

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 1)

You need to ensure that you can receive technical support to meet the technical requirements. What should you deploy to Azure?

- A. SAP Landscape Management (LaMa)
- B. SAP Gateway
- C. SAP Web Dispatcher
- D. SAPRouter

Answer: A

Explanation:

Scenario: Ensure that SAP can provide technical support for all the SAP landscapes deployed to Azure. References:
<https://blogs.sap.com/2019/07/22/sap-landscape-management-on-microsoft-azure-part-1/>

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.

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

⏪

⏩

⏴

⏵

- 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


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→ 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 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.

Tools	Answer Area
SAP heterogeneous system copy	To migrate the SAP ERP system: <input type="text"/>
Software Update Manager (SUM) Database Migration Option (DMO) with System Update	To migrate the portal: <input type="text"/>
Software Update Manager (SUM) Database Migration Option (DMO) with System Move	
Software Update Manager (SUM) Database Migration Option (DMO) without System Update	

- 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)

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 7

- (Exam Topic 2)

You have an SAP environment that contains the following components:

* Enhancement Package 6 for SAP ERP Central Component 6.0 (SAP ECC 6.0)

* Servers that runs SUSE Linux Enterprise Server 12 (SLES 12)

* Databases on IBM Db2 10.5

* SAP Solution Manager 7.1

You plan to migrate the SAP environment 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
The version of SAP Solution Manager supports deployment to Azure.	<input type="radio"/>	<input type="radio"/>
The version of SAP ECC supports deployment to Azure.	<input type="radio"/>	<input type="radio"/>
The DB2 databases must be migrated to a different database platform before migrating to Azure.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Yes

Box 2: No

Upgrade to ECC 7.01 or later. Box 3: No

With Microsoft Azure, you can migrate your existing SAP application running on IBM Db2 for Linux, UNIX, and Windows (LUW) to Azure virtual machines. With SAP on IBM Db2 for LUW, administrators and developers can still use the same development and administration tools, which are available on-premises.

Reference:

<https://docs.microsoft.com/en-us/azure/data-factory/connector-sap-table> https://docs.microsoft.com/en-us/azure/virtual-machines/workloads/sap/dbms_guide_ibm

NEW QUESTION 8

- (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 9

- (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 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 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 DBA Cockpit from SAP GUI.

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. References:

<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 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 as 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 13

- (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 (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"/>

NEW QUESTION 15

- (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: smbd, 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 17

- (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 20

- (Exam Topic 2)

You have a n SAP environment on Azure.

Your on-premises network uses a 1-Gbps ExpressRoute 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 ExpressRoute 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 22

- (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 24

- (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 28

- (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.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 33

- (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 37

- (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 38

- (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 43

- (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 47

- (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
Oracle Real Application Clusters (RAC) can be used to provide high availability of SAP databases on Azure.	<input type="radio"/>	<input type="radio"/>
You can host SAP databases on Azure by using Oracle on a virtual machine that runs Windows Server 2016.	<input type="radio"/>	<input type="radio"/>
You can host SAP databases on Azure by using Oracle on a virtual machine that runs SUSE Linux Enterprise Server 12 (SLES 12).	<input type="radio"/>	<input type="radio"/>

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Box 1: Yes

Box 2: Yes

Oracle Database 12c Release 2 (12.2) is certified on Microsoft Windows Server 2016 (Standard, Datacenter, and Essentials Editions), which includes support for the database client, server, and Oracle Real Application Clusters.

Organizations can run SAP applications with Oracle databases on the same code base on Unix, Linux, and Windows operating systems.

Box 3: Yes References:

<https://docs.microsoft.com/en-us/azure/virtual-machines/workloads/oracle/oracle-overview> <https://docs.oracle.com/en/database/oracle/oracle-database/12.2/ntdbn/index.html#>

NEW QUESTION 48

- (Exam Topic 2)

You are migrating SAP to Azure. The ASCS application servers are in one Azure zone, and the SAP database server in in a different Azure zone. ASCS/ERS is configured for high availability.

During performance testing, you discover increased response times in Azure, even though the Azure environment has better computer and memory configurations than the on-premises environment. During the initial analysis, you discover an increased wait time for Enqueue.

