ATMIC NETWORKS
YOUR GUIDE TO GLOBAL CERTIFIATION

"Please note that these files may not be up to date. However, the questions will help you understand the exam format and typical question patterns."

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Question: 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: C

Explanation:

Question: 2

HOTSPOT

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
After the migration, you can use Azure Site Recovery to back up the SAP HANA databases.
After the migration, you can use SAP HANA Cockpit to back up the SAP ECC databases.
After the migration, you can use SAP HANA Cockpit to back up SAP BW

Answer:

Explanation:

YES

YES

NO

Question: 3

HOTSPOT

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).	○	○
The migration requires that the on-premises Active Directory domain syncs to Azure Active Directory (Azure AD).	○	○
After the migration users will be able to authenticate to the SAP applications by using their existing credentials in litware.com.	○	○

Answer:

Explanation:

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

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 include 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.

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

Question: 4

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 an the migrate SAP to Azure.

Answer: A

Explanation:

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

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

Question: 5

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

Explanation:

Question: 6

You are evaluating the migration plan.
Licensing for which SAP product can be affected by changing the size of the virtual machines?
A. SAP Solution Manager
B. PI
C. SAP SCM
D. SAP ECC

Answer: D

Explanation:

Scenario: Increase the performance of SAP ECC applications by moving to SAP HANA.

Reference:
https://azure.microsoft.com/en-us/pricing/details/virtual-machines/rhel-sap-hana/

Question: 7

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:

https://help.sap.com/viewer/f2ad7797884249eeb2e91dc26a991196/3.0.3.0/en-US

Question: 8

What should you use to perform load testing as part of the migration plan?
A. JMeter
B. SAP LoadRunner by Micro Focus
C. Azure Application Insights
D. Azure Monitor

Answer: B

Explanation:

Scenario: Upgrade and migrate SAP ECC to SAP Business Suite on HANA Enhancement Pack 8.

With the SAP LoadRunner application by Micro Focus, you can accelerate testing and development, reduce slowdowns and expenses, and gain a better understanding of performance issues. Validate software performance, virtualize your network, simulate workloads, benchmark production system performance, and optimize your deployment of

SAP HANA software

Reference:
https://www.sap.com/products/loadrunner.html

Topic 2, Contoso Ltd Case Study

Case Study

This is a case study. Case studies are not timed separately. You can use as much exam time as you would like to complete each case. However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

To answer the questions included in a case study, you will need to reference information that is provided in the case study. Case studies might contain exhibits and other resources that provide more information about the scenario that is described in the case study. Each question is independent of the other questions in this case study.

At the end of this case study, a review screen will appear. This screen allows you to review your answers and to make changes before you move to the next section of the exam. After you begin a new section, you cannot return to this section.

To start the case study

To display the first question in this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. If the case study has an All Information tab, note that the information displayed is identical to the information displayed on the subsequent tabs. When you are ready to answer a question, click the Question button to return to the question.

Overview

Contoso, Ltd. is a manufacturing company that has 15,000 employees.

The company uses SAP for sales and manufacturing.

Contoso has sales offices in New York and London and manufacturing facilities in Boston and Seattle.

Existing Environment

Active Directory

The network contains an on-premises Active Directory domain named ad.contoso.com. User email addresses use a domain name of contoso.com.

SAP Environment

The current SAP environment contains the following components:

SAP Solution Manager

SAP ERP Central Component (SAP ECC)

SAP Supply Chain Management (SAP SCM)
SAP application servers that run Windows Server 2008 R2
SAP HANA database servers that run SUSE Linux Enterprise Server 12 (SLES 12)

Problem Statements

Contoso identifies the following issues in its current environment:

The SAP HANA environment lacks adequate resources.
The Windows servers are nearing the end of support.
The datacenters are at maximum capacity.

Requirements

Planned Changes

Contoso identifies the following planned changes:

Deploy Azure Virtual WAN.
Migrate the application servers to Windows Server 2016.
Deploy ExpressRoute connections to all of the offices and manufacturing facilities.
Deploy SAP landscapes to Azure for development, quality assurance, and production.

All resources for the production landscape will be in a resource group named SAPProduction.

Business goals

Contoso identifies the following business goals:

Minimize costs whenever possible.
Migrate SAP to Azure without causing downtime.
Ensure that all SAP deployments to Azure are supported by SAP.
Ensure that all the production databases can withstand the failure of an Azure region.
Ensure that all the production application servers can restore daily backups from the last 21 days.

Technical Requirements

Contoso identifies the following technical requirements:

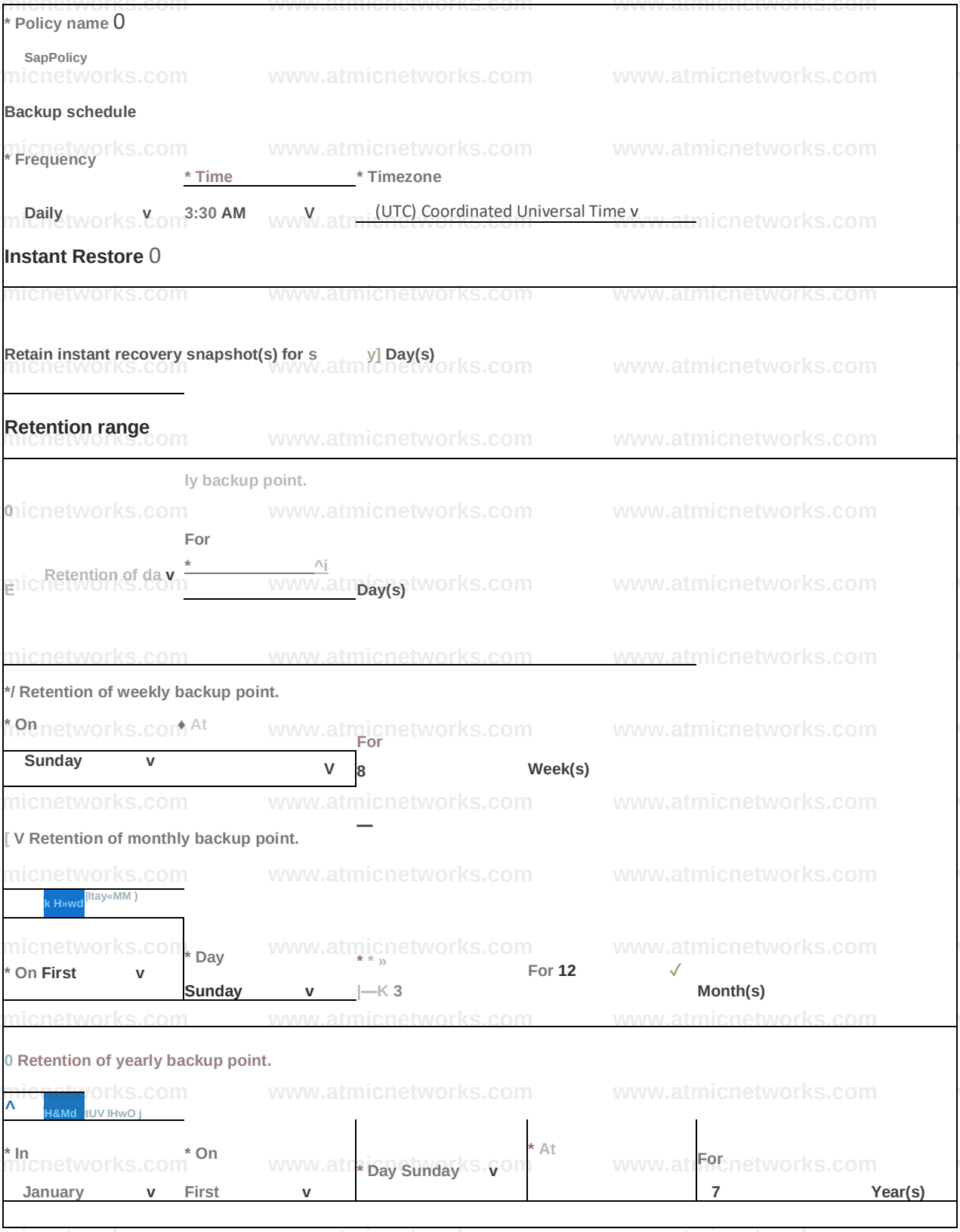
Inspect all web queries.
Deploy an SAP HANA cluster to two datacenters.
Minimize the bandwidth used for database synchronization.
Use Active Directory accounts to administer Azure resources.
Ensure that each production application server has four 1-TB data disks.
Ensure that an application server can be restored from a backup created during the last five days within 15 minutes.
Implement an approval process to ensure that an SAP administrator is notified before another administrator attempts to make changes to the Azure virtual machines that host SAP.

It is estimated that during the migration, the bandwidth required between Azure and the New York office will be 1

Gbps. After the migration, a traffic burst of up to 3 Gbps will occur.

Proposed Backup Policy

An Azure administrator proposes the backup policy shown in the following exhibit.



Azure Resource Manager Template

An Azure administrator provides you with the Azure Resource Manager template that will be used to provision the production application servers.

```
"apiVersion": "2017-03-30",
```

```
"type": "Microsoft.Coapute/virtualMachines",
"name": "[parameters('vmname*) ]",
"location": "EastUS", "dependsOn": [
  "[resourceId('Microsoft.Network/networkinterfaces/', parameters('vmname'))] b
"properties":{
  "hardwareprofile": (
    "vmSize": "[parameters('vmSize')]" b "osProfile": { "computerName":
"[parameters('vmname')J", "adminUsername": "[parameters('adminUsername')]", "adminPassword":
"[parameters( 'adminPassword') ]" b "storageprofile": { "ImageReference": {
    "publisher": "MicrosoftWindowsServer",
    "Offer" : "windowsServer", "sku" : "2016-datacenter", "version" : "latest" b "osDisk": {
    "name": "[concat(parameters('vmname'), '-OS'))",
    "caching": "ReadWrite",
    "createOption": "Fromlmage", "diskSizeGB": 128, "managedDisk":{
          "storageAccountType": "[parameters('-torageAccountType')]" } b "copy": [ { "name":
  "DataDisks", 'count": "[parameters('diskcount')]", "input" : { "Caching" : "None",
  "diskSizeGB" : 1024, "lun": "[copyindex('datadisks'))",
        "name": "[concat(parameters('vmname'),'-DD*,copyindex('datadisks'))]",
        "createOption": "Empty"
    I
h
"networkprofile": { "networkinterfaces": [
    "id":"[resourceId('Microsoft.Network/networklnterfaces', parameters{'vmHame'))]
  }
h
"resources": [
    (
      "apiversion": "2017-03-30"
      "type": "Microsoft.Compute/virtualMachines/extensions",
      "name": "[concat(parameters('VMName'), '/joindomain')]", "location": "eastus",
      "properties": {
        "publisher": "Microsoft.Compute", "type": "JsonADDomainExtension",
        "typeHandlerVersion": "1.3", "autoUpgradeMinorVersion": true, "settings": {
            "Name": "[parameters('domainName*)]", "User": "[parameters('domainusername')]",
            "Restart": "true", "Options": "3"
        "protectedsettings": { "Password": "[parameters('domainPassword')]"
      J
    )
  }
]
```

Question: 9

You are planning the Azure network infrastructure to support the disaster recovery requirements.
What is the minimum number of virtual networks required for the SAP deployed?

A. 1
B. 2
C. 3
D. 4

Answer: B

Explanation:

Scenario: Ensure that all the production databases can withstand the failure of an Azure region.

Note: Use Azure Site Recovery to replicate applications across regions. Azure Site Recovery replicates workloads running on physical and virtual machines from a primary site (either on-premises or in Azure) to a secondary location (in Azure). When an outage occurs at the customer's primary site, a failover can be triggered to quickly return the customer to an operational state. After the primary location is restored, customers can then fail back.

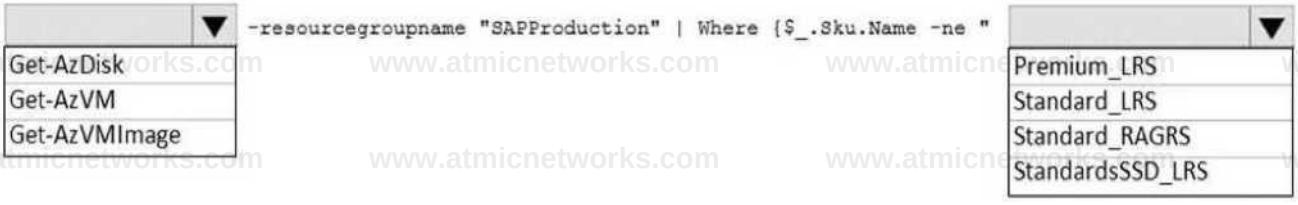
Reference:
https://docs.microsoft.com/en-us/azure/architecture/resiliency/recovery-loss-azure-region

Question: 10

HOTSPOT

Before putting the SAP environment on Azure into production, which command should you run to ensure that the virtual machine disks meet the business requirements? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.



Answer:

Explanation:
Get-AzDisk & Primium_LRS

https://docs.microsoft.com/en-us/powershell/module/az.compute/get-azvmimage?view=azps-4.6.1
https://docs.microsoft.com/en-us/powershell/module/az.compute/get-azdisk?view=azps-4.6.1

Question: 11

Which Azure service should you deploy for the approval process to meet the technical requirements?

