

# Microsoft

## Exam Questions AZ-120

Planning and Administering Microsoft Azure for SAP Workloads



NEW QUESTION 1

- (Exam Topic 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.

Answer Area	Statements	Yes	NO
	After the migration, you can use Azure Site Recovery to back up the SAP HANA databases.	<input type="radio"/>	<input type="radio"/>
	After the migration, you can use SAP HANA Cockpit to back up the SAP ECC databases.	<input type="radio"/>	<input type="radio"/>
	After the migration, you can use SAP HANA Cockpit to back up SAP BW.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

YES YES NO

NEW QUESTION 2

- (Exam Topic 1)

You need to recommend a solution to reduce the cost of the SAP non-production landscapes after the migration. What should you include in the recommendation?

- A. Deallocate virtual machines when not In use.
- B. Migrate the SQL Server databases to Azure SQL Data Warehouse.
- C. Configure scaling of Azure App Service.
- D. Deploy non-production landscapes to Azure Devlest Labs.

Answer: D

Explanation:

Relevant use cases Dev/test environments for SAP workloads on Azure.  
Noncritical SAP nonproduction workloads (such sandbox, development, test, and quality assurance). Noncritical SAP business workloads.  
References:  
<https://docs.microsoft.com/en-us/azure/architecture/example-scenario/apps/sap-dev-test>

NEW QUESTION 3

- (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.

Actions

Download and run the mount disk executable

From Azure Cloud Shell, run the Get-AzBackupItem cmdlet

From Azure Recovery Vault, select File Recovery

Recover the file and unmount the disk

From Azure Cloud Shell, run the Get-AzBackupRecoveryPoint cmdlet

Answer Area

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v

- A. Mastered
- B. Not Mastered

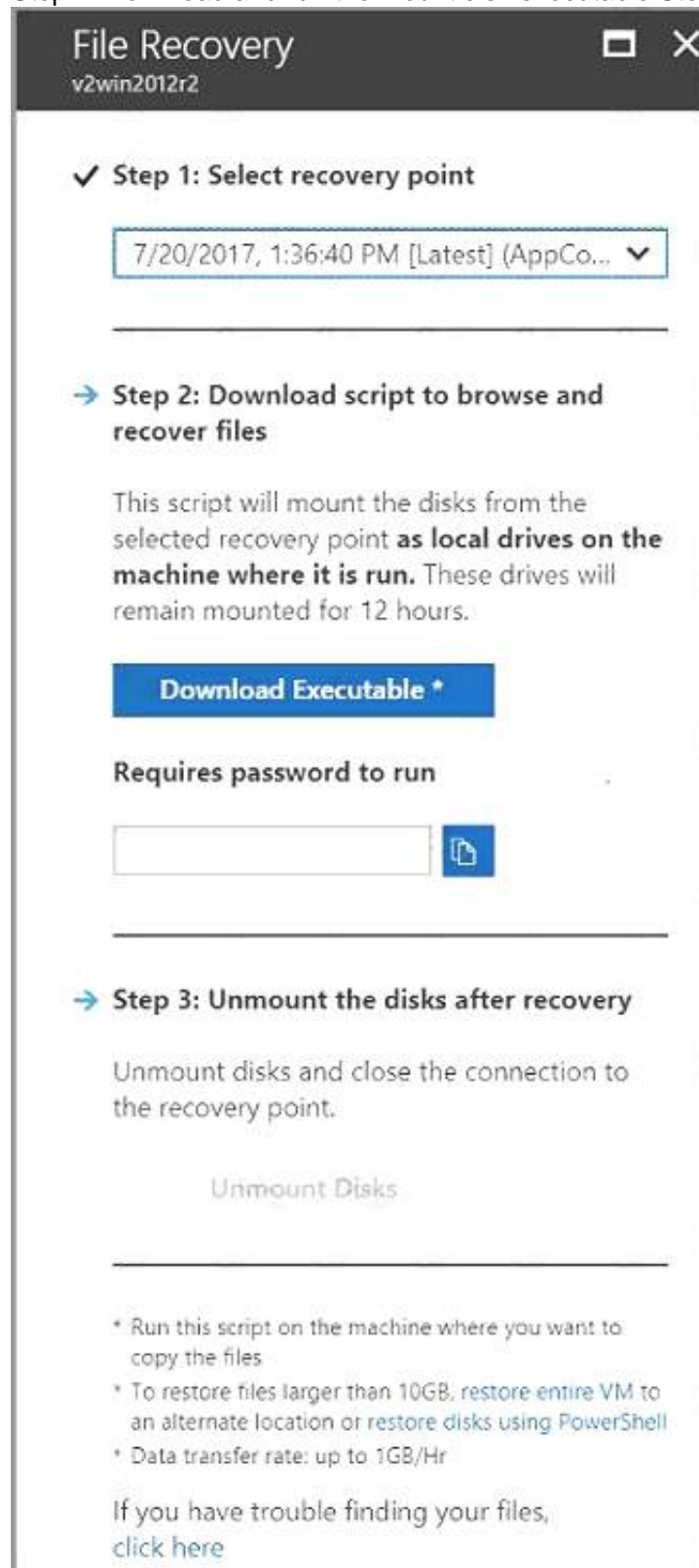
**Answer:** A

**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



**File Recovery**  
v2win2012r2

✓ **Step 1: Select recovery point**


7/20/2017, 1:36:40 PM [Latest] (AppCo... ▼)

