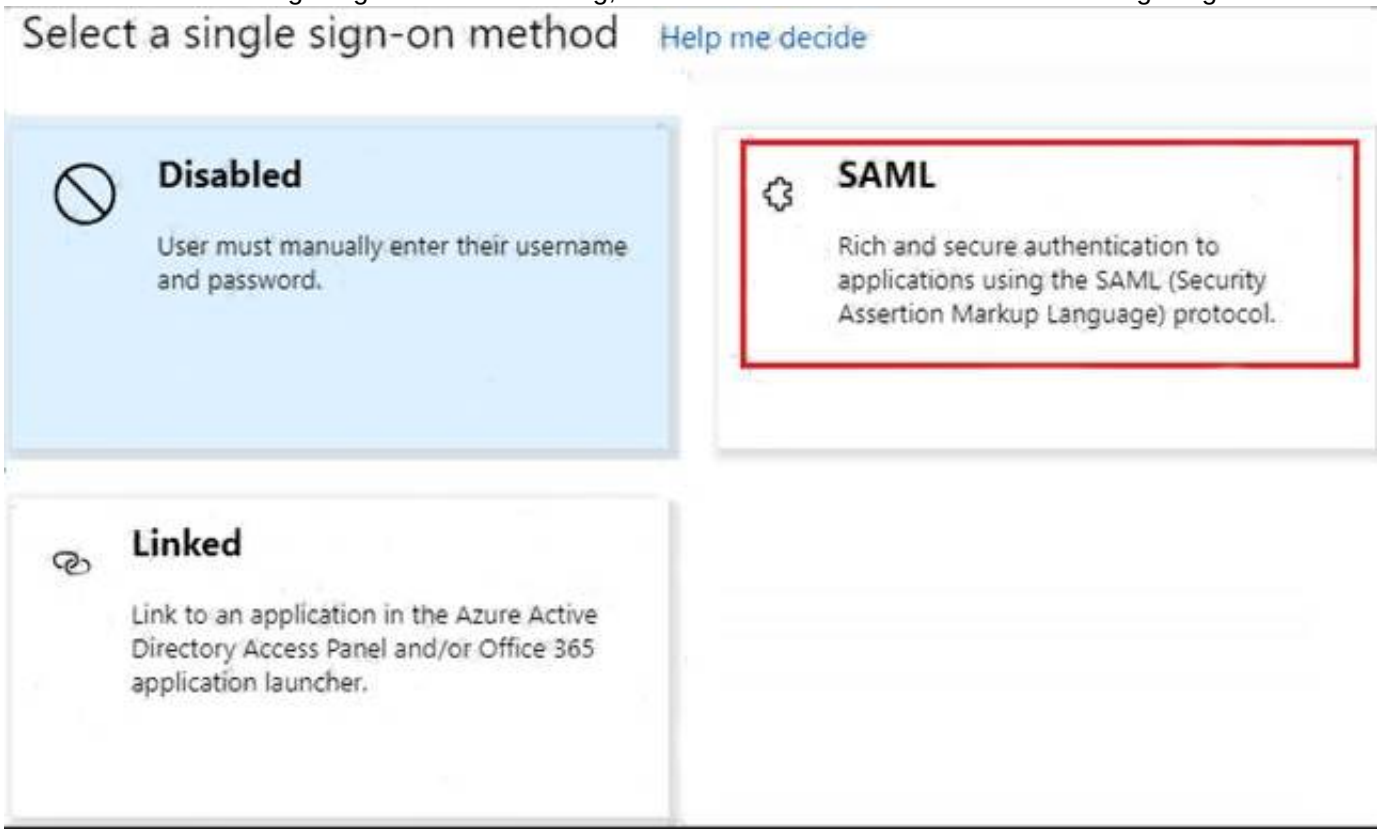
NEW QUESTION 15
- (Exam Topic 2)
You are integrating SAP HANA and Azure Active Directory (Azure AD).
For each of the following statements, select Yes if the statement is true. Otherwise, select No.
NOTE: Each correct selection is worth one point.