A. Just in time (JIT) VM access
B. Azure Active Directory (Azure AD) Identity Protection
C. Azure Active Directory (Azure AD) Privileged identity Manager (PIM)

D. Azure Active Directory (Azure AD) conditional access

Answer: B

Explanation:

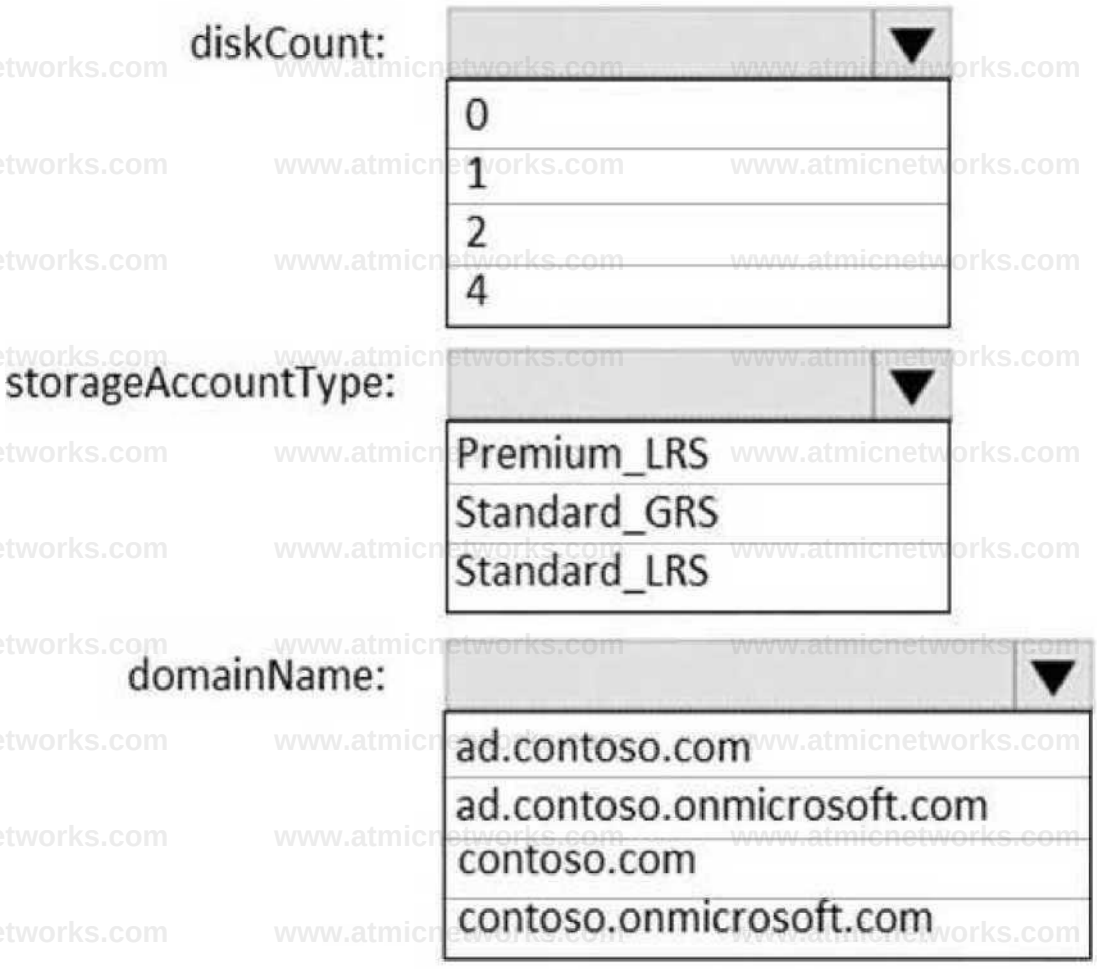
Question: 12

HOTSPOT

You need to provide the Azure administrator with the values to complete the Azure Resource Manager template.

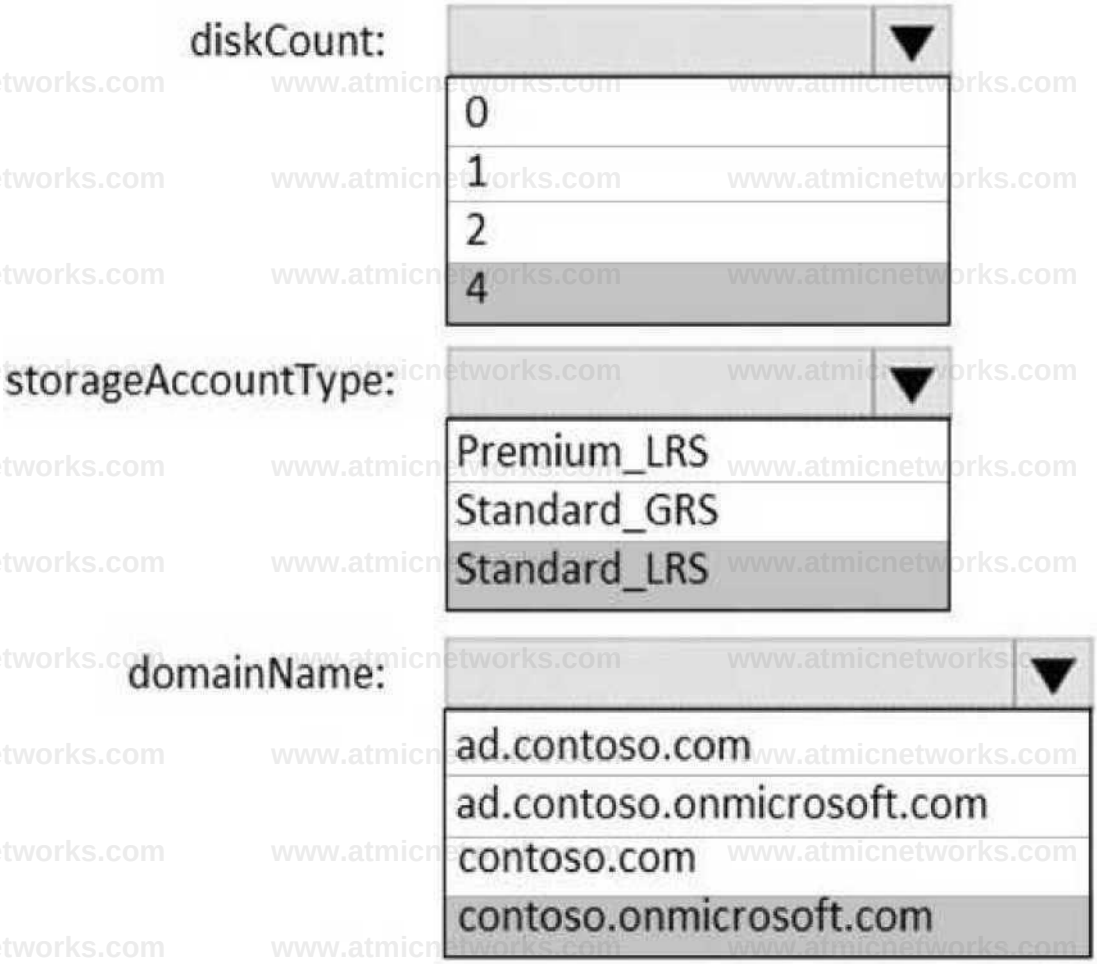
Which values should you provide for diskCount, StorageAccountType, and domainName? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.



Answer:

Explanation:



Box 1: 4

Scenario: the Azure Resource Manager template that will be used to provision the production application servers.
Ensure that each production application server has four 1-TB data disks.

Box 2: Standard_LRS
Scenario: Minimize costs whenever possible.

Box 3: contoso.onmicrosoft.com
The network contains an on-premises Active Directory domain named ad.contoso.com.
The Initial domain: The default domain (onmicrosoft.com) in the Azure AD Tenant. For example, contoso.onmicrosoft.com.

Reference:
https://docs.microsoft.com/en-us/azure/active-directory/hybrid/plan-connect-userprincipalname

Question: 13

HOTSPOT

You are evaluating the proposed backup policy.

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 backup policy meets the technical requirements.	○	○
The backup policy meets the business requirements.		
If the backup policy is implemented, a deleted file can be restored to the running virtual machine one year after the file was deleted.		

Answer:

Explanation:

Statements	Yes	No
The backup policy meets the technical requirements.		
The backup policy meets the business requirements.		
If the backup policy is implemented, a deleted file can be restored to the running virtual machine one year after the file was deleted.		

Box 1: Yes

Scenario: Technical requirements: Ensure that an application server can be restored from a backup created during the last five days within 15 minutes.

Instant Restore has 'The instance recovery snapshot(s) for 5 Day(s)'.

Box 2: No

Scenario: Ensure that all the production application servers can restore daily backups from the last 21 days.

The Retention of daily backup point is set to for 14 days only.

Box 3: Yes

Reference:
https://docs.microsoft.com/en-us/azure/backup/backup-instant-restore-capability

Question: 14

Once the migrate completes, to which size should you set the ExpressRoute circuit to the New York office to meet the business goals and technical requirements?

A. 500 Mbps
B. 1,000 Mbps
C. 2,000 Mbps
D. 5,000 Mbps

Answer: C

Explanation:

ExpressRoute circuits are configured to allow you to burst up to two times the bandwidth limit you procured for no additional cost.

Scenario: It is estimated that during the migration, the bandwidth required between Azure and the New York office will be 1 Gbps. After the migration, a traffic burst of up to 3 Gbps will occur.

Reference:
https://docs.microsoft.com/en-us/azure/expressroute/expressroute-faqs

Question: 15

HOTSPOT

You are planning replication of the SAP HANA database for the disaster recovery environment in 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
You must use synchronous replication.	○	○
You must use delta data shipping for operation mode.	○	○
You must configure an Azure Directory (Azure AD) application to manage the failover.	○	○

Answer:

Explanation:

Statements	Yes	No
You must use synchronous replication.	○	○
You must use delta data shipping for operation mode.	○	○
You must configure an Azure Directory (Azure AD) application to manage the failover.	○	○

Box 1: No

SAP HANA Replication consists of one primary node and at least one secondary node. Changes to the data on the primary node are replicated to the secondary node synchronously or asynchronously.

Box 2: No

Since SPS11 SAP HANA system replication can be run in two different operation modes:

delta_datashipping

logreplay

Box 3: Yes

Reference:

https://docs.microsoft.com/en-us/azure/virtual-machines/workloads/sap/sap-hana-high-availability- rhel

https://blogs.sap.com/2018/01/08/your-sap-on-azure-part-4-high-availability-for-sap-hana-using- system-replication/

Question: 16

This question requires that you evaluate the underlined BOLD text to determine if it is correct.

You are planning for the administration of resources in Azure.

To meet the technical requirements, you must first implement Active Directory Federation Services (AD FS).

Instructions: Review the underlined text. If it makes the statement correct, select "No change is needed". If the statement is incorrect, select the answer choice that makes the statement correct.

A. No change is needed
B. Azure AD Connect
C. Azure AD join
D. Enterprise State Roaming

Answer: A

Explanation:

AD connect, it's not mandatory to have AD FS, you can use Password HAsh Synch or Passthrough Authentication, but AD Connect is mandatory to synch you on-promises accounts to Azure AD

Reference:
https://docs.microsoft.com/en-us/azure/active-directory/saas-apps/sap-hana-cloud-platform-identity-authentication-tutorial

Topic 3, Misc. Questions

Question: 17

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: A

Explanation:
SAP HANA Studio -> Administration -> Overview -> CPU Usage.

SAP HANA Studio -> Administration -> Performance -> Load -> [System] CPU.

Question: 18

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 run SAP HANA Quick Sizer.
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.
Reference:
https://developers.sap.com/tutorials/dt-monitoring-hana-part1.html
https://www.hanatutorials.com/p/hana-monitoring-dashboard.html

Question: 19

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

Question: 20

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: B

Explanation:

Question: 21

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
C. No

Answer: A

Explanation:

Question: 22

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

Explanation:

Question: 23

You have an on- premises SAP environment hosted on VMware VSphere that in 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?

What should you use?

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

Answer: C

Explanation:

https://azure.microsoft.com/nl-nl/blog/sap-on-azure-architecture-designing-for-performance-and- scalability/

"For existing on-premises systems, you should reference system configuration and resource utilization data. The system utilization information is collected by the SAP OS Collector and can be reported via SAP transaction OS07N as well as the EarlyWatch Alert. "

Question: 24

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

Explanation:

Question: 25

HOTSPOT

For each of the following statements, select Yes if the stamen is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Answer Area

Statements	Ye

Oracle Real Application Ousters (RAC) can be used to provide high availability of SAP databases on Azure.