→ **Step 2: Download script to browse and recover files**

This script will mount the disks from the selected recovery point **as local drives on the machine where it is run**. These drives will remain mounted for 12 hours.

**Download Executable \***

Requires password to run



→ **Step 3: Unmount the disks after recovery**

Unmount disks and close the connection to the recovery point.

**Unmount Disks**

\* Run this script on the machine where you want to copy the files  
 \* To restore files larger than 10GB, restore entire VM to an alternate location or restore disks using PowerShell  
 \* Data transfer rate: up to 1GB/Hr

If you have trouble finding your files, [click here](#)

**NEW QUESTION 4**

- (Exam Topic 2)

You recently migrated an SAP HANA environment to Azure.

You plan to back up SAP HANA databases to disk on the virtual machines, and then move the backup tiles to Azure Blob storage for retention.

Which command should you run to move the backups to the Blob storage?

- A. backint
- B. robocopy
- C. azcopy
- D. scp

**Answer:** C

**Explanation:**

To store directories and files on Azure storage, one could use CLI or PowerShell. There is also a ready-to-use utility, AzCopy, for copying data to Azure storage.

Reference:

<https://docs.microsoft.com/en-us/azure/virtual-machines/workloads/sap/sap-hana-backup-file-level>

**NEW QUESTION 5**

- (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 6

- (Exam Topic 2)

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 certification for M-Series Azure virtual machines requires that Write Accelerator be enabled on the /hana/data volume.	<input type="radio"/>	<input type="radio"/>
SAP HANA certification for M-Series Azure virtual machines requires that Write Accelerator be enabled on the /hana/log volume.	<input type="radio"/>	<input type="radio"/>
To enable Write Accelerator, you must use Azure Premium managed disks.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: No

Box 2: Yes

The minimum SAP HANA certified conditions for the different storage types are:

Azure Premium SSD - /hana/log is required to be cached with Azure Write Accelerator. The /hana/data volume could be placed on Premium SSD without Azure Write Accelerator or on Ultra disk

Box 3: Yes References:

<https://docs.microsoft.com/en-us/azure/virtual-machines/workloads/sap/hana-vm-operations-storage>

NEW QUESTION 7

- (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.	<input type="radio"/>	<input type="radio"/>
You can use SAP Solution Manager to automate stopping, starting, and deallocating SAP virtual machines.	<input type="radio"/>	<input type="radio"/>
You can use SAP HANA Cockpit to automate stopping, starting, and deallocating SAP virtual machines.	<input type="radio"/>	<input type="radio"/>

- 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.	<input checked="" type="radio"/>	<input type="radio"/>
You can use SAP Solution Manager to automate stopping, starting, and deallocating SAP virtual machines.	<input type="radio"/>	<input checked="" type="radio"/>
You can use SAP HANA Cockpit to automate stopping, starting, and deallocating SAP virtual machines.	<input type="radio"/>	<input checked="" type="radio"/>

**NEW QUESTION 8**

- (Exam Topic 2)

You have an on-premises SAP environment that uses AIX servers and IBM DB2 as the database platform. You plan to migrate SAP to Azure. In Azure, the SAP workloads will use Windows Server and Microsoft SQL Server as the database platform. What should you use to export from DB2 and import the data to SQL Server?

- A. R3load
- B. Azure SQL Data Warehouse
- C. SQL Server Management Studio (SSMS)
- D. R3trans

Answer: C

**Explanation:**

To migrate DB2 databases to SQL Server, you must connect to the DB2 database that you want to migrate. When you connect, SSMA obtains metadata about all DB2 schemas, and then displays it in the DB2 Metadata Explorer pane.

