

# Microsoft

## Exam Questions AZ-120

Planning and Administering Microsoft Azure for SAP Workloads



**NEW QUESTION 1**

- (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 DevTest Labs.

**Answer: D**

**Explanation:**

Relevant use cases Dev/test environments for SAP workloads on Azure. Noncritical SAP nonproduction workloads (such as 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 2**

- (Exam Topic 2)

You plan to deploy an SAP environment on Azure. During a bandwidth assessment, you identify that connectivity between Azure and an on-premises datacenter requires up to 5 Gbps. You need to identify which connectivity method you must implement to meet the bandwidth requirement. The solution must minimize costs. Which connectivity method should you identify?

- A. an ExpressRoute connection
- B. an Azure site-to-site VPN that is route-based
- C. an Azure site-to-site VPN that is policy-based
- D. Global VNet peering

**Answer: B**

**Explanation:**

Azure site-to-site VPN is cheaper. References: <https://docs.microsoft.com/en-us/azure/architecture/reference-architectures/hybrid-networking/vpn>

**NEW QUESTION 3**

- (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 files 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 4**

- (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.

**Answer Area**

Statements	Yes	No
You can use NIPING to examine network latency between an SAP HANA database server and an SAP application server hosted on Azure.	<input type="radio"/>	<input checked="" type="radio"/>
You can use LoadRunner to generate traffic between a client and an SAP application server hosted on Azure.	<input type="radio"/>	<input checked="" type="radio"/>
You can use the SAP HANA HW Configuration Check Tool (HWCCT) to examine network latency between an SAP HANA database server and an SAP application server hosted on Azure.	<input type="radio"/>	<input checked="" type="radio"/>

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

**Answer Area**

Statements	Yes	No
You can use NIPING to examine network latency between an SAP HANA database server and an SAP application server hosted on Azure.	<input checked="" type="radio"/>	<input type="radio"/>
You can use LoadRunner to generate traffic between a client and an SAP application server hosted on Azure.	<input type="radio"/>	<input checked="" type="radio"/>
You can use the SAP HANA HW Configuration Check Tool (HMCCT) to examine network latency between an SAP HANA database server and an SAP application server hosted on Azure.	<input type="radio"/>	<input checked="" type="radio"/>

**NEW QUESTION 5**

- (Exam Topic 2)

Your on-premises network contains an Active Directory domain.

You have an SAP environment on Azure that runs on SUSE Linux Enterprise Server (SLES) servers. You configure the SLES servers to use domain controllers as their NTP servers and their DNS servers. You need to join the SLES servers to the Active Directory domain.

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
Add realm details to /etc/krb5.conf and /etc/samba/smb.conf	
Shut down the following services: smb, nmbd, and winbindd	
Run net ads join -U administrator	⬅️
Run net rpc join -U administrator	➡️
Install the samba-winbind package	⬆️

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Step 1: Install the samba-winbind package  
 Install samba-winbind  
 Step 2: Add realm details to /etc/krb5.conf and /etc/samba/smb.conf  
 Edit files - best way to do this is to use yast on test machine and copy files from it  
 In following examples you need to replace EXAMPLE/EXAMPLE.COM/.example.com with your values/settings  
 /etc/samba/smb.conf [global]  
 workgroup = EXAMPLE  
 usershare allow guests = NO #disallow guests from sharing idmap gid = 10000-20000  
 idmap uid = 10000-20000  
 kerberos method = secrets and keytab realm = EXAMPLE.COM  
 security = ADS  
 template homedir = /home/%D/%U template shell = /bin/bash  
 winbind offline logon = yes winbind refresh tickets = yes  
 /etc/krb5.conf [libdefaults]  
 default\_realm = EXAMPLE.COM clocks skew = 300  
 [realms] EXAMPLE.COM = {  
 kdc = PDC.EXAMPLE.COM  
 default\_domain = EXAMPLE.COM admin\_server = PDC.EXAMPLE.COM  
 }  
 Step 3: Run net ads join -U administrator  
 Join the SLES 12 Server to the AD domain  
 References:  
<https://www.suse.com/support/kb/doc/?id=7018461>

**NEW QUESTION 6**

- (Exam Topic 2)

You have an Azure subscription.