You can host SAP databases on Azure by using Oracle on a virtual machine that runs Windows Server 201b

You can host SAP databases on Azure by using Oracle on a virtual machine that runs SUSE Linux Enterprise Server 12 (SEES 12)

Answer:

Explanation:
Yes, Yes, No

Question: 26

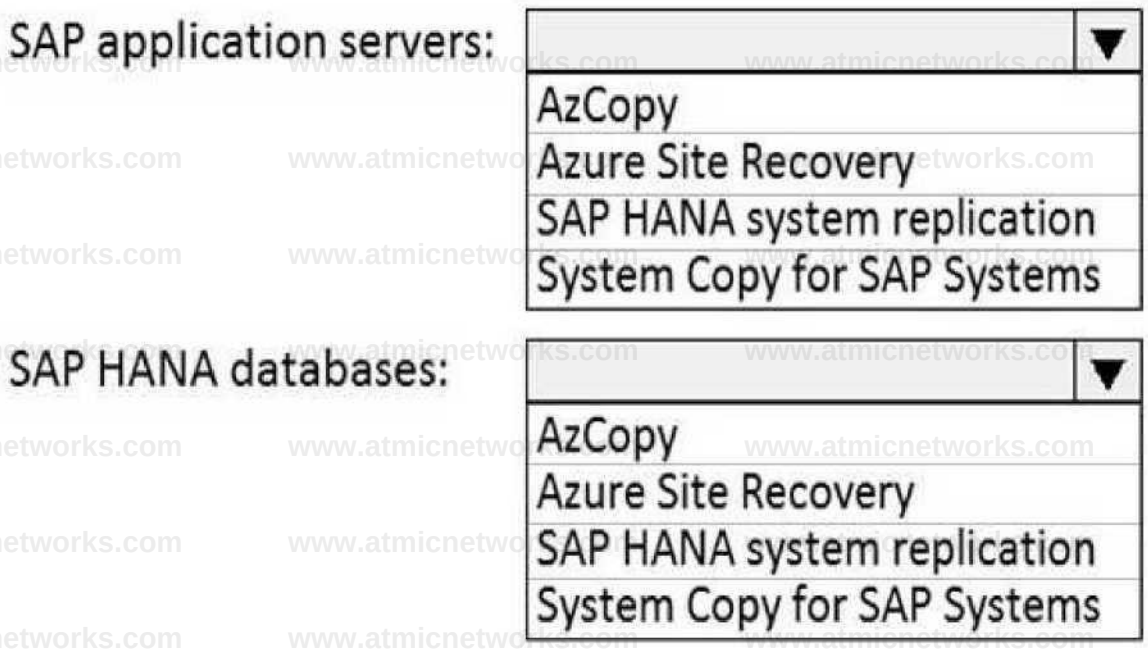
A company named Contoso, Ltd. has users across the globe. Contoso is evaluating whether to migrate SAP to Azure.

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.



Answer:

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: SAP Hana System replication

Reference:
https://www.suse.com/c/asr_supports_suse/

https://www.netapp.com/us/media/tr-4746.pdf

Question: 27

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

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

Answer: C

Explanation:

Question: 28

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

Explanation:

Question: 29

HOTSPOT
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 (SIES 12)
* Databases on IBM D82 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.	○	○
The version of SAP ECC supports deployment to Azure.	○	○
The DB2 databases must be migrated to a different database platform before migrating to Azure.	○	○

Answer:

Explanation:

Statements	Yes	No
The version of SAP Solution Manager supports deployment to Azure.	●	○
The version of SAP ECC supports deployment to Azure.	○	●
The DB2 databases must be migrated to a different database platform before migrating to Azure.	○	●

Box 1: Yes

Box 2: NO

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 onpremises.

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

Question: 30

This question requires that you evaluate the underlined text to determine if it is correct.

You have an SAP environment on Azure that uses Microsoft SQL server as the RDBMS.

You plan to migrate to an SAP HANA database.

To calculate the amount of memory and disk space required for the database, you can use SAP Quick Sizer.

Instructions: Review the BOLD text, If the makes the stamen correct, select ''No change is needed. " if the statement is incorrect select the answer choice that makes the statement correct.

A. No change is needed.

B. Azure Migrate

C. /SDF/HDB_SIZING

D. SQL Server Management Studio (SSMS)

Answer: C

Explanation:

If you want to move an existing deployed system from another relational database management system (RDBMS) to HANA. SAP provides reports to run on your existing SAP system. If the database is moved to HANA, these reports check the data and calculate memory requirements for the HANA instance.

/SDF/HDB_SIZING is a standard Executable ABAP Report available within your SAP system (depending on your version and release level).

ABAP code listing snippet for SAP ABAP Report /SDF/HDB_SIZING

```
* &                              *
*  & Report /SDF/HDB_SIZING // ZNEWHDB_SIZE
*&
*  &                             *
*  & Estimates the memory requirement in HANA of non-HANA databases
*  & When run on HANA, size the database using real memory consumption
*  & values.
*  &                             *

*
REPORT /SDF/HDB_SIZING LINE-SIZE 101 LINE-COUNT 90 NO STANDARD PAGE HEADING.
DATA: l_version TYPE c LENGTH 6 VALUE '54'. "54.2
TYPES: ty_para(2) TYPE n,
    ty_top(3) TYPE n.
TYPE-POOLS: abap.
DATA: tabname TYPE tabname,
    subrc TYPE sy-subrc,
    p_prf TYPE abap_bool,
```

... See full code listing within your SAP system using transactions such as SE80 and SE38

Incorrect Answers:

A: When you're starting an implementation from scratch, SAP Quick Sizer will calculate memory requirements of the implementation of SAP software on top of HANA.

Reference:

https://www.se80.co.uk/sapreports/-/-fs-/-fs-sdf-fs-hdb_sizing.htm

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

Question: 31

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

Explanation:

Question: 32

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

Explanation:

In the Azure Security Center regulatory compliance blade, you can get an overview of key portions of your compliance posture with respect to a set of supported standards. Currently supported standards are Azure CIS, PCI DSS 3.2, ISO 27001, and SOC TSP.

Reference:
https://azure.microsoft.com/en-us/blog/regulatory-compliance-dashboard-in-azure-security-center- now-available/

Question: 33

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 ot 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: AC

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

Question: 34

HOTSPOT

You have SAP ERP on Azure.

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

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
To create a failover solution, you can use an Azure Basic Load Balancer for Azure virtual machines deployed across the Azure Availability Zones.		
You can deploy Azure Availability Sets within an Azure Availability Zone.	O	O
The solution must use Azure managed disks.	Q	Q

Answer:

Explanation:

Statements	Yes	No
To create a failover solution, you can use an Azure Basic Load Balancer for Azure virtual machines deployed across the Azure Availability Zones.		
You can deploy Azure Availability Sets within an Azure Availability Zone.	Q	0
The solution must use Azure managed disks.	Q	Q

Box 1: No

You can't use an Azure Basic Load Balancer to create failover cluster solutions based on Windows Server Failover Clustering or Linux Pacemaker. Instead, you need to use the Azure Standard Load Balancer SKU.

Box 2: Yes

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

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

Box 3: Yes

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

Reference:

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

https://docs.microsoft.com/en-us/azure/virtual-machines/workloads/sap/sap-proximity-placement- scenarios#combine-availability-sets-and-availability-zones-with-proximity-placement-groups https://docs.microsoft.com/en-us/azure/architecture/reference-architectures/sap/sap-netweaver

Question: 35

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: C

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:

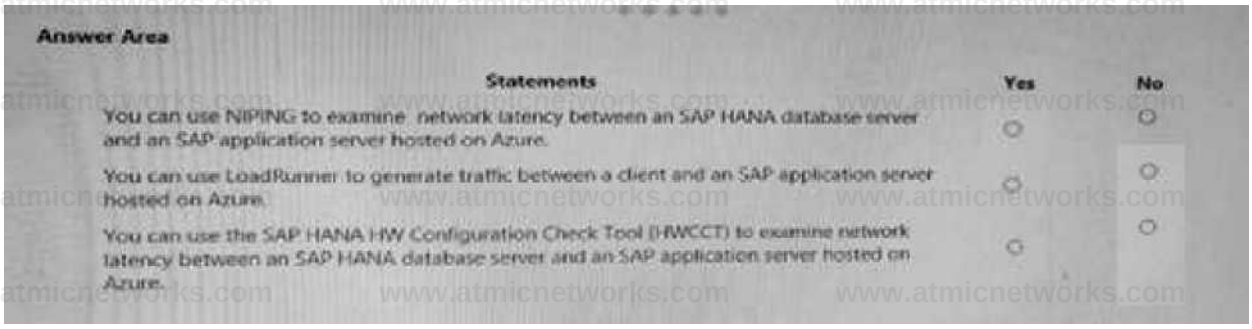
https://docs.microsoft.com/en-us/azure/architecture/reference-architectures/sap/sap-netweaver

Question: 36

HOTSPOT

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:

Explanation:

Question: 37

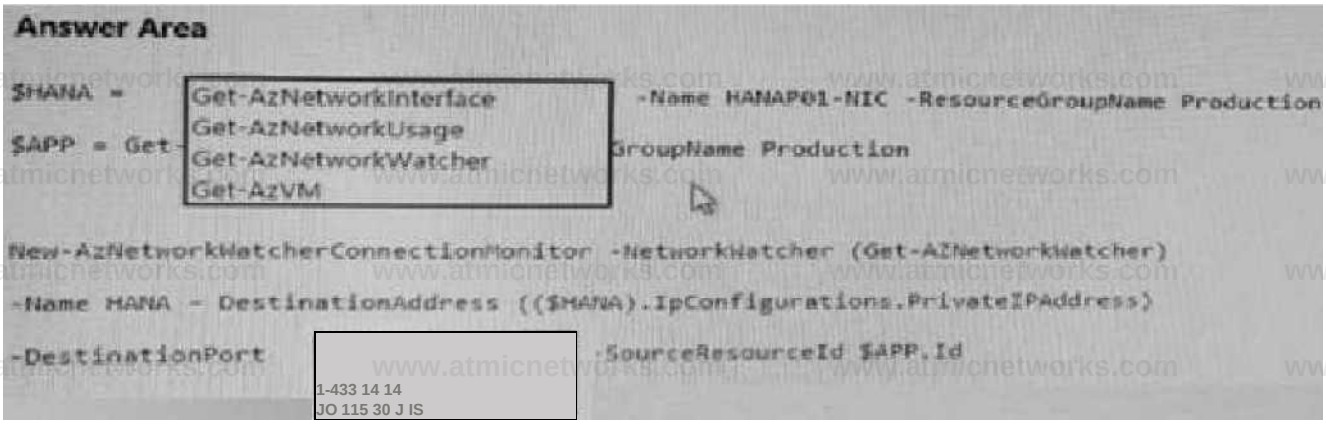
HOTSPOT

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:

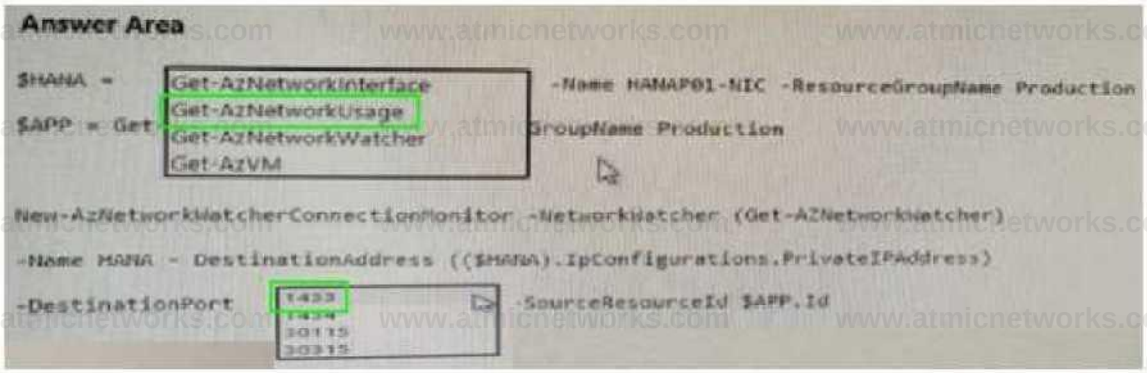
Each correct selection is worth one point.



Answer:

Explanation:

Answer:



Question: 38

HOTSPOT

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.	O	O
The performance of SAP systems can be validated by using ABAPMeter.	0	Q
To help identity the best Azure Availability Zones for deploying the SAP components, you can use NIPING to verify network latency between the zones.	Q	,

Answer:

Explanation:

Box 1: Yes

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-in-europe-and-united-states/

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

https://docs.microsoft.com/en-us/azure/virtual-machines/workloads/sap/sap-ha-availability-zones#:~:text=In%20some%20Azure%20regions%2C%20the%20network%20latency%20among%20the%20three,2%20milliseconds%20is%20not%20correct.

Question: 39

You recently migrated an SAP HANA environment to Azure.

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

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

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

Answer: C

Explanation:

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

Reference:

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

Question: 40

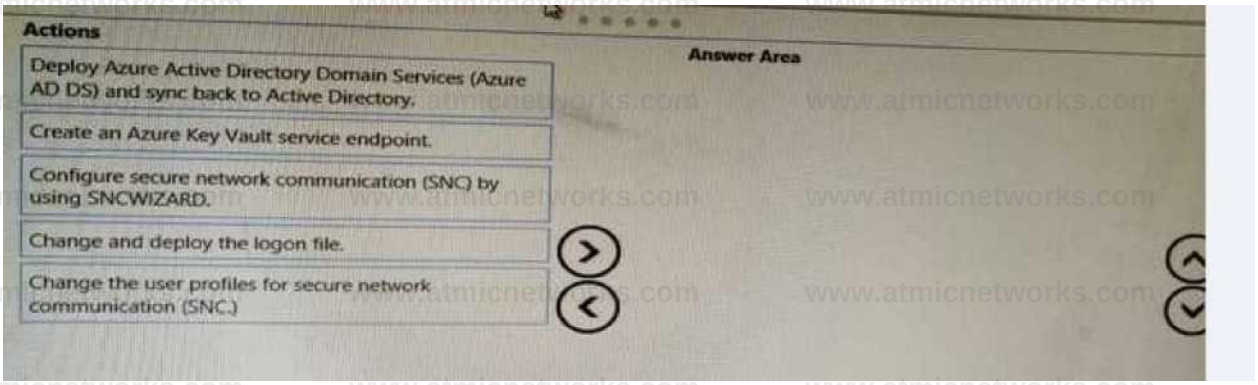
DRAG DROP

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 lo SAP GUI and SAP WebGUI.