What are three possible causes of the increased wait time? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. a missing Enqueue profile
B. disk I/O during Enqueue backup operations
C. misconfigured load balancer rules and health check probes for Enqueue and ASCS
D. active Enqueue replication
E. network latency between the database server and the SAP application servers

Answer: CDE

Explanation:

E: The network latency across Availability Zones is not the same in all Azure regions. In some cases, you can deploy and run the SAP application layer across different zones because the network latency from one zone to the active DBMS VM is acceptable. But in some Azure regions, the latency between the active DBMS VM and the SAP application instance, when deployed in different zones, might not be acceptable for SAP business processes.

References:

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

NEW QUESTION 50

- (Exam Topic 2)

You are planning the Azure network infrastructure for an SAP environment.

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 segregate the SAP application layer and the DBMS layer into different virtual networks that are peered by using Global Vnet peering.	<input type="radio"/>	<input type="radio"/>
You can segregate the SAP application layer and the DBMS layer into different subnets in the same virtual network.	<input type="radio"/>	<input type="radio"/>
If you segregate the SAP application layer and the DBMS layer into different peered virtual networks, you will incur costs for the data transferred between the virtual networks.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
 B. Not Mastered

Answer: A

Explanation:

Box 1: Yes

Box 2: No

A design that's not supported is the segregation of the SAP application layer and the DBMS layer into different Azure virtual networks that aren't peered with each other. We recommend that you segregate the SAP application layer and DBMS layer by using subnets within an Azure virtual network instead of by using different Azure virtual networks.

Box 3: Yes

Be aware that network traffic between two peered Azure virtual networks is subject to transfer costs. Huge data volume that consists of many terabytes is exchanged between the SAP application layer and the DBMS layer. You can accumulate substantial costs if the SAP application layer and DBMS layer are segregated between two peered Azure virtual networks.

References:

https://docs.microsoft.com/en-us/azure/virtual-machines/workloads/sap/dbms_guide_general

NEW QUESTION 53

- (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 54

- (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 56

- (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 57

- (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 62

- (Exam Topic 2)

You have an on-premises SAP environment.

Backups are performed by using tape backups. There are 50 TB of backups.

A Windows file server has BMP images of checks used by SAP Finance. There are 9 TB of images.

You need to recommend a method to migrate the images and the tape backups to Azure. The solution must maintain continuous replication of the images.

What should you include in the recommendation? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Answer Area

Tape backups: ☐ AzCopy ☐ Azure Data Box Edge ☐ Azure Databox ☐ Azure Storage Explorer

File server: ☐ AzCopy ☐ Azure Data Box Edge ☐ Azure Databox ☐ Azure Storage Explorer

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Tape backups: ☐ AzCopy ☐ Azure Data Box Edge ☒ Azure Databox ☐ Azure Storage Explorer

File server: ☒ AzCopy ☐ Azure Data Box Edge ☐ Azure Databox ☐ Azure Storage Explorer

NEW QUESTION 65

- (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 part of the solution. NOTE: Each correct selection is worth one point.

- A. Configure Azure Traffic Manager to route incoming connections.
- B. Configure an internal 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 70

- (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 create a Recovery Services vault and a backup policy. Does this meet the goal?

- A. Yes
- B. No

Answer: A

Explanation:

Backup architecture

- The backup process begins by creating a Recovery services vault in Azure. This vault will be used to store the backups and recovery points created over time.
- The Azure VM running SAP HANA server is registered with the vault, and the databases to be backed-up are discovered. To enable the Azure Backup service to discover databases, a preregistration script must be run on the HANA server as a root user.
- This script creates AZUREWLBACKUPHANAUSER DB user and a corresponding key with the same name in hdbuserstore. Refer to the setting up permissions section to understand more about what the script does.
- Azure Backup Service now installs the Azure Backup Plugin for HANA on the registered SAP HANA server.
- The AZUREWLBACKUPHANAUSER DB user created by the preregistration script is used by the Azure Backup Plugin for HANA to perform all backup and restore operations. If you attempt to configure backup for SAP HANA DBs without running this script, you might receive the following error: UserErrorHanaScriptNotRun.
- To configure backup on the databases that are discovered, choose the required backup policy and enable backups.
- Once the backup is configured, Azure Backup service sets up the Backint parameters at the DATABASE level on the protected SAP HANA server.
- The Azure Backup Plugin for HANA maintains all the backup schedules and policy details. It triggers the scheduled backups and communicates with the HANA Backup Engine through the Backint APIs.
- The HANA Backup Engine returns a Backint stream with the data to be backed up.
- All the scheduled backups and on-demand backups (triggered from the Azure portal) that are either full or differential are initiated by the Azure Backup Plugin for HANA. However, log backups are managed and triggered by HANA Backup Engine itself.