Your company has an SAP environment that runs on SUSE Linux Enterprise Server (SLES) servers and SAP HANA. The environment has a primary site and a disaster recovery site. Disaster recovery is based on SAP HANA system replication. The SAP ERP environment is 4 TB and has a projected growth of 5% per month. The company has an uptime Service Level Agreement (SLA) of 99.99%, a maximum recovery time objective (RTO) of four hours, and a recovery point objective (RPO) of 10 minutes.

You plan to migrate to Azure.

You need to design an SAP landscape for the company. Which options meet the company's requirements?

- A. Azure virtual machines and SLES for SAP application serversSAP HANA on Azure (Large Instances) that uses SAP HANA system replication for high availability and disaster recovery
- B. ASCS/ERS and SLES clustering that uses the Pacemaker fence agent SAP application servers deployed to an Azure Availability ZoneSAP HANA on Azure (Large Instances) that uses SAP HANA system replication for database high availability and disaster recovery
- C. SAP application instances deployed to an Azure Availability SetSAP HANA on Azure (Large Instances) that uses SAP HANA system replication for database high availability and disaster recovery
- D. ASCS/ERS and SLES clustering that uses the Azure fence agent SAP application servers deployed to an Azure Availability SetSAP HANA on Azure (Large Instances) that uses SAP HANA system replication for database high availability and disaster recovery

**Answer: B**

**Explanation:**

With Availability Zones, Azure offers industry best 99.99% VM uptime SLA. References:  
<https://docs.microsoft.com/en-us/azure/traffic-manager/traffic-manager-faqs>

**NEW QUESTION 7**

- (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 8**

- (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 9**

- (Exam Topic 2)

Your on-premises network contains an Active Directory domain. You are deploying a new SAP environment on Azure.

You need to configure SAP Single Sign-On to ensure that users can authenticate to SAP GUI and SAP WebGUI.

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.

The screenshot shows an exam interface with two main sections: 'Actions' and 'Answer Area'. The 'Actions' list contains five items:

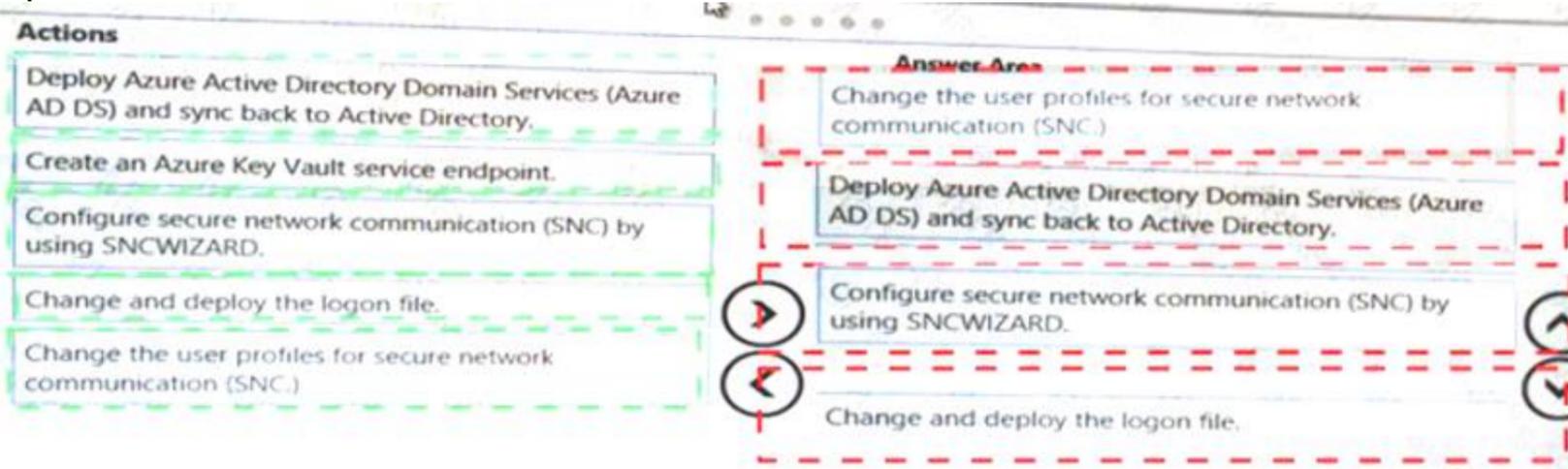
- Deploy Azure Active Directory Domain Services (Azure AD DS) and sync back to Active Directory.
- Create an Azure Key Vault service endpoint.
- Configure secure network communication (SNC) by using SNCWIZARD.
- Change and deploy the logon file.
- Change the user profiles for secure network communication (SNC.)