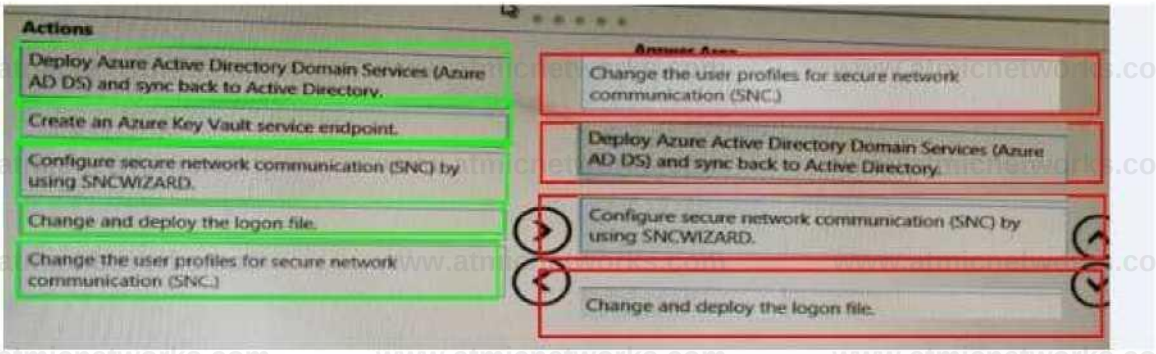
Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.



Answer:

Explanation:

Answer:



Question: 41

HOTSPOT

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 o

Statements

When configuring an Azure virtual machine, the Azure Enhanced Monitoring features are required to monitor SAP application performance

TO successfully start an Azure virtual machine that contains SAP. you must have Azure Enhanced Monitoring installed.

If you deploy SAP by using the Azure Resource Manager templates for SAP, Azure Enhanced Monitoring is installed automatically

Answer:

Explanation:

Answer Area

Statements	Yes	No
When configuring an Azure virtual machine the Azure Extension for SAP features are required to monitor SAP application performance	S'	
To successfully start an Azure virtual machine that contains SAP you must have Azure Extension for SAP installed.	■•	
f you deploy SAP by using the Azure Resource Manager templates for SAP, Azure Extension for SAP is installed automatically	•	

Question: 42

HOTSPOT

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 Azure Enhanced Monitoring Extension for SAP stores performance data in an Azure Storage account.		
You can enable the Azure Enhanced Monitoring Extension for SAP on a SUSE Linux Enterprise Server 12 (SLES 12) server by running the Set-AzVMAEMExtension cmdlet.	○	
You can enable the Azure Enhanced Monitoring Extension for SAP on a server that runs Windows Server 2016 by running the Set-AzVMAEMExtension cmdlet.	○	

Answer:

Explanation:

Statements	Yes	No
The Azure Enhanced Monitoring Extension for SAP stores performance data in an Azure Storage account.	○	
You can enable the Azure Enhanced Monitoring Extension for SAP on a SUSE Linux Enterprise Server 12 (SLES 12) server by running the Set-AzVMAEMExtension cmdlet.	○	
You can enable the Azure Enhanced Monitoring Extension for SAP on a server that runs Windows Server 2016 by running the Set-AzVMAEMExtension cmdlet.	○	

Box 1: Yes

The SAP Azure Enhanced Monitoring Extension builds on top of the Azure Diagnostic extension, which stores its data in an Azure Storage account that you specify.

Box 2: Yes

The Set-AzVMAEMExtension cmdlet updates the configuration of a virtual machine to enable or update the support for monitoring for SAP systems that are installed on the virtual machine. The cmdlet installs the Azure Enhanced Monitoring (AEM) extension that collects the performance data and makes it discoverable for the SAP system.

The -OSType specifies the OS. Either Windows or Linux.

Box 3: Yes

Reference:

https://docs.microsoft.com/en-us/azure/azure-monitor/platform/diagnostics-extension-overview

https://docs.microsoft.com/en-us/powershell/module/az.compute/set-azvmaemextension

Question: 43

DRAG DROP

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

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

Answer Area

Answer:

Explanation:

Install the samba-winbind package

Add realm details to /etc/krb5. conf and /etc/samba/smb.conf

Run net ads join -U administrator

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 ofline logon = yes

winbind refresh tickets = yes

/etc/krb5.conf

[libdefaults]

default_realm = EXAMPLE.COM

clockskew = 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

Reference:
https://www.suse.com/support/kb/doc/?id=7018461

Question: 45

HOTSPOT

Your on-premises network contains SAP and non-SAP applications. ABAP-based SAP systems are integrated with IDAP and use user name/password-based authentication for logon.

You plan to migrate the SAP applications to Azure.

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

Answer Area

Statements	Ye*	No
Azure Active Directory (Azure AD) pass-through authenticatuJf^nAbles users to connect to the ABAP baser! SAP systems on Azure by using their on-premises user name/password		
Azure Active Directory (Azure AO) password hash synchronization enables users to connect to the ABAP based SAP systems on Azure by using their on premises user namr/passwerd		
Active Directory Federation Services (AD FS) supports authentication between on premises Active Directory and Azure systems that use different domains		

Answer:

Explanation:

Answer:

Answer Area

Statement*	Ye*	Mo
Azure* Active Dart lory (Aime ADI pat*-through aulhmiicatioJ^matars mett to connect to the ABAP based SAP systems on Azure by using thru cm pterrmrs uwi iiMne/pa»*Monl		
Azure Active TMectoiy (Azure AD) password hMh synrtwnmzation enables mm to connect to the ABAP based SAP systems on Azure by using thru cm premises user cww/passwoed		
Active Directory Federation Services (AD FS) supports sulheniicaticin between on prrrrmei Act** Difrctory and Azure systems that uw ■ hffer«mt domsem		

a* ** I ^ ᴍ ^ Aa ᴀ a* a

Question: 46

DRAG DROP

You deploy an SAP environment on Azure.

You need to grant an SAP administrator read-only access to the Azure subscription. The SAP administrator must be prevented from viewing network information.

How should you configure the role-based access control (RBAC) role definition? To answer, drag the appropriate values to the correct targets. Each value may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Values	Answer Area
"♦/read"	{ "Name": "CustomRoleGBl", "IsCustom": true, "Description"; "",
""Microsoft. Authorization/*/read"	
"Microsoft.Compute/*/read"	
"Microsoft.Insights/f/read"	"Actions": [J,
"Microsoft.Management/uanagementGroups/read"	"NotActions": [ ],
"Microsoft.Network/*/read"	"DataCtions": [], "AssignableScopes": ["/subscriptions/ 0eaef2S3-dlee-423e-a95a-418939eel4ae"
"Microsoft.Resources/*/read"	}
"Microsoft.Storage/*/read"	

Answer:

Explanation:

```
"Name”: “CustomRole001”,
"IsCustom": true,
"Description": "",
"Actions": [ "*/read"                                    ],
                                                    I.
"NotActions”: [ "Microsoft.Network/’/read"                    ],
"DataCtions": [], "AssignableScopes": ["/subscriptions/ 0eaef253-dlee-423e-
a95a-418939eel4ae”]
}
```

Question: 47

You are deploying SAP Fiori lo an SAP environment on Azure.

You are configuring SAML 2.0 for an SAP Fiori instance named FPP that uses client 100 to authenticate to an Azure Active Directory (Azure AD) tenant.

Which provider name should you use to ensure that the Azure AD tenant recognizes the SAP fiori instance?

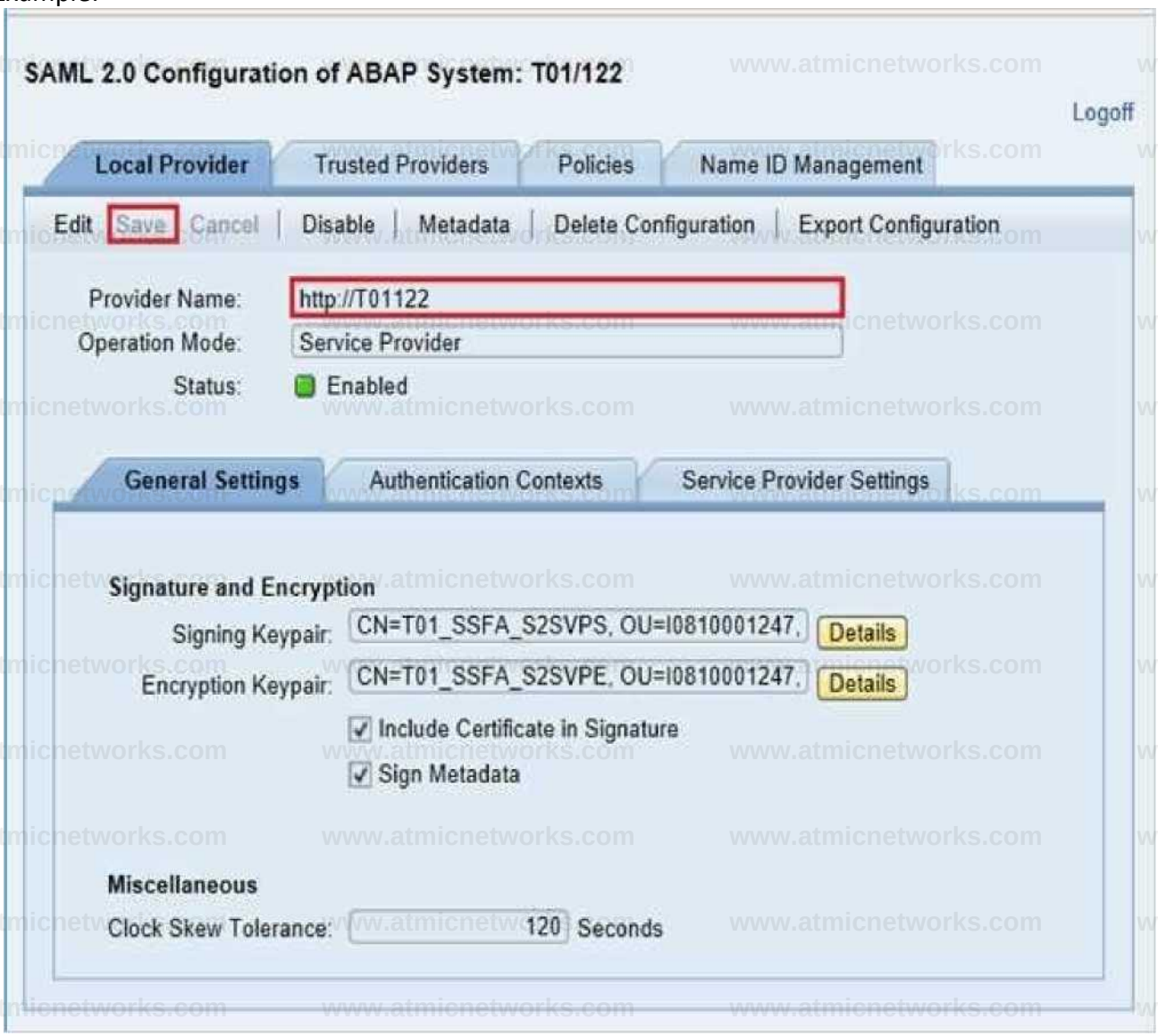
A. ldap://FPP
B. https://FPP
C. ldap://FPP-100
D. https://FPP100

Answer: D

Explanation:

By default, the provider name is in the format <sid><client>. Azure AD expects the name in the format <protocol>://<name>. We recommend that you maintain the provider name as https://<sid><client> so you can configure multiple SAP Fiori ABAP engines in Azure AD.

Example:



Reference:
https://docs.microsoft.com/en-us/azure/active-directory/saas-apps/sap-fiori-tutorial

Question: 48

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_balancerl”,
"location”: "region”, "sku”:
   { "name”: "Standard”},
"properties”: {
   "frontendIPConfigurations”: [
      {
         "name”: "frontendl”,
         "zones”: [ "1” ], "properties”: { "subnet”:
         {
               "Id”: "[variabales('subnetRef')]"

            "privatelPAddress”: "10.0.0.6”,
            "privatelPAllocationMethod”: "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: A

Explanation:
https://docs.microsoft.com/en-us/azure/load-balancer/load-balancer-standard-availability-zones

Question: 49

You plan to migrate an SAP environment to Azure.

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

* Prevent end users from accessing the database servers.

* Isolate the application servers from the database servers.

* Ensure that end users can access the SAP systems over the internet

Minimize the costs associated to the communications between the application servers and database servers

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

A. Configure Azure Traffic Manager to route incoming connections.

B. Configure an infernal Azure Standard Load Balancer for incoming connections.

C. Segregate the SAP application servers and database servers by using different Azure virtual networks.

D. In the same Azure virtual network, segregate the SAP application service and database servers by using different subnets and network security groups.

E. Create a site-to-site VPN between the on premises network and Azure.

Answer: DE

Explanation:

Question: 50

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 SAP.

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 CLI. run the az v aem m set command.

Answer: B

Explanation:

This solution requires the VM Agent to be installed in the Azure Virtual Machines you want to run SAP systems.

Reference:
https://docs.microsoft.com/en-us/azure/virtual-machines/workloads/sap/vm-extension-for-sap

Question: 51

You plan to deploy an SAP environment on Azure. The SAP environment will have landscapes for production, development. and quality assurance.

You need to minimize the costs associated with running the development and quality assurance landscapes on Azure. What should you do?

A. Create Azure Automation runbooks to stop, deallocate, and start Azure virtual machines.

B. Create a scheduled task that runs the stopsap command.

C. Configure scaling for Azure App Service.

D. Configure Azure virtual machine scales sets.

Answer: A

Explanation:

You can optimize your Azure Costs by Automating SAP System Start – Stop using runbooks.