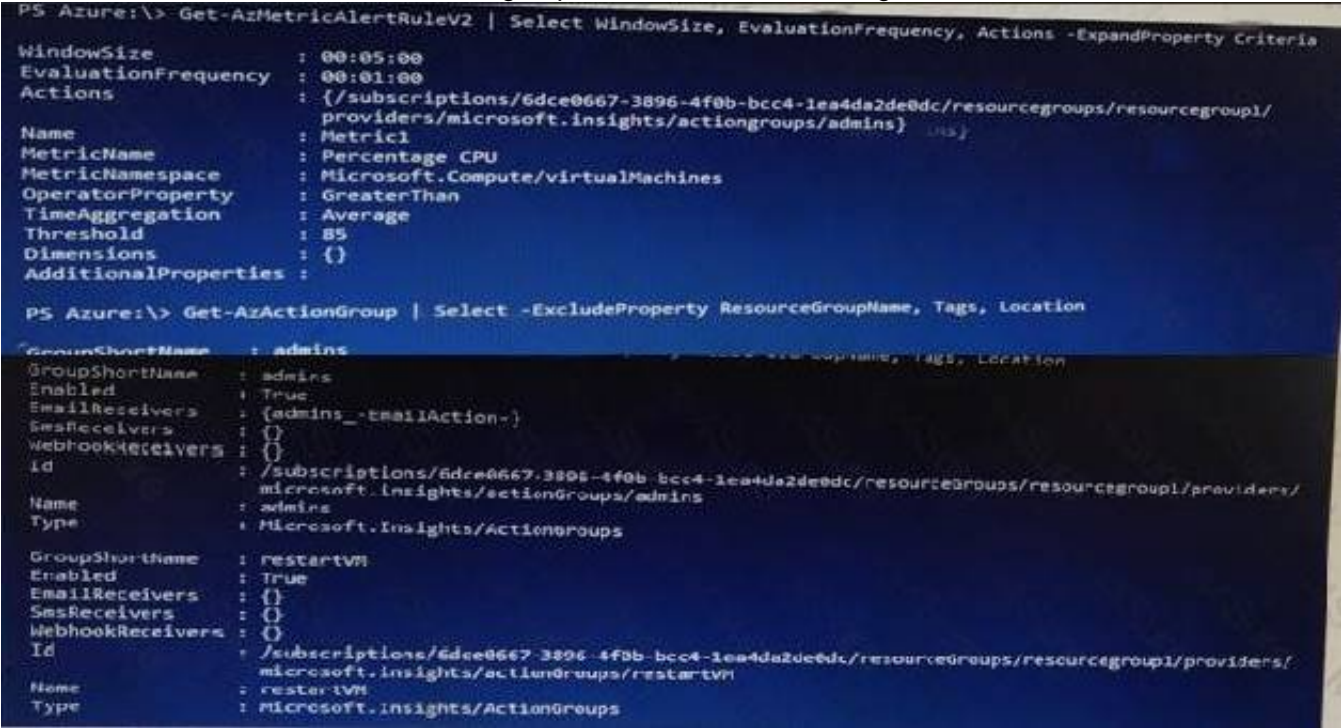
References:

<https://docs.microsoft.com/en-us/sql/ssma/db2/connecting-to-db2-database-db2tosql?view=sql-server-ver15> <https://docs.microsoft.com/en-us/biztalk/adapters-and-accelerators/adapter-sap/import-sap-data-using-sql-server>

**NEW QUESTION 9**

- (Exam Topic 2)

You have an Azure alert rule and action group 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.

Answer Area

The admins action group will be notified if the average CPU usage rises above 85% for [answer choice].

The [answer choice] when the alert is triggered.

One minute

five minutes

one second

These are the selections for the statement. The admins action group will be notified if the average CPU usage rises above 85% for [answer choice].