Below the actions list are two circular arrows, one pointing right and one pointing left, indicating that the actions can be moved and ordered. The 'Answer Area' is currently empty.

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**



**NEW QUESTION 10**

- (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 have a complex SAP environment that has both ABAP- and Java-based systems. The current on-premises landscapes are based on SAP NetWeaver 7.0 (Unicode and Non-Unicode) running on Windows Server and Microsoft SQL Server.

You need to migrate the SAP environment to a HANA-certified Azure environment.

Solution: You migrate SAP to Azure by using Azure Site Recovery, and then you upgrade to SAP NetWeaver 7.4.

Does this meet the goal?

- A. Yes
- B. No

**Answer:** B

**Explanation:**

We need upgrade to SAP NetWeaver 7.4 before the migration. Reference:  
<https://docs.microsoft.com/en-us/azure/site-recovery/vmware-azure-architecture>

**NEW QUESTION 10**

- (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).	<input type="radio"/>	<input type="radio"/>
SAP HANA supports OAuth2 authentication for single-sign on (SSO).	<input type="radio"/>	<input type="radio"/>
You can use Azure role-based access control (RBAC) to provide users with the ability to sign in to SAP HANA.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

**Answer:** A

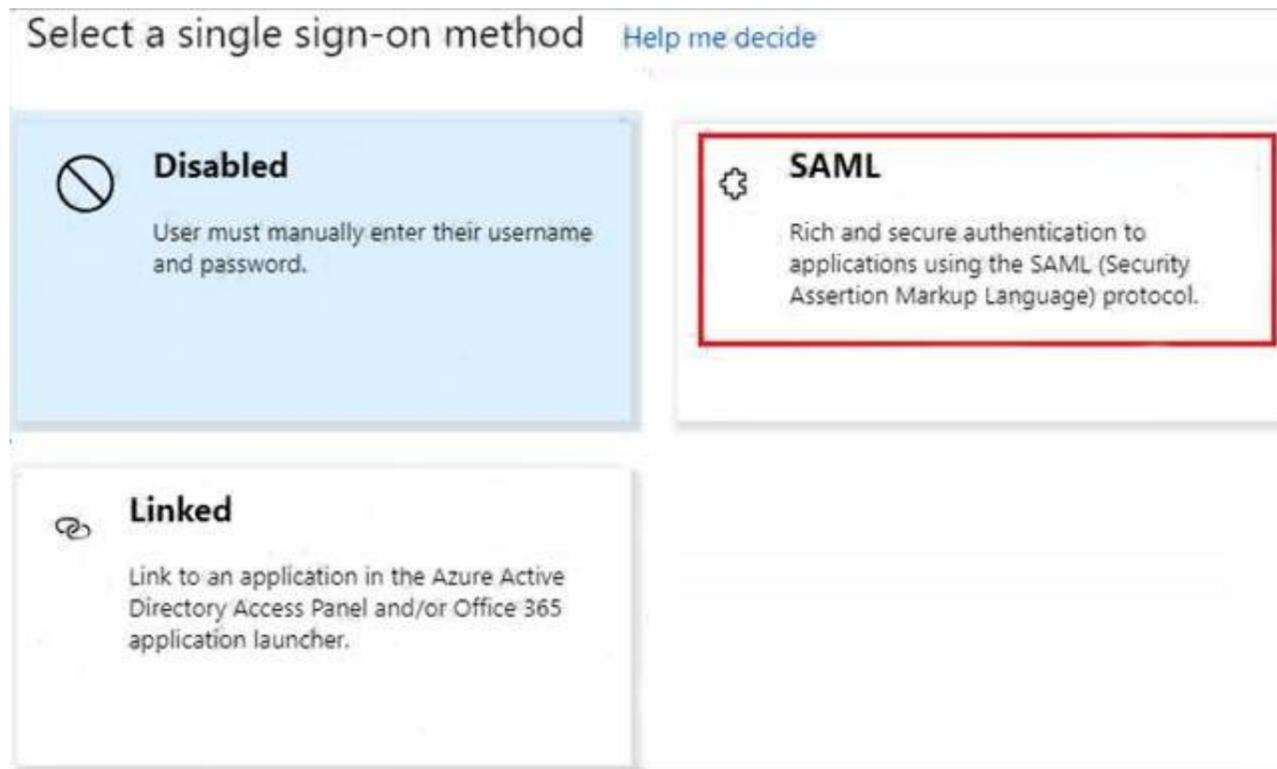
**Explanation:**

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 11

- (Exam Topic 2)

You deploy on SAP environment on Azure.

You need to monitor the performance of the SAP NetWeaver environment by using the Azure Enhanced Monitoring Extension for What should you do first?

- A. From Azure CLI, install the Linux Diagnostic Extension.
- B. From the Azure portal, enable the Azure Network Watcher Agent.
- C. From the Azure portal, enable the Custom Script Extension.
- D. From Azure CL
- E. run the `az v aem m set` command.

**Answer: B**

#### NEW QUESTION 12

- (Exam Topic 2)

You plan to migrate an SAP environment to Azure.

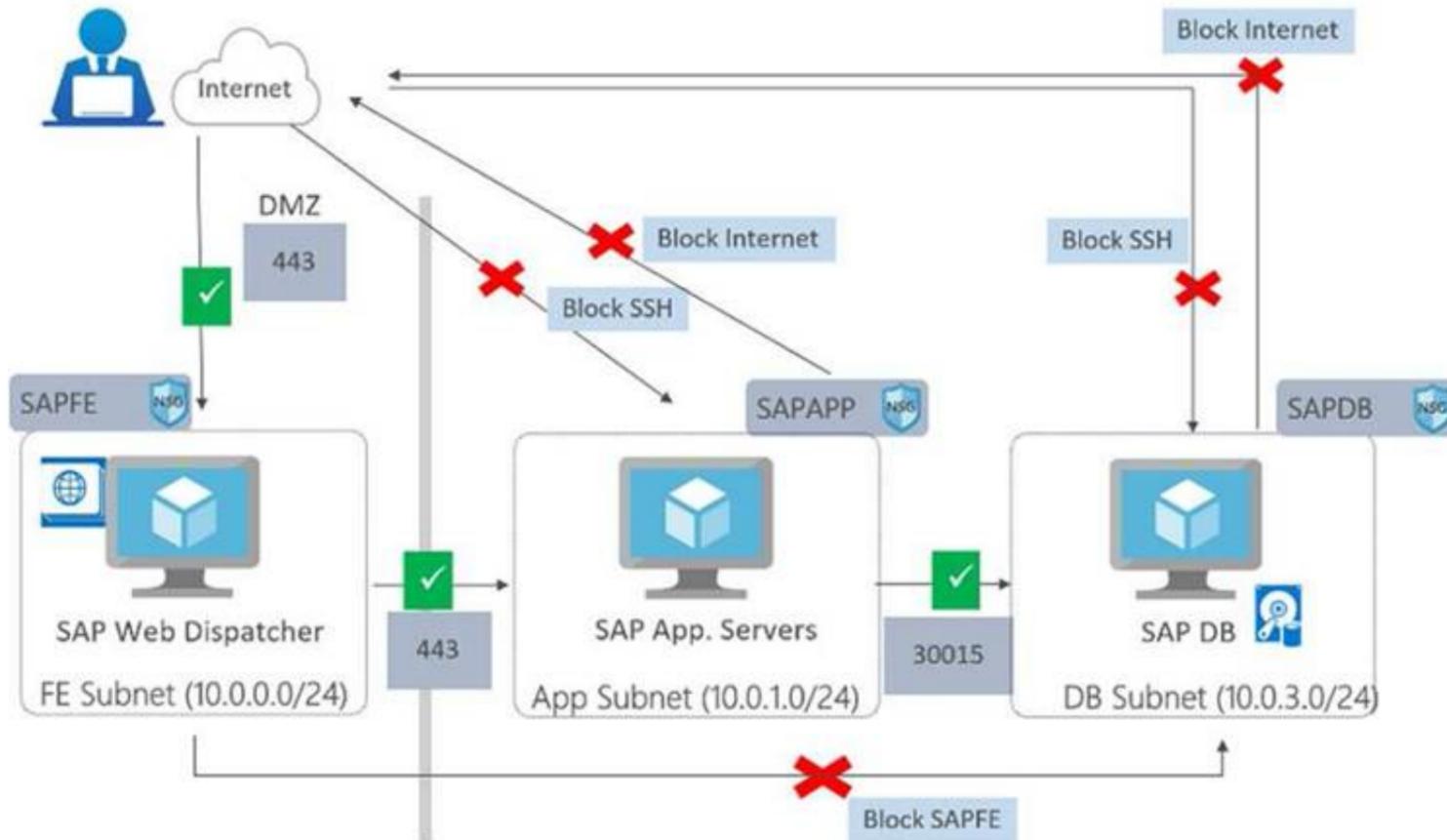
You need to create a design to facilitate end-user access to SAP applications over the Internet, while restricting user access to the virtual machines of the SAP application servers. What should you include in the design?