Reference:
https://techcommunity.microsoft.com/t5/running-sap-applications-on-the/optimize-your-azure- costs-by-automating-sap-system-start-stop/ba-p/2120675

Question: 52

HOTSPOT

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.

—-^^^^_>^—_^_^£^5_Z£l£3ttMnX8SBHML ^ ~ - ~ _^^32£!^^^^^^^^^^^^^^^^^^H

Answer Area

Statement#	Nq
You can use SAP Landscape Management (LaMa) Ie autewwte stoppirm, starling, and deallocating SAP virtual machines.	
You cart use SAP Solution Manager to automate stopping, starling, and deallocating SAP virtual machines.	
You can use SAP MANIA Cockpit to automate stopping, starting, and deallgeatmg SAP virtual machines.	

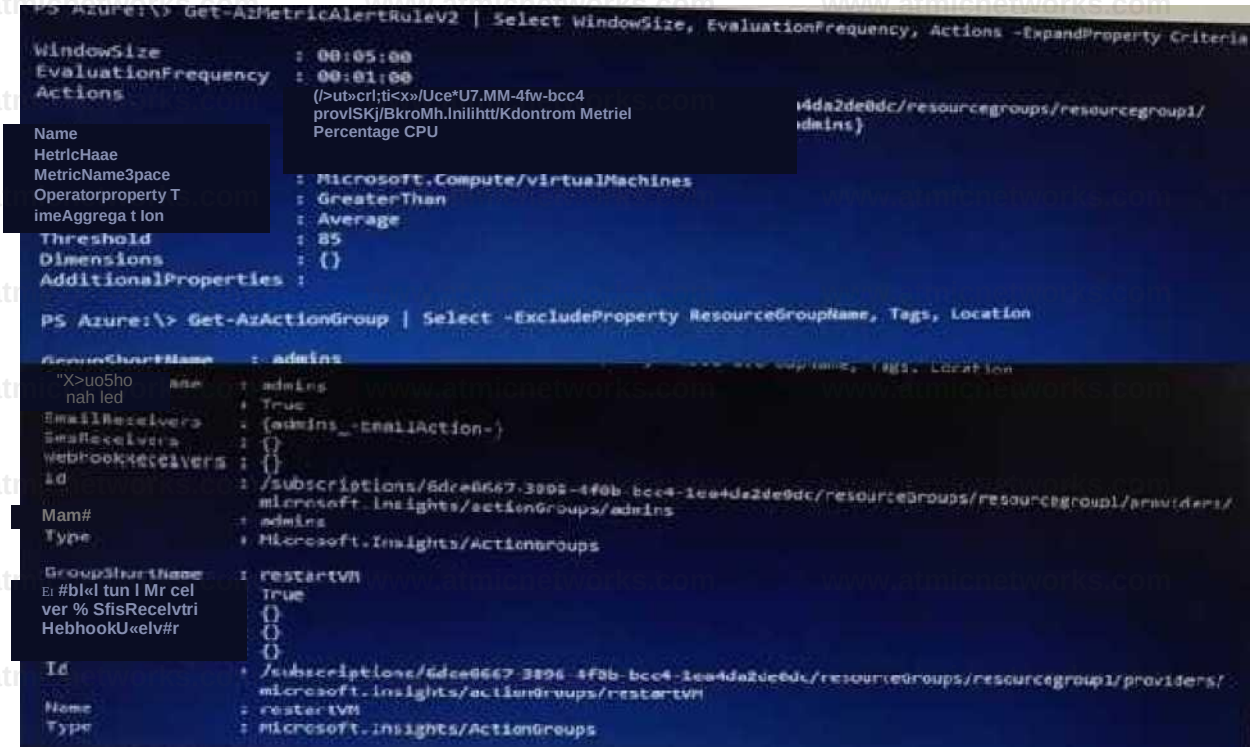
Answer:

Explanation:

Question: 53

HOTSPOT

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



Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.

NOTE: Each correct selection is worth one point.

The admins action group will be notified if the average CPU usage rises above 85% for

one minute
five minutes
one second

The **[answer choice]** when the alert is triggered

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

Answer:

Explanation:

The admins action group will be notified if the average CPU usage rises above 85% for

- one minute
- five minutes
- one second

The **[answer choice]** when the alert is triggered

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

Box 1: five minutes
Window Size is 5 minutes.

Box 2: admins action group will be emailed
The admins1 actiongroup will be executed.

Reference:
https://docs.microsoft.com/en-us/azure/azure-monitor/alerts/alerts-metric-overview

Question: 54

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

Explanation:

Question: 55

DRAG DROP

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 SAMI 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.xmi file to the SAP NetWeaver Trusted Providers

Implement Active Directory Federation Services (AD FS).

Explanation:

Answer:

Answer:

Actions

Configure SAML single sign-on (SSO)

Add SAP NetWeaver from the Azure AD applicatr^r 4 gallery.

Add SAP Cloud Platform Identity from the Azure AD application gallery.

Create and upload the service provider metadata Azure AD.

Upload the FedcrationMetadataxml file to the SAI; < NetWeaver Truster! Provider-.

Answer Ama

Add SAP NetWeaver from the Azure AD apphcat

Implement Active Directory Federation Service-.

Add SAP Cloud Platform Identity from the Azurr application gallery.

Configure SAMI, single sign on (SSO)

Implement Active Directory Federation Services (AD FS)

Question: 56

You have a n SAP environment on Azure.

Your on-premises network uses a 1-Gbps ExpresRoute circuit to connect to Azure Private peering is enabled on the circuit. The default route (0.0.0.0/0) from the on-premises network is advertised You need to resolve the issue without modifying the ExpresRoute circuit. The solution must minimize administrative effort.

What should you do?

A. Create a user-defined route tint redirects traffic to the Blob storage.

B. Create an application security group.

C. Change the backup solution to use a third-party software that can write to the Blob storage.

D. Enable virtual network service endpoints.

Answer: D

Explanation:

Private endpoint enables connectivity between the consumers from the same ExpressRoute.

Note: Consult with SAP HANA on Microsoft Service Management. If they advise you to increase the bandwidth of the SAP HANA on Azure (Large Instances) ExpressRoute circuit, create an Azure support request. (You can request an increase for a single circuit bandwidth up to a maximum of 10 Gbps.)

Reference:
https://docs.microsoft.com/en-us/azure/private-link/private-endpoint-overview

https://docs.microsoft.com/bs-cyrl-ba/azure/virtual-machines/workloads/sap/hana-additional- network-requirements#increase-expressroute-circuit-bandwidth

Question: 57

DRAG DROP

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.

Answer Area

Tools

SAP heterogeneous system copy

Software Update Manager (SUM) Database Migration Option (DMO) with System Update

Software Update Manager (SUM) Database Migration Option (DMO) with System Move

Software Update Manager (SUM) Database Migration Option (DMO) without System Update

To migrate the SAP ERP system: [ ]

To migrate the portal: [ ]

Answer:

Explanation:

1) SUM+DMO+System update.
2) Heterogeneous system copy.

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

Question: 58

HOTSPOT

You have an on-premises SAP environment.

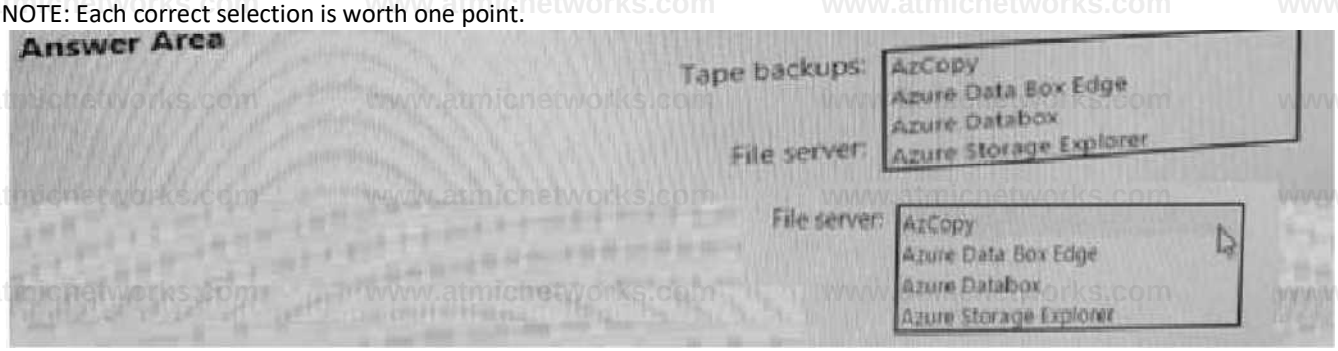
Backups are performed by using tape backups. There are SO TB of backups.

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

Explanation:

Tape Backups - Azure Databox
File Server - Azure Storage Explorer

Question: 59

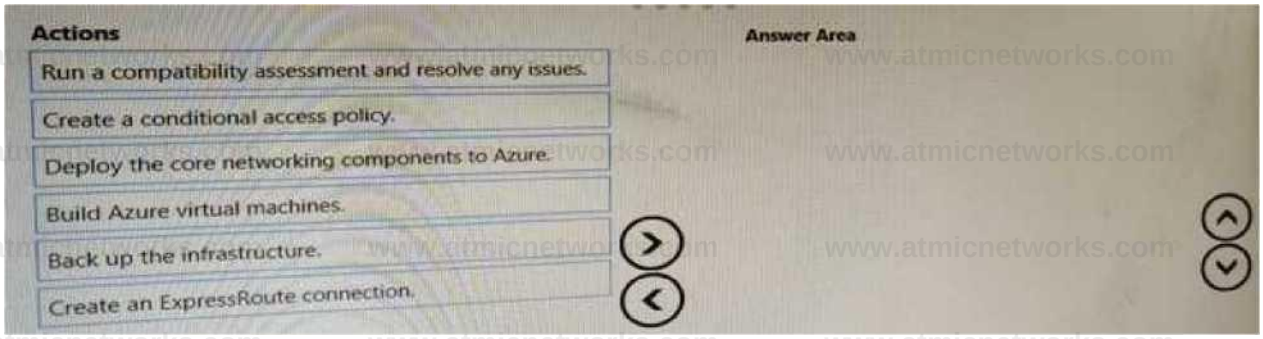
DRAG DROP

A customer has an on-premises SAP environment.

The customer plans to migrate SAP to Azure.

You need to prepare the environment for the planned migration.

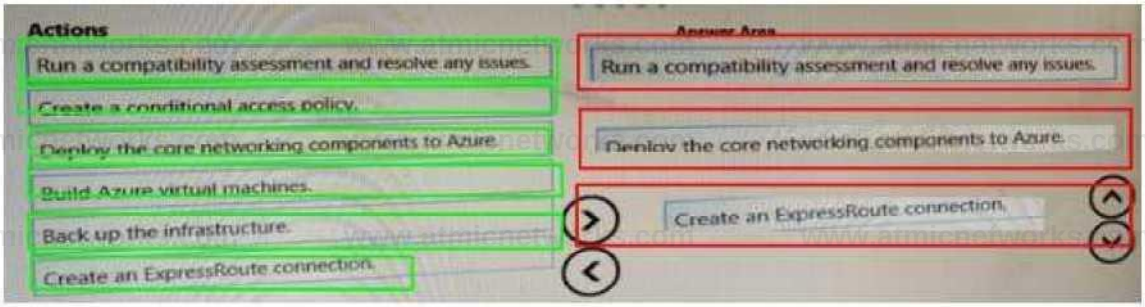
Which three actions should you perform in sequence before the migration? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.



Answer:

Explanation:

Answer:



Question: 60

You have an SAP ERP Central Component (SAP ECQ) environment on Azure.
You need to add an additional SAP application server to meet the following requirements:

- Provide the highest availability.
- Provide the fastest speed between the new server and the database.

What should you do?

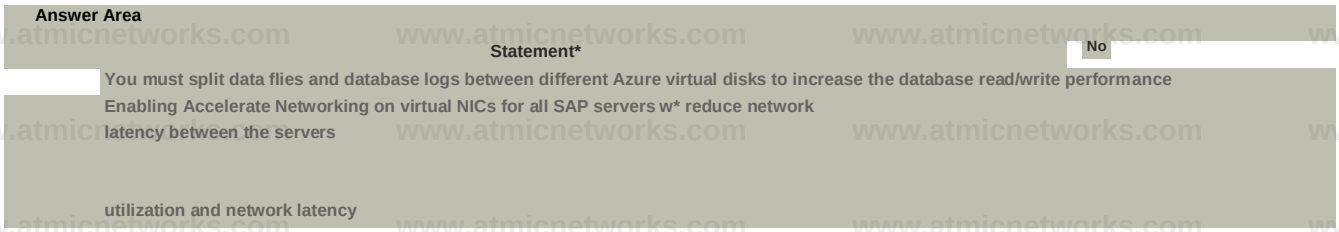
A. Place the new server in a different Azure Availability Zone than the database.
B. Place the new server in the same Azure Availability Set a? the database and the other application servers.
C. Place the new server in the same Azure Availability Zone as the database and the other application servers.

Answer: A

Explanation:

Question: 61

HOTSPOT
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:

Explanation:

Statements	Yes	No
You must split data files and database logs between different Azure virtual disks to increase the database read/write performance	○	○
Enabling Accelerate Networking on virtual NICs for all SAP servers will reduce network latency between the servers	○	○
When you use SAP HANA on Azure (Large Instances), you should set the MTU on the primary network interface to match the MTU on SAP application servers to reduce CPU utilization and network latency	○	○

Box 1: Yes

The following is a quick checklist of storage configuration best practices for running your SQL Server on Azure VM: Place data, log, and tempdb files on separate drives.