admins action group will be emailed

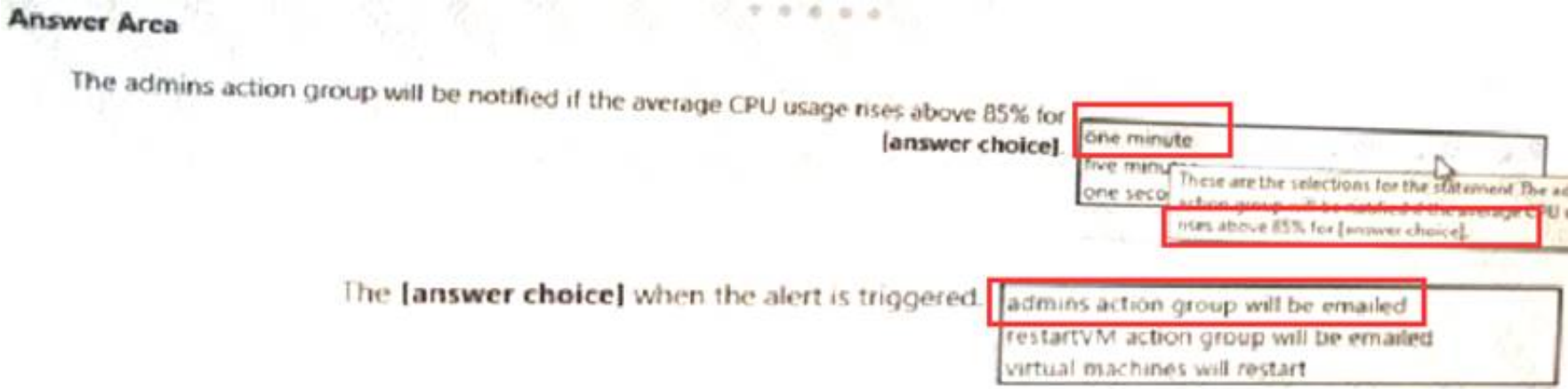
restartVM action group will be emailed

virtual machines will restart

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 10

- (Exam Topic 2)  
You deploy SAP HANA by using SAP HANA on Azure (Large Instances).  
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
You can use SAP HANA Studio to monitor CPU, memory, network, and storage usage for SAP HANA on Azure (Large Instances).	<input type="radio"/>	<input type="radio"/>
Azure Enhanced Monitoring is required to monitor the performance of SAP HANA on Azure (Large Instances).	<input type="radio"/>	<input type="radio"/>
You can use the SAP HANA HW Configuration Check Tool (HWCCT) to monitor SAP HANA running on SAP HANA on Azure (Large Instances).	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: No  
Box 2: Yes  
The SAP Azure Enhanced Monitoring Extension allows for collecting diagnostic data including OS and Application performance counters from Azure VMs running SAP workloads.  
Box 3: No References:  
<http://www.deployazure.com/compute/virtual-machines/sap-azure-enhanced-monitoring-extension/>

NEW QUESTION 10

- (Exam Topic 2)  
This question requires that you evaluate the underlined text to determine if it is correct. You have an SAP environment on Azure that uses Microsoft SQL server as the RDBMS. You plan to migrate to an SAP HANA database.  
To calculate the amount of memory and disk space required for the database, you can use SAP Quick Sizer.  
Instructions: Review the underlined text, If the makes the stamen 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. Azure Migrate
- C. /SDF/HDB\_SIZING
- D. SQL Server Management Studio (SSMS)

Answer: A

NEW QUESTION 14

- (Exam Topic 2)  
You plan to migrate an SAP environment to Azure.  
You need to recommend a solution to migrate the SAP application servers to Azure. The solution must minimize downtime and changes to the environments.  
What should you include in the recommendation?

- A. Azure Storage Explorer
- B. Azure Import/Export service
- C. AzCopy
- D. Azure Site Recovery

Answer: D

**Explanation:**

Site Recovery is used to manage and orchestrate disaster recovery of on-premises machines and Azure VMs. However, it can also be used for migration. Migration uses the same steps as disaster recovery with one exception. In a migration, failing machines over from your on-premises site is the final step. Unlike disaster recovery, you can't fail back to on-premises in a migration scenario.

References:

<https://docs.microsoft.com/en-us/azure/site-recovery/migrate-tutorial-on-premises-azure>

**NEW QUESTION 18**

- (Exam Topic 2)

You deploy an SAP environment on Azure.

Your company has a Service Level Agreement (SLA) of 99.99% for SAP. You implement Azure Availability Zones that have the following components:

- \* Redundant SAP application servers
- \* ASCS/ERS instances that use a failover cluster
- \* Database high availability that has a primary instance and a secondary instance

You need to validate the load distribution to the application servers. What should you use?

- A. SAP Solution Manager
- B. Azure Monitor
- C. SAPControl
- D. SAP Web Dispatcher

**Answer: D**

**Explanation:**

Load balancers. These are used to distribute traffic to virtual machines in the application-tier subnet. For high availability, use the built-in SAP Web Dispatcher, Azure Load Balancer, or network appliances, depending on the traffic type (such as HTTP or SAPGUI) or the required network services, such as Secure Sockets Layer (SSL) termination.

Reference:

<https://docs.microsoft.com/en-us/azure/architecture/reference-architectures/sap/sap-netweaver>

**NEW QUESTION 23**

- (Exam Topic 2)

You have SAP ERP on Azure.

For SAP high availability, you plan to deploy ASCS/ERS instances across Azure Availability Zones and to use failover clusters.

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
To create a failover solution, you can use an Azure Basic Load Balancer for Azure virtual machines deployed across the Azure Availability Zones.	<input type="radio"/>	<input type="radio"/>
You can deploy Azure Availability Sets within an Azure Availability Zone.	<input type="radio"/>	<input type="radio"/>
The solution must use Azure managed disks.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

Box 1: No

You can't use an Azure Basic Load Balancer to create failover cluster solutions based on Windows Server

Failover Clustering or Linux Pacemaker. Instead, you need to use the Azure Standard Load Balancer SKU. Box 2: Yes

Azure Availability Zones is one of the high-availability features that Azure provides. Using Availability Zones improves the overall availability of SAP workloads on Azure.