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 74

- (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 query views from SAP HANA Studio. Does this meet the goal?

- A. Yes
- B. No

Answer: B

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. References:

<https://developers.sap.com/tutorials/dt-monitoring-hana-part1.html> <https://www.hanatutorials.com/p/hana-monitoring-dashboard.html>

NEW QUESTION 79

- (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 83

- (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 88

- (Exam Topic 2)

A company named Contoso, Ltd. has users across the globe. Contoso is evaluating whether to migrate SAP to Azure.

The SAP environment runs on SUSE Linux Enterprise Server (SLES) servers and SAP HANA databases. The Suite on HANA database is 4 TB.

You need to recommend a migration solution to migrate SAP application servers and the SAP HANA databases. The solution must minimize downtime.

Which migration solutions should you recommend? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

SAP application servers:

	▼
AzCopy	
Azure Site Recovery	
SAP HANA system replication	
System Copy for SAP Systems	

SAP HANA databases:

	▼
AzCopy	
Azure Site Recovery	
SAP HANA system replication	
System Copy for SAP Systems	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Azure Site Recovery

Microsoft Azure Site Recovery (ASR) now supports SUSE Linux Enterprise Server 11 SP3/SP4 and SUSE Linux Enterprise Server 12 SP1/SP2/SP3. This is great for customers that are planning to migrate systems to Microsoft Azure or customers who need to have a business continuity strategy for their Azure deployments. Azure Site Recovery enables SUSE customers to migrate their non-Azure virtual machines or physical servers to Microsoft Azure virtual machines.

Box 2: System Copy for SAP Systems

In order to migrate an existing SAP HANA system into Azure, a SAP homogeneous system copy can be performed.

Reference: https://www.suse.com/c/asr_supports_suse/ <https://www.netapp.com/us/media/tr-4746.pdf>

NEW QUESTION 92

- (Exam Topic 2)

You plan to migrate an SAP ERP Central Component (SAP ECC) production system to Azure. You are reviewing the SAP EarlyWatch Alert report for the system. You need to recommend sizes for the Azure virtual machines that will host the system.

Which two sections of the report should you review? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Hardware Capacity
- B. Patch Levels under SAP Software Configuration
- C. Hardware Configuration under Landscape
- D. Database and ABAP Load Optimization
- E. Data Volume Management

Answer: AD

Explanation:

It is important to note that there are 2 types of data collected for Hardware Capacity. Performance Data - e.g. CPU and Memory utilization data.

Hardware Capacity data shown in the EWA is measuring CPU and Memory utilization data. This is known as Performance Data.

Configuration Data - e.g. OS information, CPU type.

It is also collecting system information about the host such as hardware manufacturer, CPU type etc. This is known as Configuration Data.

NEW QUESTION 94

- (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.

The screenshot shows a question interface with a list of actions on the left and an answer area on the right. The actions are:

- 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).

The answer area is empty. There are navigation arrows (back and forward) between the actions and the answer area.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

The screenshot shows a question interface with a list of actions on the left and an answer area on the right. The actions are:

- 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).

The answer area contains the following options:

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

A red dashed box highlights the option "Configure SAML single sign-on (SSO)".

NEW QUESTION 98

- (Exam Topic 2)

A customer enterprise SAP environment plans to migrate to Azure. The environment uses servers that runs Windows Server 2016 and Microsoft SQL Server. The environment is critical and requires a comprehensive business continuity and disaster recovery (BCDRJ strategy that minimizes the recovery point objective (RPO) and the recovery time objective (RTO). The customer wants a resilient environment that has a secondary site that is at least 250 Kilometers away. You need to recommend a solution for the customer. Which two solutions should you recommend? Each correct answer presents part of the solution. NOTE; Each correct selection Is worth one point.