Statements	Yes	No
SAP HANA supports SAML authentication for single-sign on (SSO).	○	○
SAP HANA supports OAuth2 authentication for single-sign on (SSO).	○	○
You can use Azure role-based access control (RBAC) to provide users with the ability to sign in to SAP HANA.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: Yes
To configure Azure AD single sign-on with SAP HANA, perform the following steps:
*1. In the Azure portal, on the SAP HANA application integration page, select Single sign-on.
*2. On the Select a Single sign-on method dialog, select SAML/WS-Fed mode to enable single sign-on.



Box 2: No
Box 3: No
Key security considerations for deploying SAP on Azure References:
https://docs.microsoft.com/en-us/azure/active-directory/saas-apps/saphana-tutorial

NEW QUESTION 18
- (Exam Topic 2)
This question requires that you evaluate the underlined text to determine if it is correct.
When deploying SAP HANA to an Azure virtual machine, you can enable Write Accelerator to reduce the latency between the SAP application servers and the database layer.
Instructions: Review the underlined text. If it makes the statement correct, select “No change is needed”. If the statement is incorrect, select the answer choice that makes the statement correct.

A. No change is needed
B. install the Mellanox driver
C. start the NIPING service
D. enable Accelerated Networking

Answer: D

Explanation:
To further reduce network latency between Azure VMs, we [Microsoft] recommend that you choose Azure Accelerated Networking. Use it when you deploy Azure VMs for an SAP workload, especially for the SAP application layer and the SAP DBMS layer.

NEW QUESTION 23
- (Exam Topic 2)
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 deploy SAP HANA on Azure (Large Instances). You need to back up the SAP HANA database to Azure.
Solution: You use a third-party tool that uses backint to back up the SAP HANA database to Azure storage. Does this meet the goal?

A. Yes
B. No

Answer: B

Explanation:
References:
https://docs.microsoft.com/en-us/azure/backup/sap-hana-db-about
https://docs.microsoft.com/en-us/azure/backup/backup-azure-sap-hana-database#configure-backup

NEW QUESTION 28
- (Exam Topic 2)
Your company has a an on-premises SAP environment.
Recently, the company split into two companies named Litware, inc and Contoso.Ltd. Litware retained the SAP environment.
Litware plans to export data that is relevant only to Contoso. The export will be 1.5 TB. Contoso build a new SAP environment on Azure.
You need to recommend a solution for Litware to make the data available to Contoso in Azure. The solution
must meet the following requirements: Minimize the impact on the network. Minimize the administrative effort for Litware.
What should you include in the recommendation.

