

Microsoft

Exam Questions AZ-120

Planning and Administering Microsoft Azure for SAP Workloads



NEW QUESTION 1

- (Exam Topic 1)

Litware is evaluating whether to add high availability after the migration? What should you recommend to meet the technical requirements?

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

Answer: A

NEW QUESTION 2

- (Exam Topic 1)

You are evaluating which migration method Litware can implement based on the current environment and the business goals.

Which migration method will cause the least amount of downtime?

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

Answer: A

Explanation:

The SAP Database Migration Option (DMO) with System Move option of SUM, used as part of the migration allows customer the options to perform the migration in a single step, from source system on-premises, or to the target system residing in Microsoft Azure, minimizing overall downtime.

References:

<https://blogs.sap.com/2017/10/05/your-sap-on-azure-part-2-dmo-with-system-move/>

NEW QUESTION 3

- (Exam Topic 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 1)

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

Statements	Yes	No
After the migration, all user authentication to the SAP applications must be handled by Azure Active Directory (Azure AD).	<input type="radio"/>	<input type="radio"/>
The migration requires that the on-premises Active Directory domain syncs to Azure Active Directory (Azure AD).	<input type="radio"/>	<input type="radio"/>
After the migration users will be able to authenticate to the SAP applications by using their existing credentials in litware.com.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

In a Hybrid-IT scenario, Active Directory from on-premises can be extended to serve as the authentication mechanism through an Azure deployed domain controller (as well as potentially using the integrated DNS).

It is important to distinguish between traditional Active Directory Servers and Microsoft Azure Active Directory that provides only a subset of the traditional on-premises AD offering. This subset includes Identity and Access Management, but does not have the full AD schema or services that many 3rd party application take advantage of. While Azure Active Directory IS a requirement to establish authentication for the Azure virtual machines in use, and it can synchronize users with customers' on-premises AD, the two are explicitly different and customers will likely continue to require full Active Directory servers deployed in Microsoft Azure.

References: https://www.suse.com/media/guide/sap_hana_on_azure_101.pdf

NEW QUESTION 5

- (Exam Topic 2)

You have the following Azure Resource Manager template.

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

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

Statements	Yes	No
Six storage accounts will be created.	<input type="radio"/>	<input type="radio"/>
The storage accounts will be created in parallel.	<input type="radio"/>	<input type="radio"/>
The storage accounts will be replicated to multiple regions.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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

NEW QUESTION 6

- (Exam Topic 2)

You have an on-premises SAP environment. Application servers run on SUSE Linux Enterprise Server (SLES) servers. Databases run on SLES servers that have Oracle installed.

You need to recommend a solution to migrate the environment to Azure. The solution must use currently deployed technologies whenever possible and support high availability.
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.

Application server operating system:

	▼
Oracle Linux	
SLES	
Windows Server 2016	

Database server operating system:

	▼
Oracle Linux	
SLES	
Windows Server 2016	

Database platform:

	▼
Azure SQL Database	
Microsoft SQL Server	
Oracle	
SAP HANA	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Application server operating system:

	▼
Oracle Linux	
SLES	
Windows Server 2016	

Database server operating system:

	▼
Oracle Linux	
SLES	
Windows Server 2016	

Database platform:

	▼
Azure SQL Database	
Microsoft SQL Server	
Oracle	
SAP HANA	

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 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)

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 Azure alert rule and action group as shown in the following exhibit.

```
PS Azure:\> Get-AzMetricAlertRuleV2 | Select WindowSize, EvaluationFrequency, Actions -ExpandProperty Criteria
WindowSize           : 00:05:00
EvaluationFrequency   : 00:01:00
Actions              : {/subscriptions/6dce0667-3896-4f0b-bcc4-1ea4da2de0dc/resourcegroups/resourcegroup1/
                        providers/microsoft.insights/actiongroups/admins}
Name                  : Metric1
MetricName            : Percentage CPU
MetricNamespace       : Microsoft.Compute/virtualMachines
OperatorProperty      : GreaterThan
TimeAggregation       : Average
Threshold             : 85
Dimensions            : {}
AdditionalProperties   :

PS Azure:\> Get-AzActionGroup | Select -ExcludeProperty ResourceGroupName, Tags, Location
GroupShortName       : admins
GroupShortName       : admins
Enabled              : True
EmailReceivers       : {admins_emailaction-}
SmsReceivers          : {}
WebhookReceivers     : {}
Id                   : /subscriptions/6dce0667-3896-4f0b-bcc4-1ea4da2de0dc/resourcegroups/resourcegroup1/providers/
                        microsoft.insights/actiongroups/admins
Name                  : admins
Type                  : Microsoft.Insights/ActionGroups

GroupShortName       : restartVM
GroupShortName       : restartVM
Enabled              : True
EmailReceivers       : {}
SmsReceivers          : {}
WebhookReceivers     : {}
Id                   : /subscriptions/6dce0667-3896-4f0b-bcc4-1ea4da2de0dc/resourcegroups/resourcegroup1/providers/
                        microsoft.insights/actiongroups/restartVM
Name                  : restartVM
Type                  : Microsoft.Insights/ActionGroups
```

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].