The SAP application layer is deployed across one Azure availability set. For high availability of SAP Central Services, you can deploy two VMs in a separate availability set.

Box 3: Yes

You must use Azure Managed Disks when you deploy to Azure Availability Zones. Reference:

<https://docs.microsoft.com/en-us/azure/virtual-machines/workloads/sap/sap-ha-availability-zones>

**NEW QUESTION 26**

- (Exam Topic 2)

You plan to deploy SAP application servers that run Windows Server 2016.

You need to use PowerShell Desired State Configuration (DSC) to configure the SAP application server once the servers are deployed.

Which Azure virtual machine extension should you install on the servers?

- A. the Azure DSC VM Extension
- B. the Azure virtual machine extension
- C. the Azure Chef extension



D. the Azure Enhanced Monitoring Extension for SAP

**Answer:** A

**Explanation:**

The Azure Desired State Configuration (DSC) VM Extension is updated as-needed to support enhancements and new capabilities delivered by Azure, Windows Server, and the Windows Management Framework (WMF) that includes Windows PowerShell.

References:

<https://docs.microsoft.com/en-us/powershell/scripting/dsc/getting-started/azuredscenthistory>

**NEW QUESTION 31**

- (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 35**

- (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 deploy an Azure Standard Load balancer. Does this meet the goal?

- A. Yes
- B. No

**Answer:** A

**NEW QUESTION 39**

- (Exam Topic 2)

You migrate an SAP environment to Azure.

You need to inspect all the outbound traffic from the SAP application servers to the Internet. Which two Azure resources should you use? Each correct answer presents part of the solution. Network Performance Monitor

- A. Azure Firewall
- B. Azure Traffic Manager
- C. Azure Load Balancer NAT rules
- D. Azure user-defined routes
- E. a web application firewall (WAF) for Azure Application Gateway

**Answer:** BE

**NEW QUESTION 43**

- (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 46**

- (Exam Topic 2)

You plan to migrate an SAP environment to Azure.

You need to design an Azure network infrastructure to meet the following requirements:

- \* Prevent end users from accessing the database servers.
  - \* Isolate the application servers from the database servers.
  - \* Ensure that end users can access the SAP systems over the internet
- Minimize the costs associated to the communications between the application servers and database servers

Which two actions should you include in the solution? Each correct answer presents pan of the solution. NOTE: Each correct selection is worth one point.

- A. Configure Azure Traffic Manager to route incoming connections.
- B. Configure an infernal Azure Standard Load Balancer for incoming connections.
- C. Segregate the SAP application servers and database servers by using different Azure virtual networks.



- D. In the same Azure virtual network, segregate the SAP application service and database servers by using different subnets and network security groups.
- E. Create a site-to-site VPN between the on premises network and Azure.

**Answer:** DE

**NEW QUESTION 47**

- (Exam Topic 2)

You have an SAP environment on Azure that uses multiple subscriptions.

To meet GDPR requirements, you need to ensure that virtual machines are deployed only to the West Europe and North Europe Azure regions.

Which Azure components should you use?

- A. Azure resource locks and the Compliance admin center
- B. Azure resource groups and role-based access control (RBAC)
- C. Azure management groups and Azure Policy
- D. Azure Security Center and Azure Active Directory (Azure AD) groups

**Answer:** C

**Explanation:**

Azure Policy enables you to set policies to conform to the GDPR. Azure Policy is generally available today at no additional cost to Azure customers. You can use Azure Policy to define and enforce policies that help your cloud environment become compliant with internal policies as well as external regulations.

Azure Policy is deeply integrated into Azure Resource Manager and applies across all resources in Azure. Individual policies can be grouped into initiatives to quickly implement multiple rules. You can also use Azure Policy in a wide range of compliance scenarios, such as ensuring that your data is encrypted or remains in a specific region as part of GDPR compliance. Microsoft is the only hyperscale cloud provider to offer this level of policy integration built in to the platform for no additional charge.

References:

<https://azure.microsoft.com/de-de/blog/new-capabilities-to-enable-robust-gdpr-compliance/>

**NEW QUESTION 52**

- (Exam Topic 2)

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 AD Connect is required to sign into Linux virtual machines hosted in Azure.	<input type="radio"/>	<input type="radio"/>
An SAP application server that runs on a Linux virtual machine in Azure must be joined to Active Directory.	<input type="radio"/>	<input type="radio"/>
Before you can sign into an SAP application server that runs on a Linux virtual machine in Azure, you must create a Managed Service Identity (MSI).	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Box 1: No

To log in to a Linux VM with Azure AD credentials, install the Azure Active Directory login VM extension. Note: Azure AD Connect is the Microsoft tool designed to meet and accomplish your hybrid identity goals. Box 2: Yes

If you deploy SAP VMs in a cross-premises scenario, where on-premises Active Directory and DNS are extended in Azure, it is expected that the VMs are joining an on-premises domain.