- A. Configure a public IP address for each SAP application server
- B. Deploy an internal Azure Standard Load Balancer for incoming connections
- C. Use an SAP Web Dispatcher to route all incoming connections
- D. Configure point-to-site VPN connections for each user

**Answer: C**

#### Explanation:

- A public internet user can reach the SAP Web-Dispatcher over port 443
- The SAP Web-Dispatcher can reach the SAP Application server over port 443
- The App Subnet accepts traffic on port 443 from 10.0.0.0/24
- The SAP Application server sends traffic on port 30015 to the SAP DB server
- The DB subnet accepts traffic on port 30015 from 10.0.1.0/24.
- Public Internet Access is blocked on both App Subnet and DB Subnet.



References:  
<https://azure.microsoft.com/en-in/blog/sap-on-azure-architecture-designing-for-security/>

**NEW QUESTION 15**

- (Exam Topic 2)

Your company has 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 16**

- (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 19**

- (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 22**

- (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 23**

- (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 28**

- (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 29**

- (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 high availability configuration of the ASCS/ERS cluster.

What should you use?

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

**Answer: B**

**Explanation:**

C: You can use SAPControl to start or stop an SAP system from the command line. References:

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

**NEW QUESTION 30**

- (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.

**Actions**

- Configure SAML single sign-on (SSO).
- Add SAP NetWeaver from the Azure AD application gallery.
- Add SAP Cloud Platform Identity from the Azure AD application gallery.
- Create and upload the service provider metadata file to Azure AD.
- Upload the FederationMetadata.xml file to the SAP NetWeaver Trusted Providers.
- Implement Active Directory Federation Services (AD FS).

**Answer Area**

Navigation arrows: > <

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

**Actions**

- Configure SAML single sign-on (SSO).
- Add SAP NetWeaver from the Azure AD application gallery.
- Add SAP Cloud Platform Identity from the Azure AD application gallery.
- Create and upload the service provider metadata file to Azure AD.
- Upload the FederationMetadata.xml file to the SAP NetWeaver Trusted Providers.
- Implement Active Directory Federation Services (AD FS).

**Answer Area**

- Add SAP NetWeaver from the Azure AD application gallery.
- Implement Active Directory Federation Services (AD FS).
- Add SAP Cloud Platform Identity from the Azure application gallery.
- Configure SAML single sign-on (SSO).

Navigation arrows: > <

**NEW QUESTION 34**

- (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.

**Actions**

- Build the training landscape
- Create a custom image by using the snapshot
- Deliver the training
- Take a snapshot of the virtual machine disks
- Shut down and delete the virtual machines

**Answer Area**

Navigation arrows: < > < >

- 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)

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
Enabling Accelerated Networking on an SAP application server will decrease CPU usage.	<input type="radio"/>	<input type="radio"/>
Enabling Accelerated Networking on an SAP application server will increase jitter.	<input type="radio"/>	<input type="radio"/>
You can enable Accelerated Networking on any Azure virtual machine.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

Box 1: Yes

By moving much of Azure's software-defined networking stack off the CPUs and into FPGA-based SmartNICs, compute cycles are reclaimed by end user applications, putting less load on the VM, decreasing jitter and inconsistency in latency.