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].

The [answer choice] when the alert is triggered.

admins action group will be emailed
 restartVM action group will be emailed
 virtual machines will restart

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

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

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].

The [answer choice] when the alert is triggered.

admins action group will be emailed
 restartVM action group will be emailed
 virtual machines will restart

NEW QUESTION 10

- (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:

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)

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 anddisaster 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 16

- (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 25

- (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 30

- (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 32

- (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 37

- (Exam Topic 2)

You plan to migrate an SAP environment to Azure.

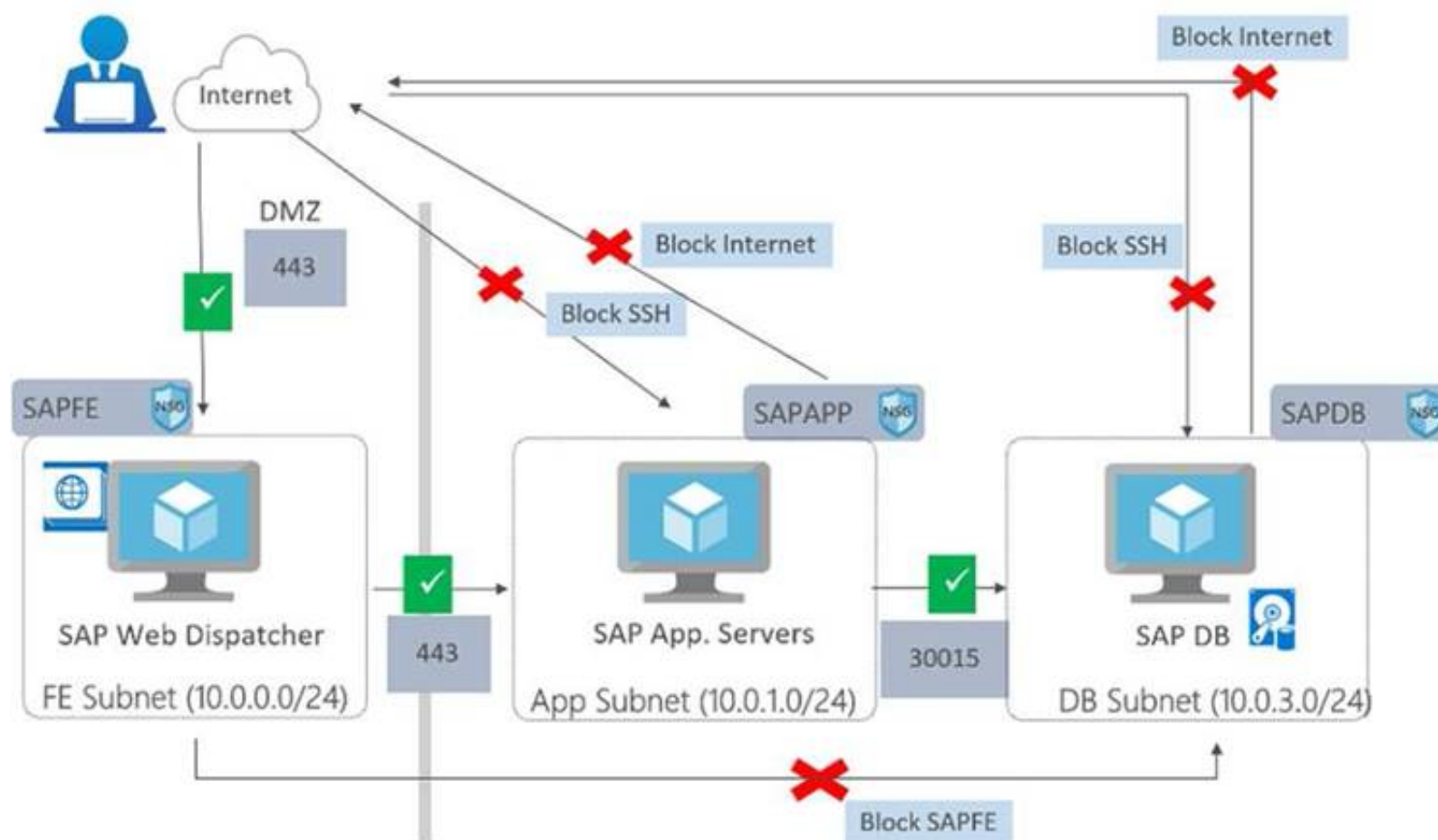
You need to create a design to facilitate end-user access to SAP applications over the Internet, while restricting user access to the virtual machines of the SAP application servers. What should you include in the design?