Box 3: No

References:

<https://docs.microsoft.com/en-us/azure/virtual-machines/workloads/sap/deployment-guide>

**NEW QUESTION 57**

- (Exam Topic 2)

You plan to deploy a high availability SAP environment that will use a failover clustering solution.

You have an Azure Resource Manager template that you will use for the deployment. You have the following relevant portion of the template.

```
{
  "apiVersion": "2017-08-01",
  "type": "Microsoft.Network/loadBalancers",
  "name": "load_balancer1",
  "location": "region",
  "sku": {
    "name": "Standard"
  },
  "properties": {
    "frontendIPConfigurations": [
      {
        "name": "frontend1",
        "zones": [ "1" ],
        "properties": {
          "subnet": {
            "Id": "[variables('subnetRef')]"
          },
          "privateIPAddress": "10.0.0.6",
          "privateIPAllocationMethod": "Static"
        }
      }
    ]
  }
}
```

What is created by the template?

- A. a zonal frontend IP address for the internal Azure Standard Load Balancer
- B. a zone-redundant frontend IP address for the internal Azure Basic Load Balancer
- C. a zone -redundant public IP address for the internal load balancer
- D. a zone-redundant frontend IP address for the internal Azure Standard Load Balancer

**Answer:** D

**Explanation:**

Reference:

<https://docs.microsoft.com/en-us/azure/virtual-machines/workloads/sap/high-availability-guide-standard-load-ba>

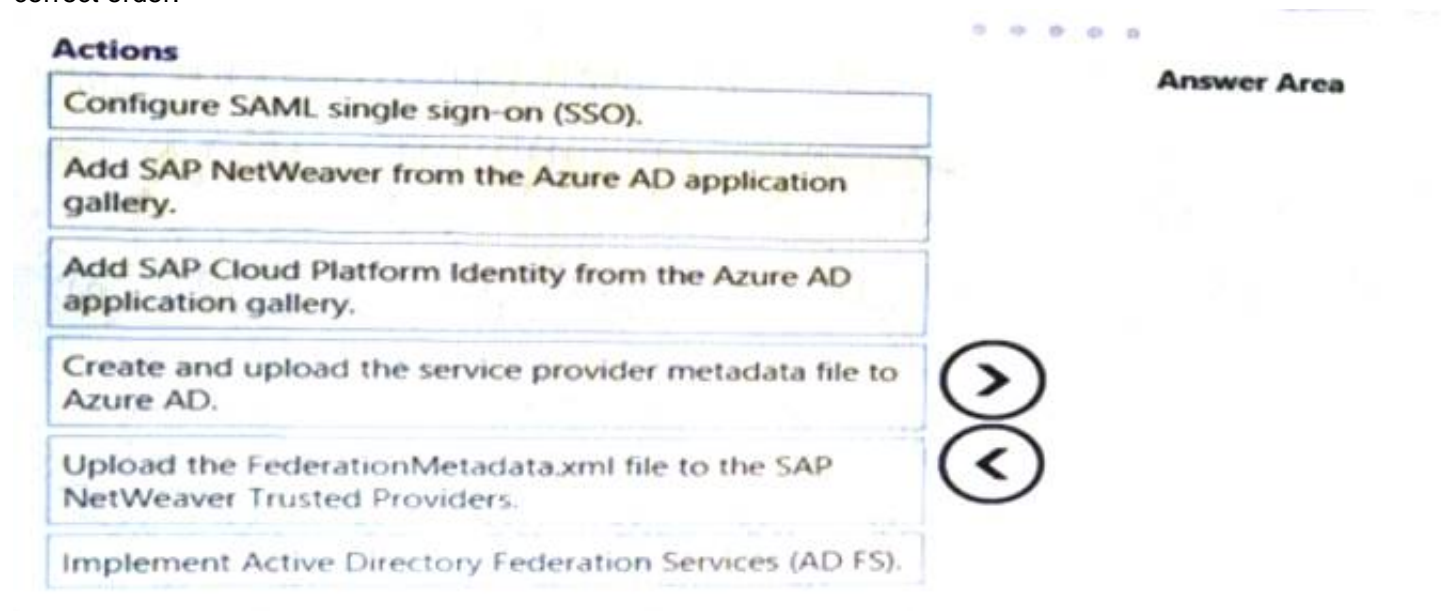
#### NEW QUESTION 59

- (Exam Topic 2)

You deploy an SAP environment on Azure.

You need to configure SAP NetWeaver to authenticate by using Azure Active Directory (Azure AD).