A. Azure Migrate
B. Azure Databox
C. Azure Site Recovery
D. Azure import/Export service

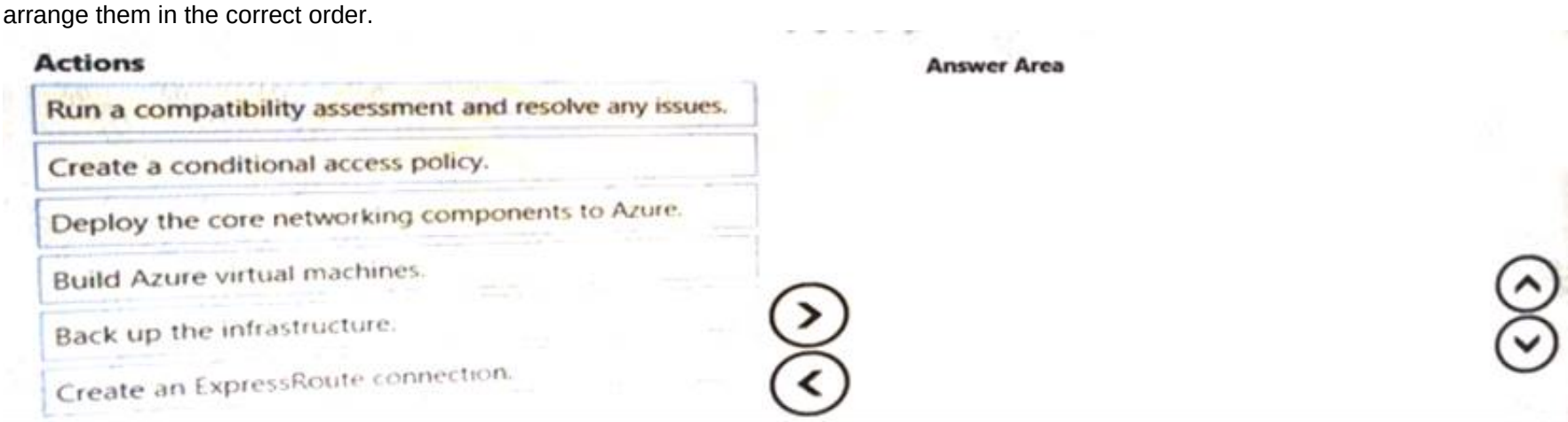
Answer: C

NEW QUESTION 31
- (Exam Topic 2)
You have an SAP production landscape on-premises and an SAP development landscape on Azure.
You deploy a network virtual appliance to act as a firewall between the Azure subnet and the on-premises network.
Solution: You configure route filters for Microsoft peering. Does this meet the goal?

A. Yes
B. No

Answer: B

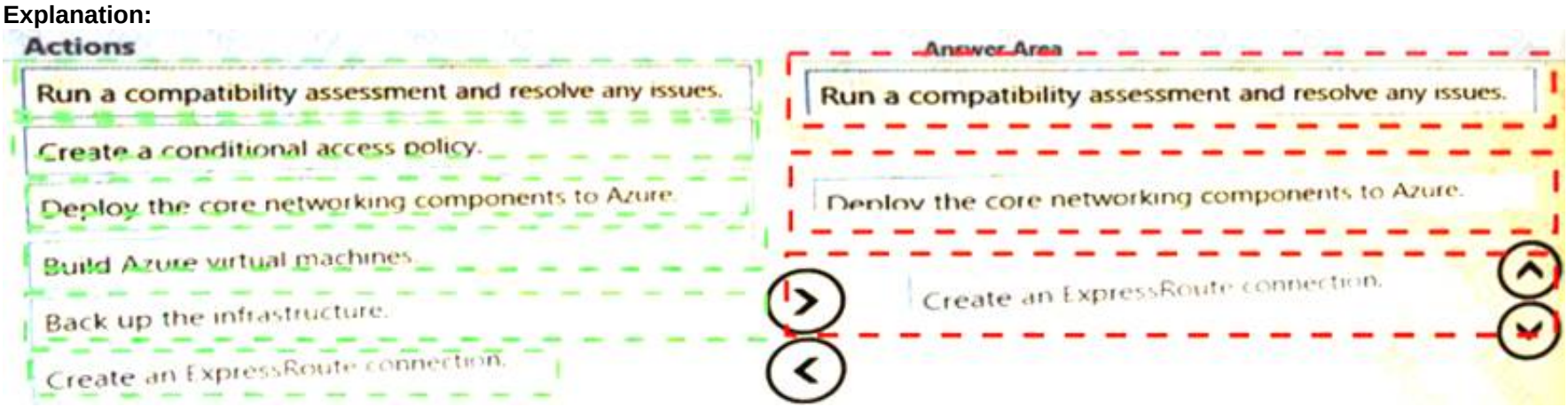
NEW QUESTION 33
- (Exam Topic 2)
A customer has an on-premises SAP environment. The customer plans to migrate SAP to Azure.
You need to prepare the environment for the planned migration.
Which three actions should you perform in sequence before the migration? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.



A. Mastered
B. Not Mastered

Answer: A

Explanation:

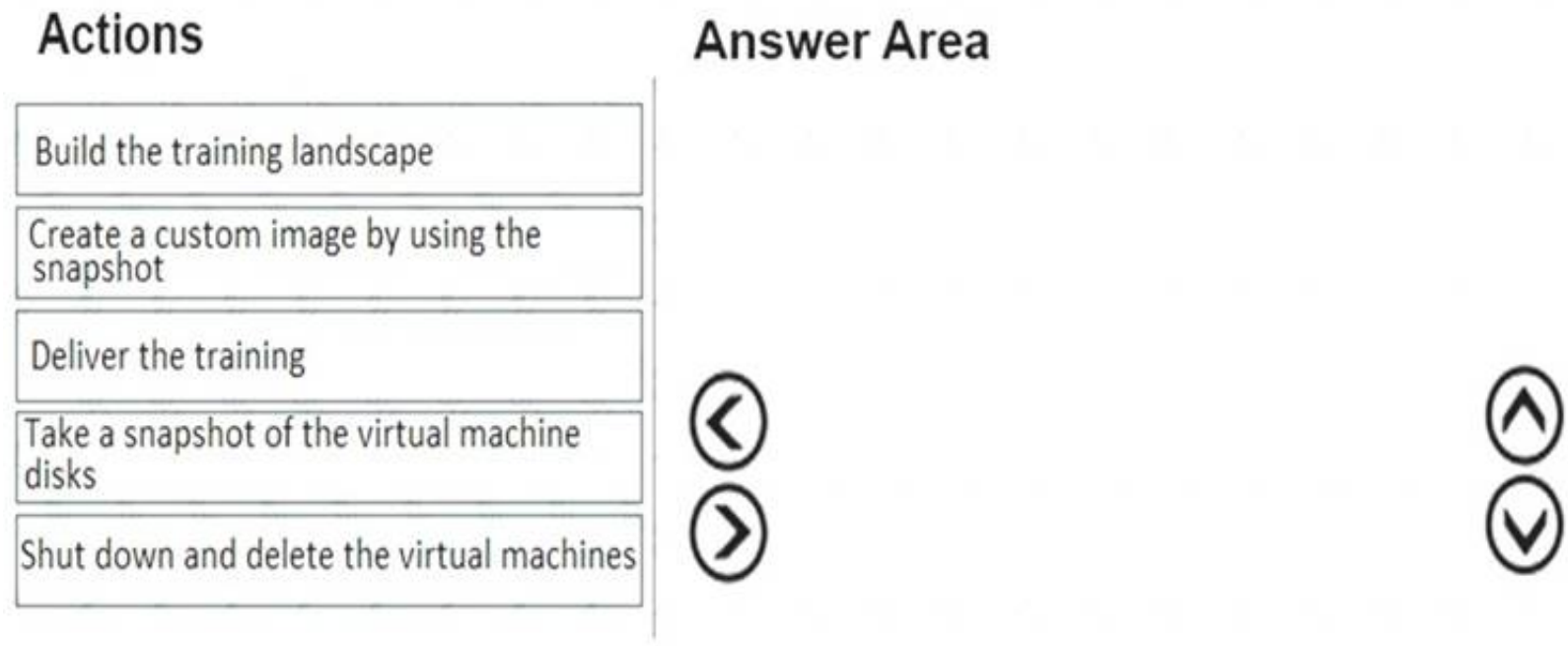


NEW QUESTION 36

- (Exam Topic 2)
You have a large and complex SAP environment on Azure.
You are designing a training landscape that will be used 10 times a year.
You need to recommend a solution to create the training landscape. The solution must meet the following requirements:

- Minimize the effort to build the training landscape.
- Minimize costs.

In which order should you recommend the actions be performed for the first training session? To answer, move all actions from the list of actions to the answer area and arrange them in the correct order.