- 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 42

- (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 are deploying an SAP environment across Azure Availability Zones. The environment has the following components:

- > ASCS/ERS instances that use a failover cluster
- > SAP application servers across the Azure Availability Zones
- > Database high availability by using a native database solution

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
Network latency is a limiting factor when deploying DBMS instances that use synchronous replication across the Azure Availability Zones.	<input type="radio"/>	<input type="radio"/>
The performance of SAP systems can be validated by using ABAPMeter.	<input type="radio"/>	<input type="radio"/>
To help identify the best Azure Availability Zones for deploying the SAP components, you can use NIPING to verify network latency between the zones.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: No

Azure Availability Zones are physically separate locations within an Azure region protecting customers' applications and data from datacenter-level failures. It is good for applications that require low-latency synchronous replication with protection from datacenter-level failures.

Box 2: Yes

AAP application server to database server latency can be tested with ABAPMeter report /SSA/CAT. Box 3: Yes

To analyze network issue or measure network metrics you can test the connection using SAP's NIPING program. You can use NIPING to analyze the network connection between any two machines running SAP software.

Reference:

<https://azure.microsoft.com/sv-se/blog/azure-availability-zones-expand-with-new-services-and-to-new-regions-i> <https://azure.microsoft.com/en-us/blog/sap-on-azure-architecture-designing-for-performance-and-scalability/> <https://wiki.scn.sap.com/wiki/pages/viewpage.action?pageId=360974069>

NEW QUESTION 51

- (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 configure DB13 to back up directly to a local disk. Does this meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

You need to back up the SAP HANA database to Azure, not to a local disk. 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 53

- (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 54

- (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)

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 64

- (Exam Topic 2)

You deploy an SAP environment on Azure by following the SAP workload on Azure planning and deployment checklist.

You need to verify whether Azure Diagnostics is enabled. Which cmdlet should you run?

- A. Get-AzureVMAvailableExtension
- B. Get-AzVmDiagnosticsExtension
- C. Test-AzDeployment
- D. Test-VMConfigForSAP

Answer: B

Explanation:

The Get-AzVMDiagnosticsExtension cmdlet gets the settings of the Azure Diagnostics extension on a virtual machine.

NEW QUESTION 66

- (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 67

- (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

>

<

- 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 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

Add SAP Cloud Platform Identity from the Azure application gallery.

Configure SAML single sign-on (SSO).

NEW QUESTION 72

- (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.

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:

Tape backups: Azure DataBox

The Microsoft Azure Data Box cloud solution lets you send terabytes of data into Azure in a quick, inexpensive, and reliable way. The secure data transfer is accelerated by shipping you a proprietary Data Box storage device. Each storage device has a maximum usable storage capacity of 80 TB and is transported to your datacenter through a regional carrier. The device has a rugged casing to protect and secure data during the transit.

File server: Azure Storage Explorer

Azure Storage Explorer is an application which helps you to easily access the Azure storage account through any device on any platform, be it Windows, MacOS, or Linux. You can easily connect to your subscription and manipulate your tables, blobs, queues, and files.

NEW QUESTION 73

- (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 77

- (Exam Topic 2)

You have an Azure subscription.

You deploy Active Directory domain controllers to Azure virtual machines. You plan to deploy Azure for SAP workloads.

You plan to segregate the domain controllers from the SAP systems by using different virtual networks. You need to recommend a solution to connect the virtual networks. The solution must minimize costs. What should you recommend?

- A. a site-to-site VPN
- B. virtual network peering
- C. user-defined routing
- D. ExpressRoute

Answer: C

Explanation:

You can create custom, or user-defined, routes in Azure to override Azure's default system routes, or to add additional routes to a subnet's route table. In Azure, you create a route table, then associate the route table to zero or more virtual network subnets.

NEW QUESTION 81

- (Exam Topic 2)

You have an SAP environment that is managed by using VMware vCenter. You plan to migrate the SAP environment to Azure.

You need to gather information to identify which compute resources are required in Azure. What should you use to gather the information?

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

Answer: A

Explanation:

Azure Migrate is a Microsoft service that helps an enterprise assess how its on-premises workloads will perform, and how much they will cost to host, in the Azure public cloud.

An enterprise can use Azure Migrate to discover information about the VMware VMs running within its own data center, including CPU and memory usage, as well as performance history.

SAP EarlyWatch Alert (EWA) is a monitoring service for SAP customers, to monitor SAP systems in the solution landscape.

NEW QUESTION 83

- (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 86

- (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 91

- (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 95

- (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 98

- (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 101

- (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 NetWeater 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 103

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