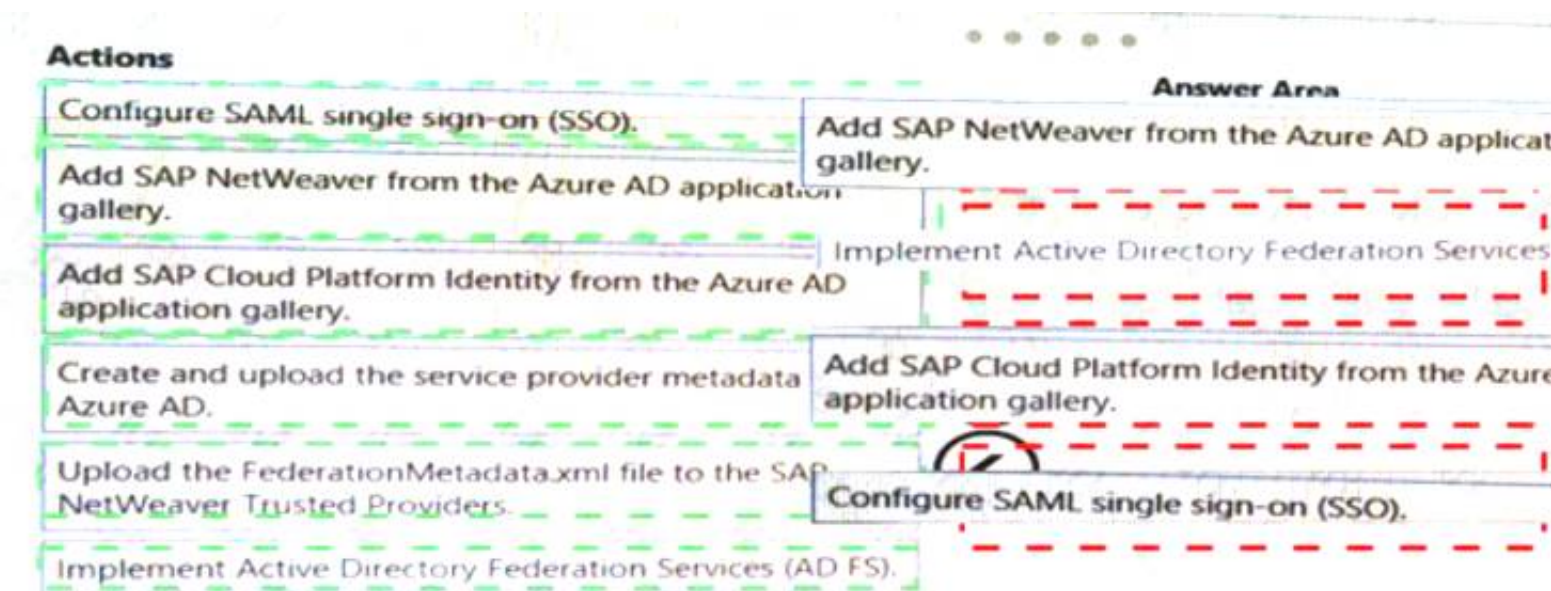
Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.



- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**



#### NEW QUESTION 61

- (Exam Topic 2)

You are deploying an SAP production landscape to Azure.

Your company's chief information security officer (CISO) requires that the SAP deployment complies with ISO 27001.

You need to generate a compliance report for ISO 27001. What should you use?

- A. Azure Security Center
- B. Azure Log Analytics
- C. Azure Active Directory (Azure AD)
- D. Azure Monitor

**Answer: A**

#### NEW QUESTION 63

- (Exam Topic 2)

You are planning high availability for an SAP environment on Azure. The SAP environment will use datacenters in two different zones.

Testing shows that the latency between the two zones supports synchronous DBMS replication.

You need to design a solution to ensure that SAP services are available if an Azure datacenter within a zone fails. The solution must meet the following requirements:

- \* Provide automatic failover
- \* Minimize costs

Which high availability configuration meets the requirements?

- A. Azure Availability Zones with an active/passive deployment
- B. Azure Site Recovery
- C. Azure Availability Sets with active/passive clustering
- D. Azure Availability Sets with active/active clustering

**Answer: D**

#### NEW QUESTION 65

- (Exam Topic 2)

You are deploying an SAP environment on Azure that will use an SAP HANA database server.

You provision an Azure virtual machine for SAP HANA by using the M64s virtual machine SKU.