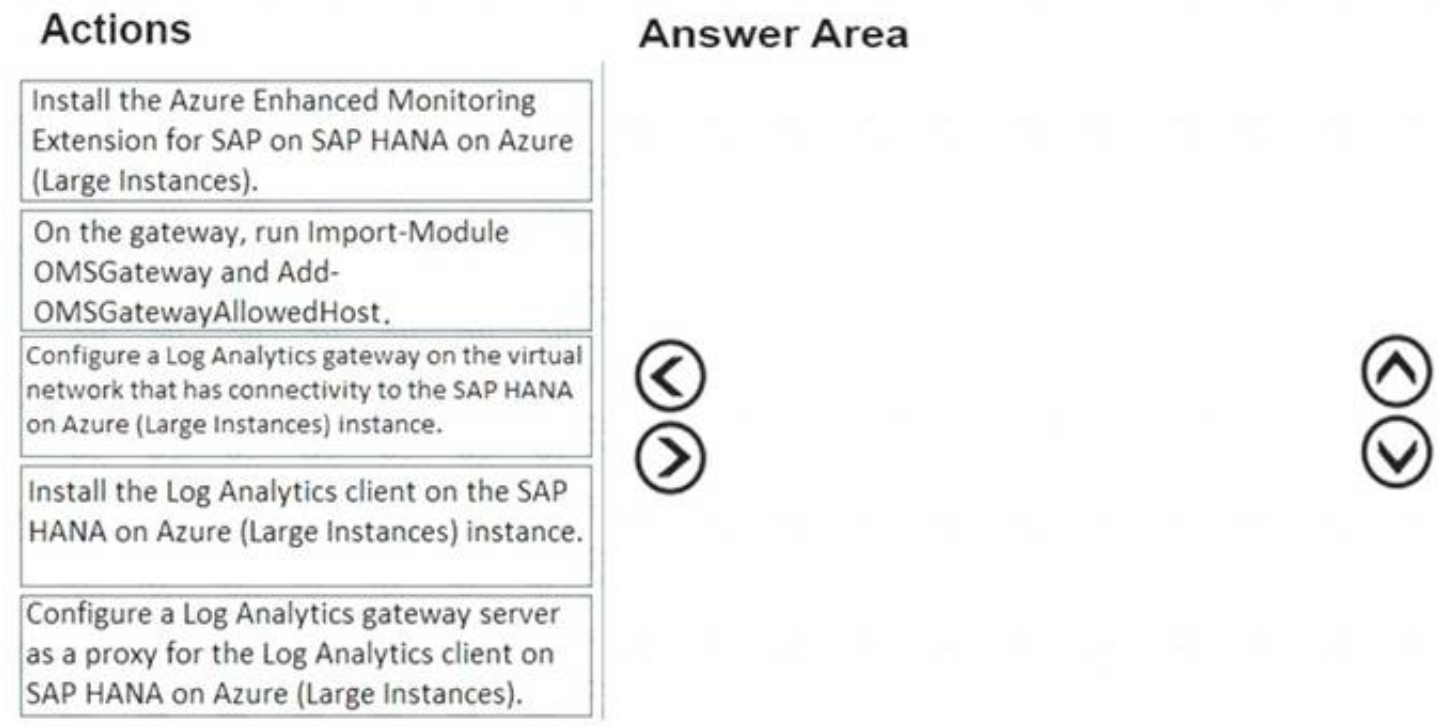


A. Mastered
B. Not Mastered

Answer: A

Explanation:
References:
https://docs.microsoft.com/en-us/azure/virtual-machines/workloads/sap/planning-guide

NEW QUESTION 38
- (Exam Topic 2)
You need to connect SAP HANA on Azure (Large Instances) to an Azure Log Analytics workspace.
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.



A. Mastered
B. Not Mastered

Answer: A

Explanation:
Step 1: Install the Azure Enhanced Monitoring.
The SAP Azure Enhanced Monitoring Extension allows for collecting diagnostic data including OS and Application performance counters from Azure VMs running SAP workloads.
Step 2: Install the Log Analytics client on the SAP HANA on Azure (Large Instances) instance. Step 3: Configure a Log Analytics gateway on the virtual network.
Step 4: On the gateway, run. References:
http://www.deployazure.com/compute/virtual-machines/sap-azure-enhanced-monitoring-extension/
https://docs.microsoft.com/en-us/azure/azure-monitor/platform/gateway

NEW QUESTION 40
- (Exam Topic 2)
You have an SAP environment that is managed by using VMware vCenter. You plan to migrate the SAP environment to Azure.
You need to gather information to identify which compute resources are required in Azure. What should you use to gather the information?

A. Azure Migrate and SAP EarlyWatch Alert reports
B. Azure Site Recovery and SAP Quick Sizer
C. SAP Quick Sizer and SAP HANA system replication
D. Azure Site Recovery Deployment Planner and SAP HANA Cockpit

Answer: A

Explanation:
Azure Migrate is a Microsoft service that helps an enterprise assess how its on-premises workloads will perform, and how much they will cost to host, in the Azure public cloud.
An enterprise can use Azure Migrate to discover information about the VMware VMs running within its own data center, including CPU and memory usage, as well as performance history.
SAP EarlyWatch Alert (EWA) is a monitoring service for SAP customers, to monitor SAP systems in the solution landscape.