- A. an internal load balancer to route Internet traffic
- B. warm standby virtual machines in Azure Availability Zones.
- C. warn standby virtual machines in paired regions
- D. Warm standby virtual machine an Azure Availability Set that uses geo-redundant storage (GRS)
- E. Azure Traffic Manager to route incoming traffic.

Answer: CD

Explanation:

References:

<https://docs.microsoft.com/en-us/azure/virtual-machines/workloads/sap/sap-hana-availability-one-region>

NEW QUESTION 103

- (Exam Topic 2)

You are planning high availability for an SAP environment on Azure. The SAP environment will use datacenters in to 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 meet 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 108

- (Exam Topic 2)

You need direct connectivity from an on-premises network to SAP HANA (Large Instances). The solution must meet the following requirements:

- Minimize administrative effort.
- Provide the highest level of resiliency. What should you use?

- A. ExpressRoute Global Reach
- B. Linux IPTables
- C. ExpressRoute
- D. NGINX as a reverse proxy

Answer: C

Explanation:

The Azure network functionality used is:

Azure virtual networks are connected to the ExpressRoute circuit that connects to your on-premises network assets.

An ExpressRoute circuit that connects on-premises to Azure should have a minimum bandwidth of 1 Gbps or higher. This minimal bandwidth allows adequate bandwidth for the transfer of data between on-premises systems and systems that run on VMs. It also allows adequate bandwidth for connection to Azure systems from on-premises users.

All SAP systems in Azure are set up in virtual networks to communicate with each other. References:

<https://docs.microsoft.com/en-us/azure/virtual-machines/workloads/sap/hana-network-architecture>

NEW QUESTION 113

- (Exam Topic 2)

Your company has an SAP environment that contains the following components:

- Linux Enterprise Server 12 (SLES 12)
- Multiple SAP applications

The company plans to migrate all the applications to Azure.

You need to get a comprehensive list of all the applications that are part of the SAP environment. What should you use?

- A. the SAP license information
- B. the SAP Solution Manager
- C. the data volume management report
- D. the network inventory and locations

Answer: B

Explanation:

The SAP Solution Manager is a centralized robust application management and administration solution used to implement, support, operate and monitor your SAP enterprise solutions, SAP Solution Manager is a platform providing integrated content, tools, methodologies and access to SAP systems.

NEW QUESTION 118

- (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 upgrade to SAP NetWeaver 7.4, and then you migrate SAP to Azure by using Azure Site Recovery.

Does this meet the goal?

- A. Yes
- B. No

Answer: A

Explanation:

We need upgrade to SAP NetWeaver 7.4 before the migration. Then Azure Site Recovery is used for the migration to Azure.

Reference:

<https://docs.microsoft.com/en-us/azure/site-recovery/vmware-azure-architecture>

NEW QUESTION 120

- (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 122

- (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 124

- (Exam Topic 2)
You have ah SAP environment on Azure that contains a single-tenant SAP NANA server at instance 03. You need to monitor the network throughput from an SAP application server to the SAP HANA server. How should you complete the script? To answer, select the appropriate options in the answer are. NOTE: Each correct selection is worth one point.

Answer Area

```
$HANA = Get-AzNetworkInterface -Name HANAP01-NIC -ResourceGroupName Production
$APP = Get-AzNetworkUsage -GroupName Production
Get-AzVM

New-AzNetworkWatcherConnectionMonitor -NetworkWatcher (Get-AzNetworkWatcher)
-Name HANA - DestinationAddress (($HANA).IpConfigurations.PrivateIpAddress)
-DestinationPort 1433 -SourceResourceId $APP.Id
```


- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

```
$HANA = Get-AzNetworkInterface -Name HANAP01-NIC -ResourceGroupName Production
$APP = Get-AzNetworkUsage -ResourceGroupName Production
Get-AzNetworkWatcher -ResourceGroupName Production
Get-AzVM

New-AzNetworkWatcherConnectionMonitor -NetworkWatcher (Get-AzNetworkWatcher)
-Name HANA - DestinationAddress (($HANA).IpConfigurations.PrivateIpAddress)
-DestinationPort 1433 -SourceResourceId $APP.Id
```

NEW QUESTION 129

- (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

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

Answer Area

⬅️⬆️

➡️⬆️

- 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 134

- (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 135

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