Box 2: Yes

Accelerated networking enables single root I/O virtualization (SR-IOV) to a VM, greatly improving its networking performance. This high-performance path bypasses the host from the data path, which reduces latency, jitter, and CPU utilization for the most demanding network workloads on supported VM types.

Box 3: No

Note: The maximum transmission unit (MTU) is the largest size frame (packet), specified in bytes, that can be sent over a network interface. The MTU is a configurable setting. The default MTU used on Azure VMs, and the default setting on most network devices globally, is 1,500 bytes.

Reference:

https://docs.microsoft.com/en-us/azure/virtual-network/create-vm-accelerated-networking- powershell

https://docs.microsoft.com/en-us/azure/azure-sql/virtual-machines/windows/performance- guidelines-best-practices-checklist

Question: 62

You have an SAP environment on Azure.

our on-promises network connects to Azure by using a site-to-site VPN connection.

6u need to alert technical support if the network bandwidth usage between the on-premises network and Azure exceeds 900 Mbps 10 minutes.

What should you use?

A. Azure Network Watcher

B. NIPING

C. Azure Monitor

D. Azure Enhanced Monitoring for SAP

Answer: C

Explanation:

You set up alerts on Azure VPN Gateway metrics. Azure Monitor provides the ability to set up alerts for Azure resources.

You can set up alerts for virtual network gateways of the "VPN" type.

Metric: AverageBandwidth: Average combined bandwidth utilization of all site-to-site connections on the gateway.

Reference:
https://docs.microsoft.com/bs-latn-ba/azure/vpn-gateway/vpn-gateway-howto-setup-alerts-virtual- network-gateway-metric

Question: 63

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.

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

Question: 64

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:

F. 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.

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

Question: 65

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: A

Explanation:

Both R3load and SSMA can be used to migrate from DB2 to SQL Server. In the options there is not SSMA, but SSMS, the SSMS cannot be use to migrate DB2 to SQL Server. please refer to:
https://techcommunity.microsoft.com/t5/running-sap-applications-on-the/sap-os-db-migration-to-sql-server-faq/ba-p/366986

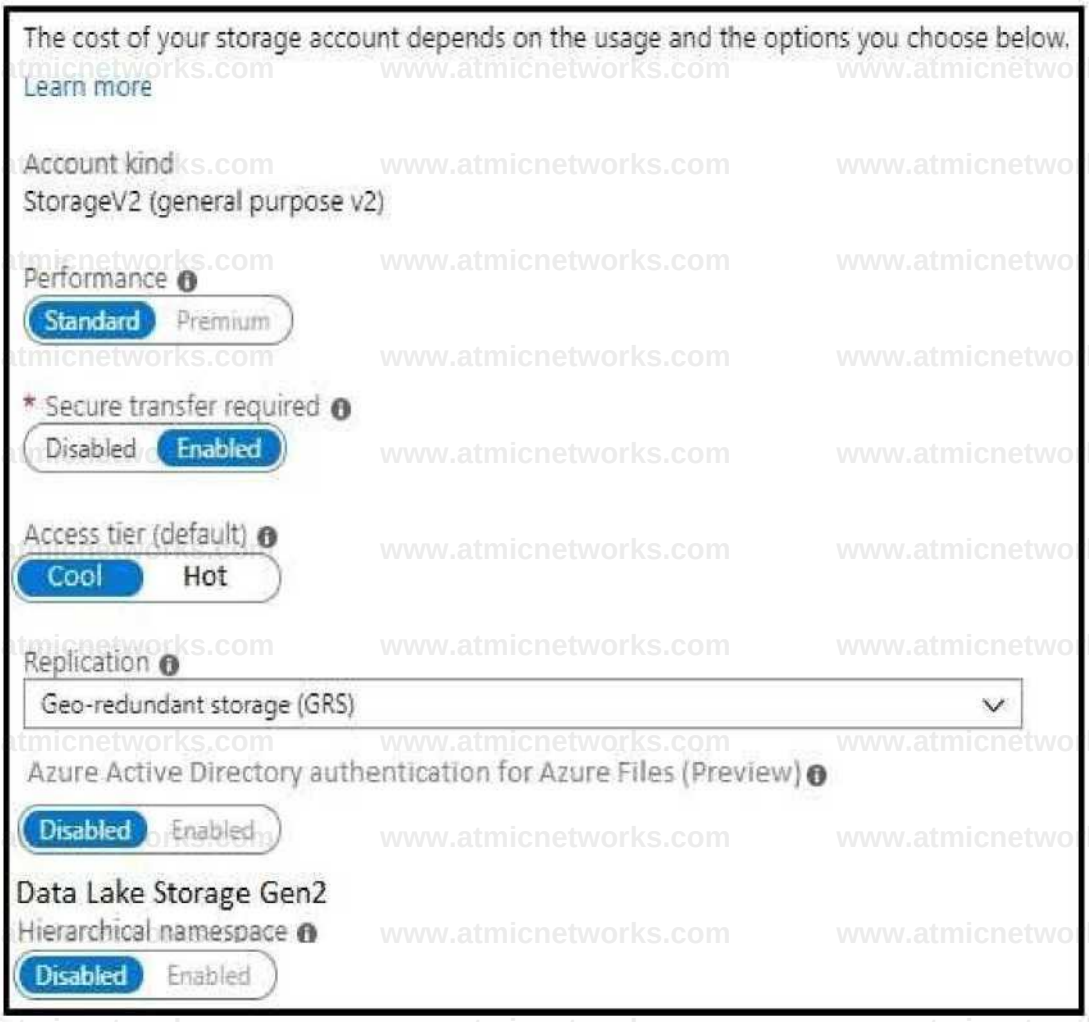
https://sapnwnewbie.blogspot.com/2013/07/osdb-migration-cmd-str-toc-ext-r3load.html
https://docs.microsoft.com/en-us/sql/ssma/sql-server-migration-assistant?view=sql-server-ver15
https://docs.microsoft.com/en-us/sql/ssms/sql-server-management-studio-ssms?view=sql-server-ver15

Question: 66

HOTSPOT

You are designing the backup for an SAP database.

You have an Azure Storage account that is configured as shown in the following exhibit.



Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.

NOTE: Each correct selection is worth one point.

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

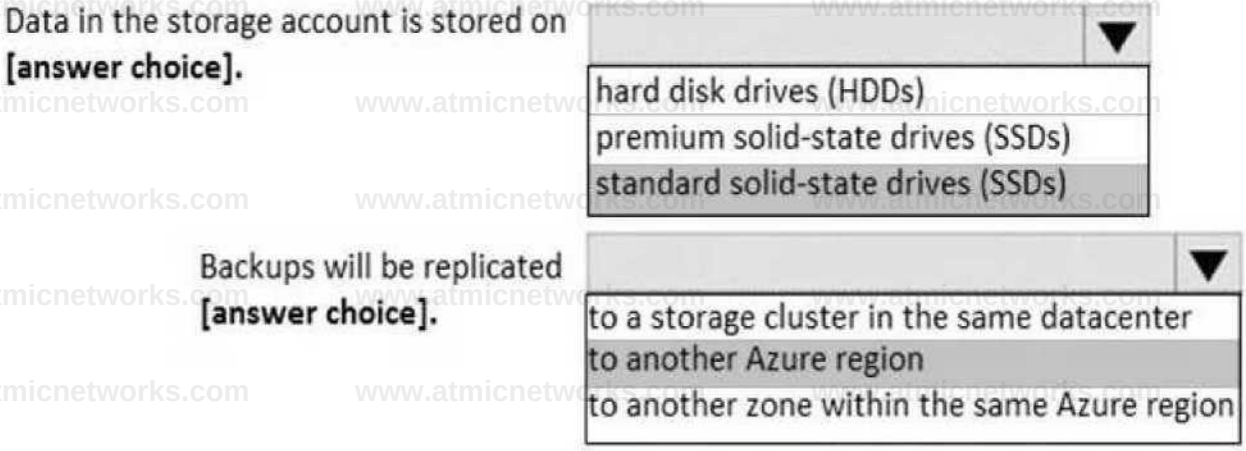
hard disk drives (HDDs)
premium solid-state drives (SSDs)
standard solid-state drives (SSDs)

Backups will be replicated [answer choice].

to a storage cluster in the same datacenter
to another Azure region
to another zone within the same Azure region

Answer:

Explanation:



Box 1: hard disk drives (HDDs)

Box 2: to another Azure region

Geo-redundant storage (GRS) copies your data synchronously three times within a single physical location in the primary region using LRS. It then copies your data asynchronously to a single physical location in a secondary region that is hundreds of miles away from the primary region.

Reference:

https://azure.microsoft.com/en-us/pricing/details/managed-disks/

https://docs.microsoft.com/en-us/azure/storage/common/storage-redundancy#geo-redundant- storage

https://docs.microsoft.com/en-us/azure/virtual-machines/workloads/sap/planning-guide- storage#azure-standard-hdd-storage

Question: 67

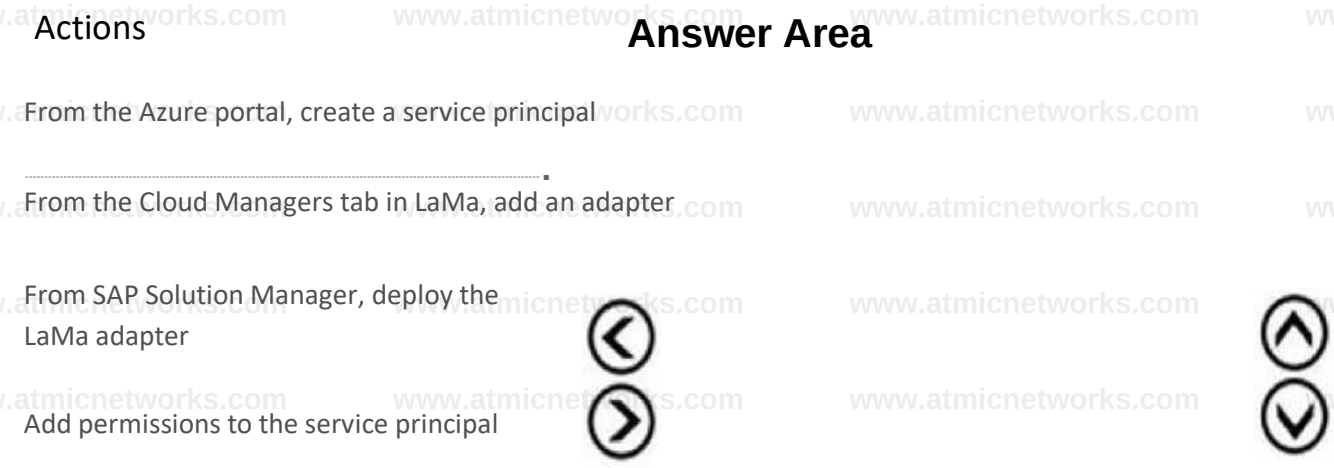
DRAG DROP

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.



Answer:

Explanation:

From the Azure portal, create a service principal

Add permissions to the service principal

From the Cloud Managers tab in LaMa, add an adapter

Install and configure LaMa on an SAP NetWeaver instance

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.

Reference:

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

https://docs.microsoft.com/en-us/learn/modules/maintain-azure-sap-workloads/2-set-up-remote- management

Question: 68

HOTSPOT

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.	0	0
You can host SAP databases on Azure by using Oracle on a virtual machine that runs Windows Server 2016.	0	
You can host SAP databases on Azure by using Oracle on a virtual machine that runs SUSE Linux Enterprise Server 12 (SLES 12).	○	○

Answer:

Explanation:

1. No

Oracle Data Guard running in Maximum Availability mode. Currently, Oracle Real Application Clusters (RAC) is not supported in Azure – either for high availability or for scalability

2. Yes
3. No

The following OS versions are supported with the Oracle Database on Microsoft Azure:

Windows Server 2019 (only from Oracle Database 19.5.0 on)
Windows Server 2016 (only from Oracle Database 12.2.0.1 on)
Windows Server 2012 (no support for Oracle Database 19c)
Windows Server 2012 R2
Windows Server 2008 R2 Service Pack 1 (no support for Oracle 12.2.0.1)
Oracle Linux 7
Oracle Linux 8 (only from Oracle Database 19.7.0 on)

https://techcommunity.microsoft.com/t5/running-sap-applications-on-the/windows-2016-is-now-generally-available-for-sap/ba-p/368021

Question: 69

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.

Incorrect Answers:
E. SAP HANA Cockpit is an administrative tool with a web interface for a correspondingly named database engine, a part of SAP ERP software. It allows both ofline and cloud operations for managing databases,

Reference:
https://searchcloudcomputing.techtarget.com/definition/Azure-Migrate

Question: 70

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: A, D

Explanation:

Reference:
https://wiki.scn.sap.com/wiki/display/SM/Hardware+Capacity+Checks+in+EWA

Question: 71

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.

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

https://www.microsoft.com/en-us/itshowcase/strategies-for-migrating-sap-systems-to-microsoft- azure

Question: 72

You plan to migrate an on-premises SAP development system to Azure.
Before the migration, you need to check the usage of the source system hardware, such as CPU, memory, network, etc.
Which transaction should you run from SAP GUI?

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

Answer: D

Explanation:

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

Incorrect Answers:
A: Transaction code SM51 is to display list of active application servers that have registered in the SAP message server.
B: DB01 is a transaction code used for Analyze Exclusive Lockwaits in SAP.
C: Transaction code DB12 is to collects and presents information that is necessary to monitor database backups.