NEW QUESTION 41
- (Exam Topic 2)
You have an Azure Availability Set that is configured as shown in the following exhibit.

```
PS Azure:\> get-azavailabilityset | Select Sku, PlatformFaultDomainCount, PlatformUpdateDomainCount, name, type | FL

Sku                     : Aligned
PlatformFaultDomainCount : 2
PlatformUpdateDomainCount : 4
Name                    : SAP-Databases-AS
Type                    : Microsoft.Compute/availabilitySets
```

Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.
NOTE: Each correct selection is worth one point.

Virtual machines that share **[answer choice]** will be susceptible to a storage outage.

- aligned SKUs
- the same fault domain
- the same update domain

Virtual machines in the Azure Availability Set can support **[answer choice]**.

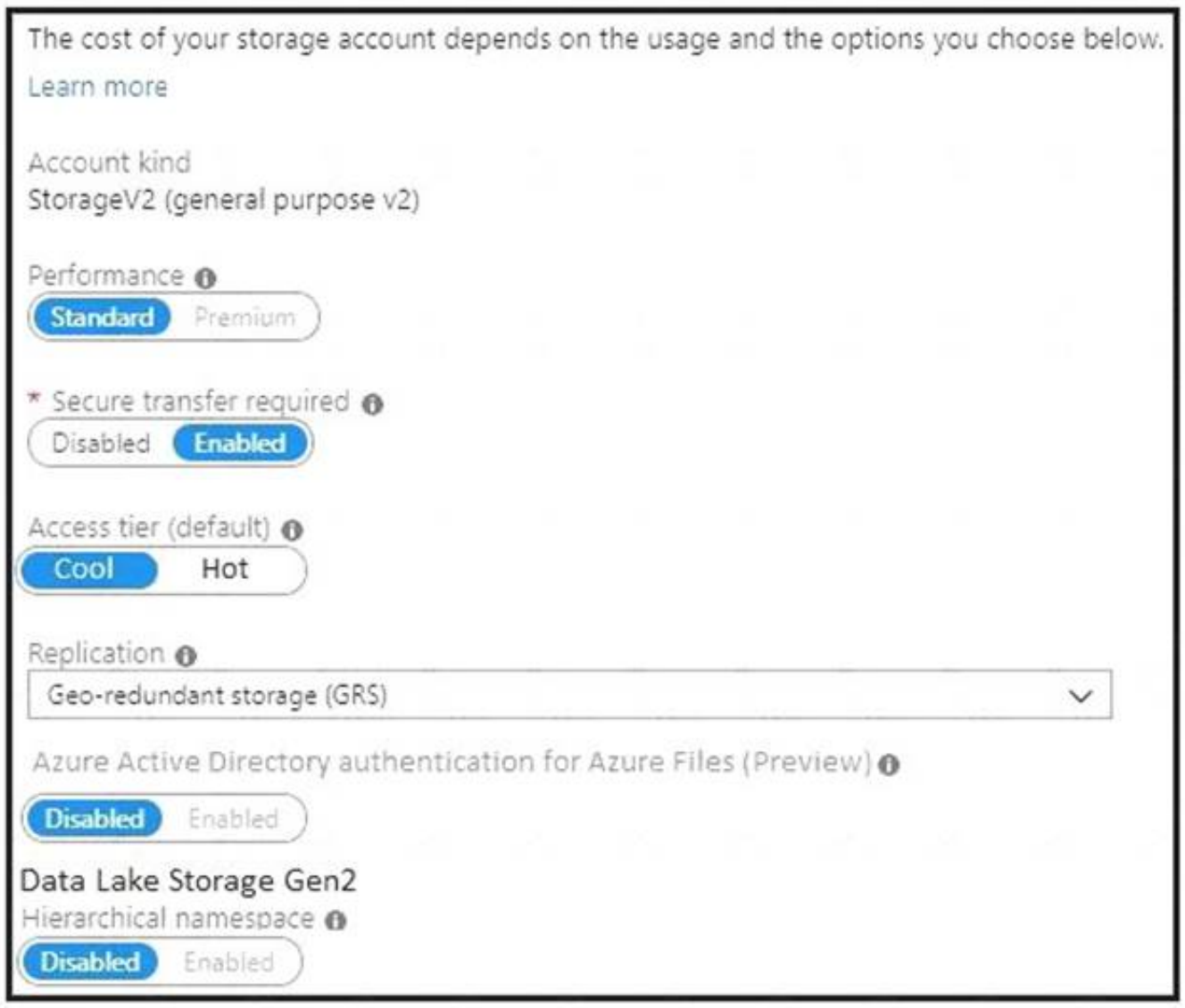
- datacenter outages
- managed disks
- regional outages