Box 2: Yes

Box 3: No

Accelerated Networking (AN) is generally available (GA) and widely available for Windows and the latest distributions of Linux

References:

<https://azure.microsoft.com/en-us/blog/maximize-your-vm-s-performance-with-accelerated-networking-now-ge>

**NEW QUESTION 41**

- (Exam Topic 2)

You plan to migrate an SAP HANA instance to Azure.

You need to gather CPU metrics from the last 24 hours from the instance. Solution: You use Monitoring from the SAP HANA Cockpit.

Does this meet the goal?

- A. Yes
- B. No

**Answer: A**

**Explanation:**

The SAP HANA cockpit provides a single point of access to a range of SAP HANA administration and monitoring tasks. It is used to monitor and ensure the overall health of the system.

The HANA Monitoring dashboard also visualizes key HANA Metrics of SAP HANA system. Reference:

<https://developers.sap.com/tutorials/dt-monitoring-hana-part1.html> <https://help.sap.com/viewer/afa922439b204e9caf22c78b6b69e4f2/2.10.0.0/en-US>

<https://www.hanatutorials.com/p/hana-monitoring-dashboard.html>

**NEW QUESTION 43**

- (Exam Topic 2)

You are validating an SAP HANA on Azure (Large Instances) deployment.

You need to ensure that sapconf is installed and the kernel parameters are set appropriately for the active profile.

How should you complete the commands? To answer, drag the appropriate values to the correct targets. Each value 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.

**Values**

- 
- 
- 
- 
- 
- 
- 

**Answer Area**

```
osprompt> more /etc/sysconfig/ 
osprompt> more /usr/lib/tuned/  /tuned.conf
```

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Box 1: sapconf  
 The configuration is split into two parts:  
 /etc/sysconfig/sapconf  
 /usr/lib/tuned//tuned.conf  
 Box 2: tuned References:  
<https://www.suse.com/c/sapconf-a-way-to-prepare-a-sles-system-for-sap-workload-part-2/>

**NEW QUESTION 45**

- (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 ⓘ

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]**.

▼

hard disk drives (HDDs)

premium solid-state drives (SSDs)

standard solid-state drives (SSDs)

Backups will be replicated  
**[answer choice]**.

▼

to a storage cluster in the same datacenter

to another Azure region

to another zone within the same Azure region

- 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 47**

- (Exam Topic 2)

You migrate SAP ERP Central Component (SAP ECC) production and non-production landscapes to Azure. You are licensed for SAP Landscape Management (LaMa).

You need to refresh from the production landscape to the non-production 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		Answer Area
From the Azure portal, create a service principal		
From the Cloud Managers tab in LaMa, add an adapter		
From SAP Solution Manager, deploy the LaMa adapter	⏪	⏩
Add permissions to the service principal	⏩	⏪
Install and configure LaMa on an SAP NetWeaver instance		

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Step 1: From the Azure portal, create a service principal

The Azure connector can use a Service Principal to authorize against Microsoft Azure. Follow these steps to create a Service Principal for SAP Landscape Management (LaMa).

Step 2: Add permissions to the service principal

The Service Principal does not have permissions to access your Azure resources by default. You need to give the Service Principal permissions to access them.

Step 3: From the Cloud Managers tab in LaMa, add an adapter Create a new connector in SAP LaMa

Open the SAP LaMa website and navigate to Infrastructure. Go to tab Cloud Managers and click on Add. Select the Microsoft Azure Cloud Adapter

Step 4: Install and configure LaMa on an SAP NetWeaver instance Provision a new adaptive SAP system

You can manually deploy a new virtual machine or use one of the Azure templates in the quickstart repository. It contains templates for SAP NetWeaver ASCS, SAP NetWeaver application servers, and the database. You can also use these templates to provision new hosts as part of a system copy/clone etc.  
 Note: To support customers on their journey into a cloud model (hybrid or entirely public cloud), SAP and Microsoft partnered to create an adapter that integrates the SAP management capabilities of LaMa with the IaaS advantages of Microsoft Azure.  
 References:  
<https://docs.microsoft.com/en-us/azure/virtual-machines/workloads/sap/lama-installation>

**NEW QUESTION 51**

- (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 54**

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