Reference:
http://www.saptransactions.com/codes/OS07N/

Question: 73

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

SAP systems based on SAP HANA and SAP Adaptive Server Enterprise (SAP ASE) that run on SUSE 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.

Incorrect Answers:
C: Data volume management is a framework that helps the solution operations team of an SAPcentric solution to balance the need of business' access to a wealth of data and IT efforts to monitor and control data growth and to minimize data volume.

Reference:
https://blogs.sap.com/2009/02/20/sap-solution-manager-overview-for-dummies/

Question: 74

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: B

Explanation:

https://docs.microsoft.com/en-us/azure/virtual-machines/workloads/sap/hana-backup-restore

Question: 75

HOTSPOT

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements	yes	No
SAP HANA certification for M-Series Azure virtual machines requires that Write Accelerator be enabled on the /hana/data volume.		O
SAP HANA certification for M-Series Azure virtual machines requires that Write Accelerator be enabled on the /hana/log volume.		
To enable Write Accelerator, you must use Azure Premium managed disks.		

Answer:

Explanation:

Statements	yes	No
SAP HANA certification for M-Series Azure virtual machines requires that Write Accelerator be enabled on the /hana/data volume.		
SAP HANA certification for M-Series Azure virtual machines requires that Write Accelerator be enabled on the /hana/log volume.		
To enable Write Accelerator, you must use Azure Premium managed disks.		

Box 1: No

Box 2: Yes

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

Azure Premium SSD - /hana/log is required to be cached with Azure Write Accelerator. The /hana/data volume could be

placed on Premium SSD without Azure Write Accelerator or on Ultra disk

Box 3: Yes

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

Question: 76

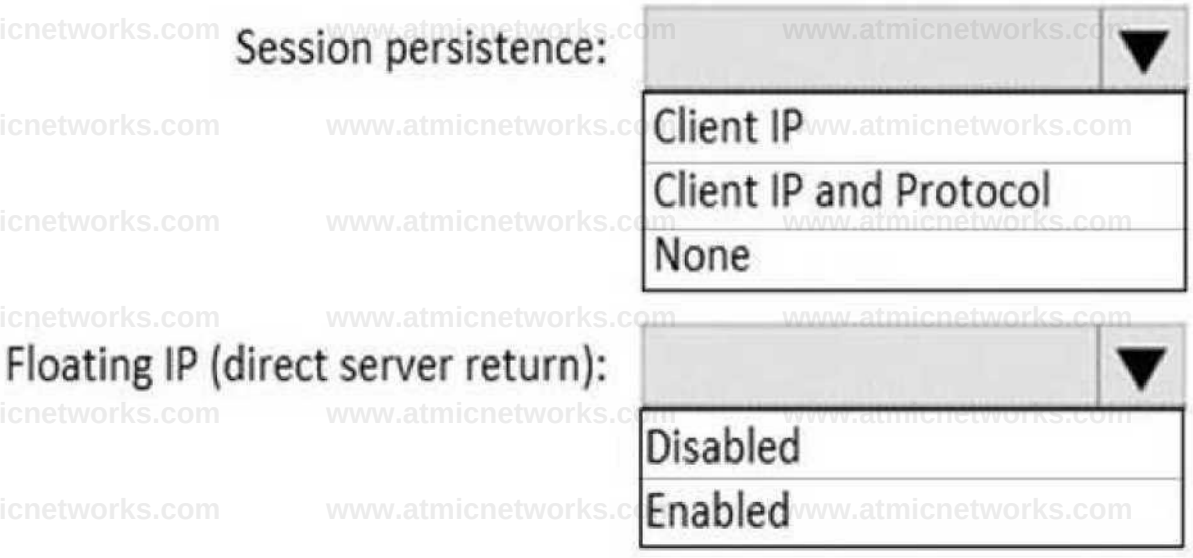
HOTSPOT

You plan to deploy a highly available ASCS instance to SUSE Linux Enterprise Server (SLES) virtual machines in Azure.

You are configuring an internal Azure Standard Load Balancer for the ASCS instance.

How should you configure the internal Standard Load Balancer? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.



Answer:

Explanation:

Session persistence: None.
Floating IP: Enabled.

Reference:
https://docs.microsoft.com/en-us/azure/virtual-machines/workloads/sap/high-availability-guide-suse

Question: 77

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

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

Which Azure components should you use?

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

Answer: C

Explanation:

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

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

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

Question: 78

HOTSPOT

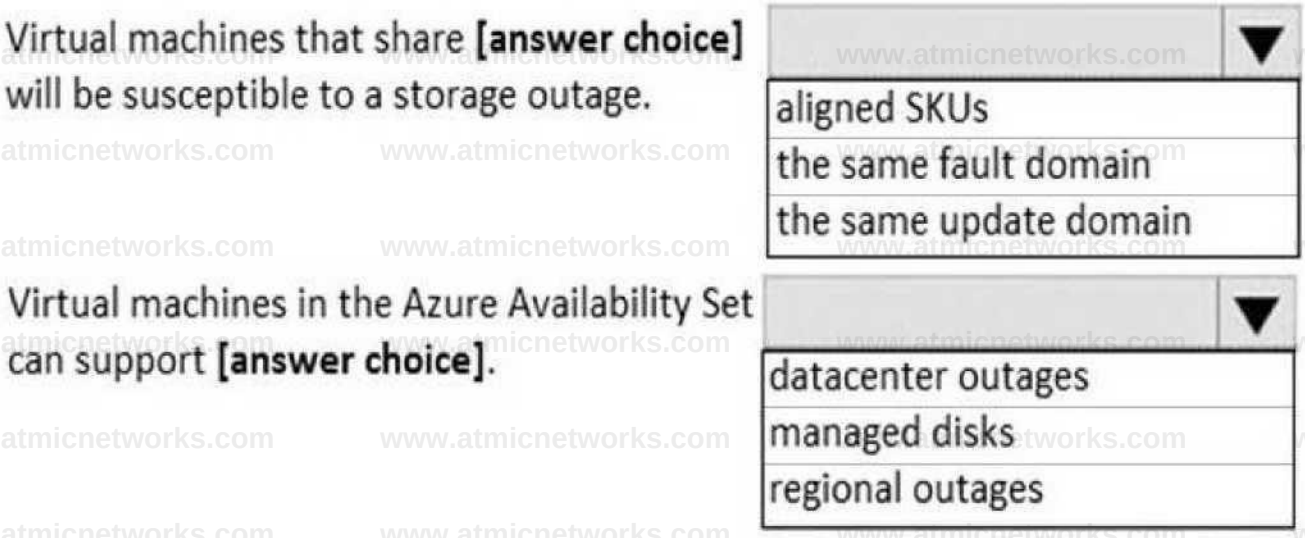
You have an Azure Availability Set that is configured as shown in the following exhibit.

```
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
```

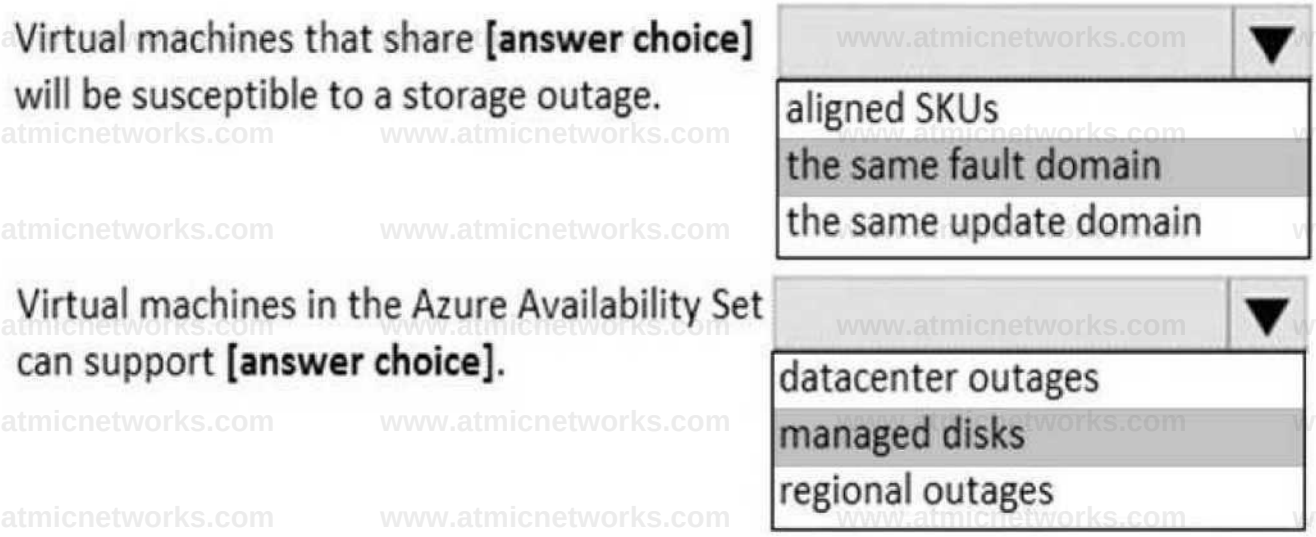
Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.

NOTE: Each correct selection is worth one point.



Answer:

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.

Reference:
https://docs.microsoft.com/en-us/azure/virtual-machines/windows/manage-availability

Question: 79

You plan to deploy an SAP environment on Azure that will use Azure Availability Zones.

Which load balancing solution supports the deployment?

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

Answer: B

Explanation:

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

You can't use an Azure Basic Load Balancer to create failover cluster solutions based on Windows Server Failover Clustering or Linux Pacemaker. Instead, you need to use the Azure Standard Load Balancer SKU.

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

Question: 80

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 servers

SAP HANA on Azure (Large Instances) that uses SAP HANA system replication for high availability and disaster recovery

B. ASCS/ERS and SLES clustering that uses the Pacemaker fence agent

SAP application servers deployed to an Azure Availability Zone

SAP 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 Set

SAP 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 Set

SAP 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.

Reference:
https://docs.microsoft.com/en-us/azure/traffic-manager/traffic-manager-faqs

Question: 81

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.

Reference:
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

Question: 82

DRAG DROP

You have a large and complex SAP environment on Azure.

You are designing a training landscape that will be used 10 times a year.

You need to recommend a solution to create the training landscape. The solution must meet the following requirements:

Minimize the effort to build the training landscape.

Minimize costs.

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

Actions

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

Answer Area

Answer:

Explanation:

Build Snapshot Custom Image Deliver Training Shutdown

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

Question: 83

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.

Reference:

https://docs.microsoft.com/en-us/azure/architecture/reference-architectures/hybrid- networking/vpn

Question: 84

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.

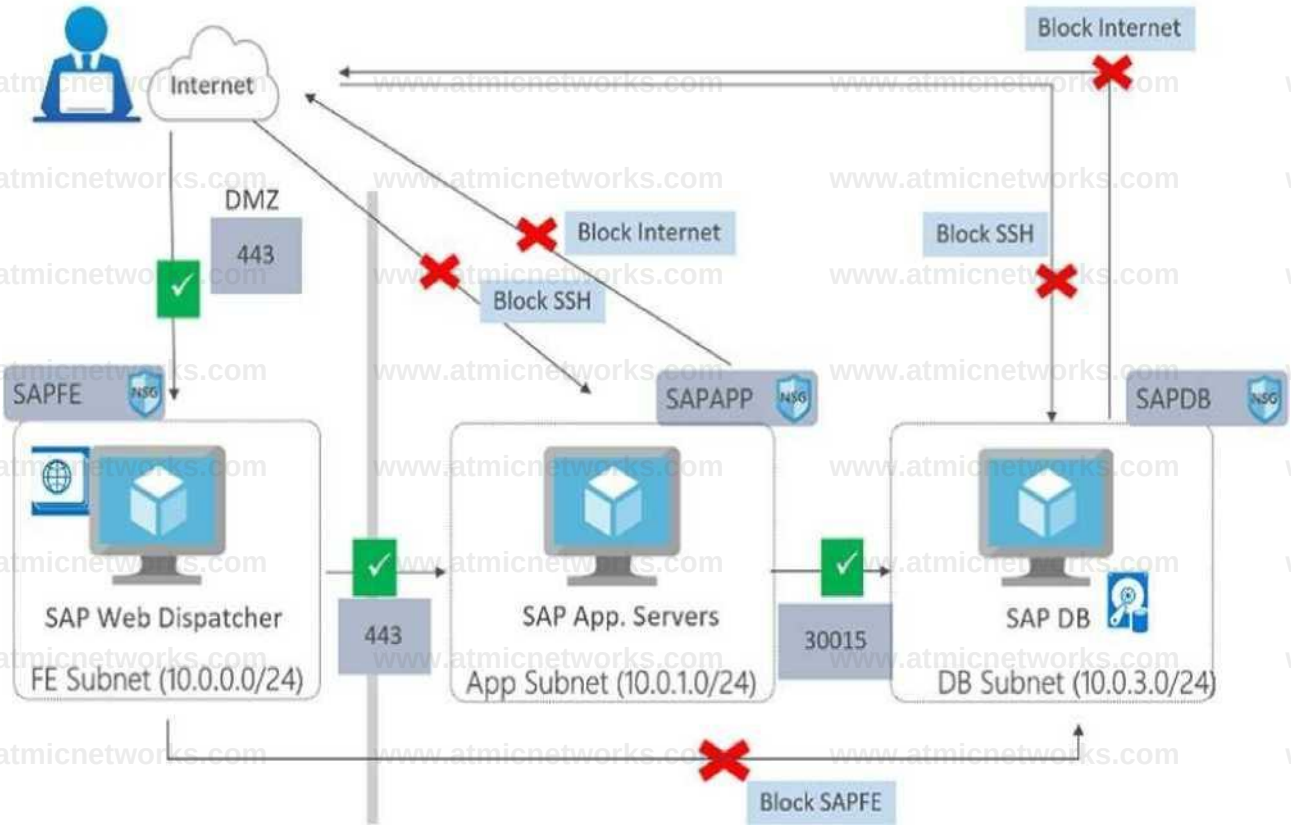
What should you include in the design?