A. Mastered
B. Not Mastered

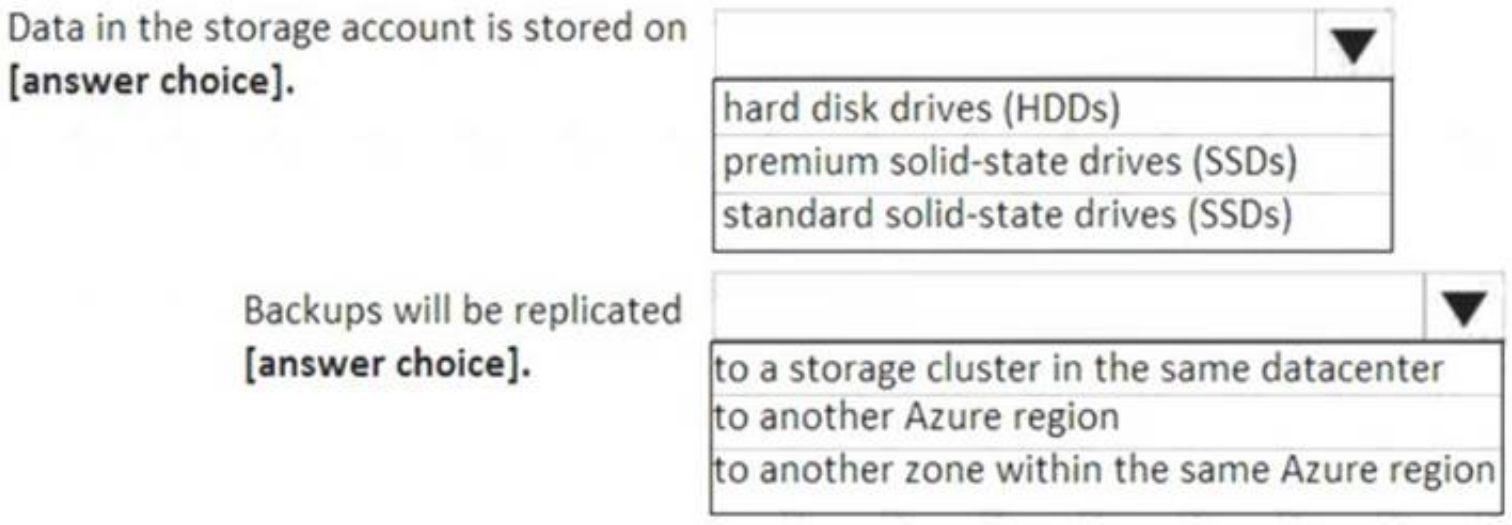
Answer: A

Explanation:
Box 1: the same fault domain
Fault domains define the group of virtual machines that share a common power source and network switch. If a storage fault domain fails due to hardware or software failure, only the VM instance with disks on the storage fault domain fails.
Box 2: managed disks
Managed disks provide better reliability for Availability Sets by ensuring that the disks of VMs in an Availability Set are sufficiently isolated from each other to avoid single points of failure. It does this by automatically placing the disks in different storage fault domains (storage clusters) and aligning them with the VM fault domain.
References:
https://docs.microsoft.com/en-us/azure/virtual-machines/windows/manage-availability

NEW QUESTION 42
- (Exam Topic 2)
You are designing the backup for an SAP database.
You have an Azure Storage account that is configured as shown in the following exhibit.



Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.
NOTE: Each correct selection is worth one point.



A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: standard solid-state drives (SSDs)
Standard SSD Managed Disks, a low-cost SSD offering, are optimized for test and entry-level production workloads requiring consistent latency.
Box 2: to another Azure region
Geo-redundant storage (GRS) copies your data synchronously three times within a single physical location in the primary region using LRS. It then copies your data asynchronously to a single physical location in a secondary region that is hundreds of miles away from the primary region.
References:
https://azure.microsoft.com/en-us/pricing/details/managed-disks/
https://docs.microsoft.com/en-us/azure/storage/common/storage-redundancy#geo-redundant-storage

NEW QUESTION 45
- (Exam Topic 2)
Your on-premises network contains SAP and non-SAP applications.
You have JAVA-based SAP systems that use SPNEGO for single-sign on (SSO) authentication. Your external portal uses multi-factor authentication (MFA) to authenticate users.
You plan to extend the on-premises authentication features to Azure and to migrate the SAP applications to Azure.
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
Azure Active Directory (Azure AD) pass-through authentication can be used to enable MFA for on-premises users.	○	○
Azure Active Directory (Azure AD) password hash synchronization ensures that users can use on their on-premise credentials to authenticate to ABAP-based SAP systems on Azure.	○	○
Active Directory Federation Services (AD FS) can be used to enable MFA for on-premises users.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: No
Need AD FS for MFA. See box 3.
Note: Azure Active Directory (Azure AD) Pass-through Authentication allows your users to sign in to both on-premises and cloud-based applications using the same passwords. This feature is an alternative to Azure AD Password Hash Synchronization (see Box 2).
Box 2: Yes
Password hash synchronization is one of the sign-in methods used to accomplish hybrid identity. Azure AD Connect synchronizes a hash, of the hash, of a users password from an on-premises Active Directory instance to a cloud-based Azure AD instance.
Password hash synchronization is an extension to the directory synchronization feature implemented by Azure AD Connect sync. You can use this feature to sign in to Azure AD services like Office 365. You sign in to the service by using the same password you use to sign in to your on-premises Active Directory instance.
Box 3: Yes
If your organization is federated with Azure AD, you can use Azure Multi-Factor Authentication to secure AD FS resources, both on-premises and in the cloud.
Azure MFA enables you to eliminate passwords and provide a more secure way to authenticate.
References:
https://docs.microsoft.com/en-us/azure/active-directory/hybrid/whatis-phs
https://docs.microsoft.com/en-us/windows-server/identity/ad-fs/operations/configure-ad-fs-and-azure-mfa

NEW QUESTION 49
- (Exam Topic 2)
You have an on-premises SAP environment hosted on VMware VSphere that uses Microsoft SQL Server as the database platform.
You plan to migrate the environment to Azure. The database platform will remain the same. You need gather information to size the target Azure environment for the migration.
What should you use?

A. the SAP EarlyWatch report
B. Azure Advisor
C. the SAP HANA sizing report
D. Azure Monitor

Answer: B

Explanation:
Azure Advisor provides recommendations for Application Gateway, App Services, availability sets, Azure Cache, Azure Data Factory, Azure Database for MySQL, Azure Database for PostgreSQL, Azure Database for MariaDB, Azure ExpressRoute, Azure Cosmos DB, Azure public IP addresses, SQL Data Warehouse, SQL servers, storage accounts, Traffic Manager profiles, and virtual machines.
Note: Advisor is a personalized cloud consultant that helps you follow best practices to optimize your Azure deployments. It analyzes your resource configuration and usage telemetry and then recommends solutions that can help you improve the cost effectiveness, performance, high availability, and security of your Azure resources.
With Advisor, you can:
Get proactive, actionable, and personalized best practices recommendations.
Improve the performance, security, and high availability of your resources, as you identify opportunities to reduce your overall Azure spend.
Get recommendations with proposed actions inline. Reference:
https://docs.microsoft.com/en-us/azure/advisor/advisor-overview

NEW QUESTION 50
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