You need to set the swap space by using the Microsoft Azure Linux Agent (waagent) configuration file. Which two settings should you configure? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. ResourceDisk.EnableSwapEncryption=n
- B. AutoUpdate.Enabled=n
- C. ResourceDisk.SwapSizeMB=229376
- D. ResourceDisk.EnableSwap=y

**Answer: CD**

#### Explanation:

To create a swap file in the directory that's defined by the ResourceDisk.MountPoint parameter, you can update the /etc/waagent.conf file by setting the following three parameters:

ResourceDisk.Format=y ResourceDisk.EnableSwap=y ResourceDisk.SwapSizeMB=xx References:

<https://support.microsoft.com/en-us/help/4010058/how-to-add-a-swap-file-in-linux-azure-virtual-machines>

#### NEW QUESTION 66

- (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 70

- (Exam Topic 2)  
You have an SAP environment on Azure.  
You use Azure Site Recovery to protect an SAP production landscape.  
You need to validate whether you can recover the landscape in the event of a failure. The solution must minimize the impact on the landscape.  
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

Validate the SAP production landscape

Create a virtual network that has the same subnets as the SAP production landscape

Create a network security group (NSG) that restricts traffic to the primary region

Shut down production virtual machines

Select **Test failover** from the Recovery Plans blade

Add a public IP address to a management server in the disaster recovery region

Answer Area

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Step 1: Create a virtual network...

We recommended that for test failover, you choose a network that's isolated from the production recovery site network specific in the Compute and Network settings for each VM. By default, when you create an Azure virtual network, it is isolated from other networks. The test network should mimic your production network:

The test network should have same number of subnets as your production network. Subnets should have the same names.

The test network should use the same IP address range. Step 2: Add a public IP address...

Because Site Recovery does not replicate the cloud witness, we recommend that you deploy the cloud witness in the disaster recovery region.

Step 3: Shut down production virtual machines

Make sure that the primary VM is shut down when you run the test failover. Otherwise there will be two VMs with the same identity, running in the same network at the same time. This can lead to unexpected consequences.

Step 4: Select Test failover from the Recovery Plans blade References:

<https://docs.microsoft.com/en-us/azure/site-recovery/site-recovery-test-failover-to-azure>

**NEW QUESTION 71**

- (Exam Topic 2)

You are building an SAP environment by using Azure Resource Manager templates. The SAP environment will use Linux virtual machines.

You need to correlate the LUN of the data disks in the template to the volume of the virtual machines. Which command should you run/

- A. Is /dev/ disk/azure/root
- B. Is /dev/ disk/azure/scsil
- C. Tree /dev/ disk/azure/root
- D. Tree /dev/disk/azure/resource

**Answer:** C

**NEW QUESTION 75**

- (Exam Topic 2)

You plan to migrate an on-premises SAP development system to Azure.

Before the migration, you need to check the usage of the source system hardware, such as CPU, memory, network, etc.

Which transaction should you run from SAP GUI?

- A. SM51
- B. DB01
- C. DB12
- D. OS07N

**Answer:** D

**Explanation:**

SAP transaction OS07N (Remote Operating System Activity) is classified in the Basis Component module under application component Operating System Monitors and runs Monitoring Operating System program RSHOST1N upon execution.

**NEW QUESTION 78**

- (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.

The cost of your storage account depends on the usage and the options you choose below.  
[Learn more](#)

Account kind  
 StorageV2 (general purpose v2)

Performance ⓘ  
☒ Standard ☐ Premium

\* Secure transfer required ⓘ  
☐ Disabled ☒ Enabled

Access tier (default) ⓘ  
☒ Cool ☐ Hot

Replication ⓘ  
 Geo-redundant storage (GRS) ▼

Azure Active Directory authentication for Azure Files (Preview) ⓘ  
☒ Disabled ☐ Enabled

Data Lake Storage Gen2  
 Hierarchical namespace ⓘ  
☒ Disabled ☐ Enabled

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.

Data in the storage account is stored on [answer choice].

Backups will be replicated [answer choice].

- 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 82**

- (Exam Topic 2)

You plan to deploy an SAP environment on Azure that will use Azure Availability Zones. Which load balancing solution supports the deployment?

- A. Azure Basic Load Balancer
- B. Azure Standard Load Balancer
- C. Azure Application Gateway v1 SKU

**Answer: B**

**Explanation:**

When you deploy Azure VMs across Availability Zones and establish failover solutions within the same Azure region, some restrictions apply:

> You can't use an Azure Basic Load Balancer to create failover cluster solutions based on Windows Server Failover Clustering or Linux Pacemaker. Instead, you need to use the Azure Standard Load Balancer SKU.  
References:  
<https://docs.microsoft.com/en-us/azure/virtual-machines/workloads/sap/sap-ha-availability-zones>

**NEW QUESTION 87**

- (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.	<input type="radio"/>	<input type="radio"/>
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.	<input type="radio"/>	<input type="radio"/>
Active Directory Federation Services (AD FS) can be used to enable MFA for on-premises users.	<input type="radio"/>	<input type="radio"/>

- 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 90**

- (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 95**

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