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.



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

Question: 85

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: B

Explanation:

https://github.com/MicrosoftDocs/azure-docs/issues/32537
https://azure.microsoft.com/en-us/blog/vnet-peering-and-vpn-gateways/

Question: 86

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:

https://documentation.suse.com/sbp/all/pdf/SAP_NW740_SLE12_SetupGuide_color_en.pdf

Question: 87

DRAG DROP

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

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

How should you complete the commands? To answer, drag the appropriate values to the correct targets. Each value may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Values

- sap-ase
- sap-bobj
- sapconf
- sap-hana
- sap-netweaver
- saptune
- tuned

Answer Area

osprompt> more /etc/sysconfig/ Value

osprompt> more /usr/lib/tuned/ Value

Answer:

Explanation:

Box 1: sapconf
The configuration is split into two parts:
/etc/sysconfig/sapconf
/usr/lib/tuned//tuned.conf

Box 2: sap-hana

Reference:
https://blogs.sap.com/2017/12/22/prepare-your-linux-for-your-sap-solution-with-saptune/

Question: 88

You are deploying an SAP environment on Azure that will use an SAP HANA database server.
You provision an Azure virtual machine for SAP HANA by using the M64s virtual machine SKU.
You need to set the swap space by using the Microsoft Azure Linux Agent (waagent) configuration file.
Which two settings should you configure? Each correct answer presents part of the solution.
NOTE: Each correct selection is worth one point.

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

Answer: CD

Explanation:

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

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

Question: 89

HOTSPOT

You have the following Azure Resource Manager template.

```
“Sschema" “https //schema management azure com/schemas/2015-01-01 /deploymentTemplate json#’,
“contentversion7: "10 0 O’,
“parameters’: 0,
“resources" [
  {
    'apiVersion': "2016-01-01",
    ‘type’: ‘Microsoft Storage/storageAccounts",
    "name" ‘[concal(copylndex(), ‘storage’, uniqueStnng(resourceGroup().id))] ,
    ’location’’: *[rcsourc'-6foup{).location]
    *sku’: {
      ‘name": “Premium_LRS"

    ‘kind" "Storage",
    ■properties": {}.
    'copy’: {
      “name": “storagecopy0,
      "count" 6,
      "mode": “Serial",
      ‘batchSize’. 1
```

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

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

Answer:

Explanation:

Box 1: Yes
Count is 6.

Box 2: No
Mode is serial.

Box 3: NO

Reference:
https://docs.microsoft.com/en-us/azure/azure-resource-manager/templates/copy-resources

Question: 90

You plan to deploy an SAP environment on Azure.

You plan to store all SAP connection strings securely in Azure Key Vault without storing credentials on the Azure virtual machines that host SAP.

What should you configure to allow the virtual machines to access the key vault?

A. Azure Active Directory (Azure AD) Privilege Identity Manager (PIM)
B. role-based access control (RBAC)
C. a Managed Service Identity (MSI)
D. the Custom Script Extension

Answer: C

Explanation:

To reference a credential stored in Azure Key Vault, you need to:

1. Retrieve data factory managed identity
2. Grant the managed identity access to your Azure Key Vault
3. Create a linked service pointing to your Azure Key Vault.
4. Create data store linked service, inside which reference the corresponding secret stored in key vault.

Reference:
https://docs.microsoft.com/bs-latn-ba/azure/data-factory/store-credentials-in-key-vault

Question: 91

HOTSPOT

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).		
Azure Enhanced Monitoring is required to monitor the performance of SAP HANA on Azure (Large Instances).		
You can use the SAP HANA HW Configuration Check Tool (HWCCT) to monitor SAP HANA running on SAP HANA on Azure (Large Instances).		

Answer:

Explanation:

Box 1: Yes

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

Reference:

http://www.deployazure.com/compute/virtual-machines/sap-azure-enhanced-monitoring- extension/

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

Question: 92

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.

Reference:

https://docs.microsoft.com/en-us/powershell/scripting/dsc/getting-started/azuredscexthistory

Question: 93

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.

Incorrect Answers:

D: You can check the configuration of a virtual machine by calling the Test-VMConfigForSAP_GUI commandlet.

Reference:

https://docs.microsoft.com/en-us/powershell/module/az.compute/get-azvmdiagnosticsextension

Question: 94

DRAG DROP

You need to connect SAP HANA on Azure (Large Instances) to an Azure Log Analytics workspace.

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

Actions

Answer Area

Install the Azure Enhanced Monitoring Extension for SAP on SAP HANA on Azure (Large Instances).

On the gateway, run Import-Module OMSGateway and Add- OMSGatewayAllowedHost, _____

Configure a Log Analytics gateway on the virtual network that has connectivity to the SAP HANA on Azure (Large Instances) instance.

Install the Log Analytics client on the SAP HANA on Azure (Large Instances) instance.

Configure a Log Analytics gateway server as a proxy for the Log Analytics client on SAP HANA on Azure (Large Instances).

Answer:

Explanation:

3 5 2 4

Reference:

http://www.deployazure.com/compute/virtual-machines/sap-azure-enhanced-monitoring- extension/

https://docs.microsoft.com/en-us/azure/azure-monitor/platform/gateway

Question: 95

HOTSPOT

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.		
You can segregate the SAP application layer and the DBMS layer into different subnets in the same virtual network.		
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.		

Answer:

Explanation:

Box 1: NO

Box 2: Yes

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.

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

Question: 96

DRAG DROP

You plan to deploy multiple SAP HANA virtual machines to Azure by using an Azure Resource Manager template.

How should you configure Accelerated Networking and Write Accelerator in the template? To answer, drag the appropriate values to the correct targets. Each value may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Values

"false",

"none",

"true",

Answer Area

```
"apiVecsion": ■201M6-01",
"type": "Microsoft.Network/networklnterfaces",
"name": " [concat (parameters (' vmNamc'), '-static ')] ",
"location": "[resourcoGroup().location]", "properties"; (
"enableAcceleratedNetworking":
"ipConfigurations": [
"name": "ipconfigl",
"properties": (
"privateI PAIlocationMethod": "Static",
"privateIPAddress": "[parameters<'StaticIP') ]",
"subnet": [
"id": " (variables (' subnetRef )]"
I
1
```

```
"apiVersion": "2014-12-01",
"type": "Microsoft.Compute/virtualMachines",
"name": " [parameters ('vmN'ame'>] "»
"location": " [resourceGroupO .location]",
"dependsOn": [
h
"properties": (
"availabilitySet": [
"id": "[resourceld('Microsoft.Compute/availabilitySets',parameters('Avails©tName')) ]"
"haxdwarePxofile": (
"vmSixe": "Standaxd_M64ms"
"osProfile": (
"computerName": " [parameters('vmName*) ]",
"adminUsername": "[parameters('vmUserName') ]",
"adminPasswoxd": "[parameters('vsPasswoxd')]" b "storageprofile":
(
"imageReferea.ee": (
"publisher": "RedRat", "offer": "RHEL-SAP-KANA", "sku": "7.2", "version": "latest"
},
"osDisk": (
"creotcOption": "Promimage"
Jr "dataDisks": [ (
"lun": 7,
"name" : "[concat(parameters('vmName'), '-log')]", "createOption": "Empty",
"wrxteAcceleratorEnabled":
"diskSizeGB" : 2048,
"managedoisk" : (
"stoxageAccountType" : "Premium IRS"
```

b

```
"networkprofile": (
"networkinterfaces": [
"id":"|xesouxceld('Microsoft.Network/networkintexfaces',cor.cat(parameters('vmName'), •-static ' M ] "
1
```

Answer:

Explanation:

Values

"false",

"none",

"true",

Answer Area

```
"apiVecsion": ■201M6-01",
"type": "Microsoft.Network/networklnterfaces", "name": " [concat (parameters (' vmNamc'), '-static ')] ", "location":
"[resourcoGroup().location]", "properties"; (
        "enableAcceleratedNetworking":            "e^na"

        "ipConfigurations": [
                "name": "ipconfigl",
                "properties": (
                        "privateIPAllocationMethod": "Static",
                        "privateIPAddxesa": "[parameters('StaticIP*)]", "subnet": [
                                "id": "(variables('subnetRef')]*
                I

        1

"apiVersion": "2014-12-01",
"type": "Microsoft.Compute/virtualMachines",
"name": " [parameters (' vmName') ] ",
"location": "[resourceGroup() .location]",
"depaadsOn": (
h
"properties": {
      "availabilitySet":{
          "id": "[reaourceld('Microsoft.Compute/availabilitySets',parameters('AvailSetName'))]" b
      "haxdwarePxofile": (
          "vmSixe": "Standaxd_M64ms"

      "osProfile": (
          "computerName": "[parameters('vmName*) ]",
          "adminUsername": "[parameters(*vmUserNane') ]",
          "adminPasswoxd": "[parameters('vsPasswoxd')]" b "storageprofile": (

          "imageReferea.ee": {
              "publisher": "RedRat",
              "offer": "RHEL-SAP-KANA", "sku": "7.2", "version": "latest*
                },
                "osDisk": {
              "creotcOption": "Promimage"
          b
          "dataDisks": (
              {
                  "lun": 7,
                  "name" : "[concat(parameters('vnName'), '-log')]", "createOption": "Empty",

                  "wrxteAcceleratorEnabled":            "tXUO",

                  "diskSizeGB" : 2048,
                  "managedoisk" : (
                      "stoxageAccoontType" : "Premium IRS"

          1

      b
      "networkprofile": (
        "networkinterfaces": [

              "id":"|xesouxceld('Microsoft.Network/networkintexfaces',coneat(parameters('vmNasie'), •-static 'M ] "

        1
```

Box 1: true

enableAcceleratedNetworking: If the network interface is accelerated networking enabled.

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

Box 2: true

Write Accelerator should be used for the volumes that contain the transaction log or redo logs of a DBMS. It is not recommended to use Write Accelerator for the data volumes of a DBMS as the feature has been optimized to be used against log disks.

Reference:

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

Question: 97

This question requires that you evaluate the underlined BOLD text to determine if it is correct. You have an Azure resource group that contains the virtual machines for an SAP environment. You must be assigned the Contributor role to grant permissions to the resource group.

Instructions: Review the underlined text. If it makes the statement correct, select "No change is needed". If the statement is incorrect, select the answer choice that makes the statement correct.

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

Answer: B

Explanation:

Contributor - Can create and manage all types of Azure resources but can't grant access to others. User Access Administrator - Lets you manage user access to Azure resources.

Reference:
https://docs.microsoft.com/en-us/azure/role-based-access-control/overview

Question: 98

HOTSPOT

Your on-premises network contains SAP and non-SAP applications.

You have JAVA-based SAP systems that use SPNEGO for single-sign on (SSO) authentication.

Your external portal uses multi-factor authentication (MFA) to authenticate users.

You plan to extend the on-premises authentication features to Azure and to migrate the SAP applications to Azure.

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
Azure Active Directory (Azure AD) pass-through authentication can be used to enable MFA for on-premises users.	0	0
Azure Active Directory (Azure AD) password hash synchronization ensures that users can use on their on-premise credentials to authenticate to ABAP-based SAP systems on Azure.	0	0
Active Directory Federation Services (AD FS) can be used to enable MFA for on-premises users.	0	

Answer:

Explanation:

Box 1: Yes

Box 2: Yes

Password hash synchronization is one of the sign-in methods used to accomplish hybrid identity.

Azure AD Connect synchronizes a hash, of the hash, of a users password from an on-premises Active Directory instance to a cloud-based Azure AD instance.

Password hash synchronization is an extension to the directory synchronization feature implemented by Azure AD Connect sync. You can use this feature to sign in to Azure AD services like Office 365. You sign in to the service by using the same password you use to sign in to your on-premises Active Directory instance.

Box 3: Yes

If your organization is federated with Azure AD, you can use Azure Multi-Factor Authentication to secure AD FS resources, both on-premises and in the cloud. Azure MFA enables you to eliminate passwords and provide a more secure way to authenticate.

Reference:

https://docs.microsoft.com/en-us/azure/active-directory/hybrid/whatis-phs

https://docs.microsoft.com/en-us/windows-server/identity/ad-fs/operations/configure-ad-fs-and- azure-mfa

https://docs.microsoft.com/en-us/azure/active-directory/hybrid/how-to-connect-pta

Question: 99

HOTSPOT

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
Azure AD Connect is required to sign into Linux virtual machines hosted in Azure.	O	
An SAP application server that runs on a Linux virtual machine in Azure must be joined to Active Directory.	O	
Before you can sign into an SAP application server that runs on a Linux virtual machine in Azure, you must create a Managed Service Identity (MSI).		

Answer:

Explanation:

Box 1: No
To log in to a Linux VM with Azure AD credentials, install the Azure Active Directory login VM extension.

Note: Azure AD Connect is the Microsoft tool designed to meet and accomplish your hybrid identity goals.

Box 2: NO

Box 3: No

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

Question: 100

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:

https://blogs.sap.com/2018/08/31/overview-of-backint-for-sap-hana-and-faq-for-3rd-party-backup- tool-support/
https://documentation.commvault.com/commvault/v11_sp16/article?p=114414.htm

Question: 101

DRAG DROP

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

Answer Area

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

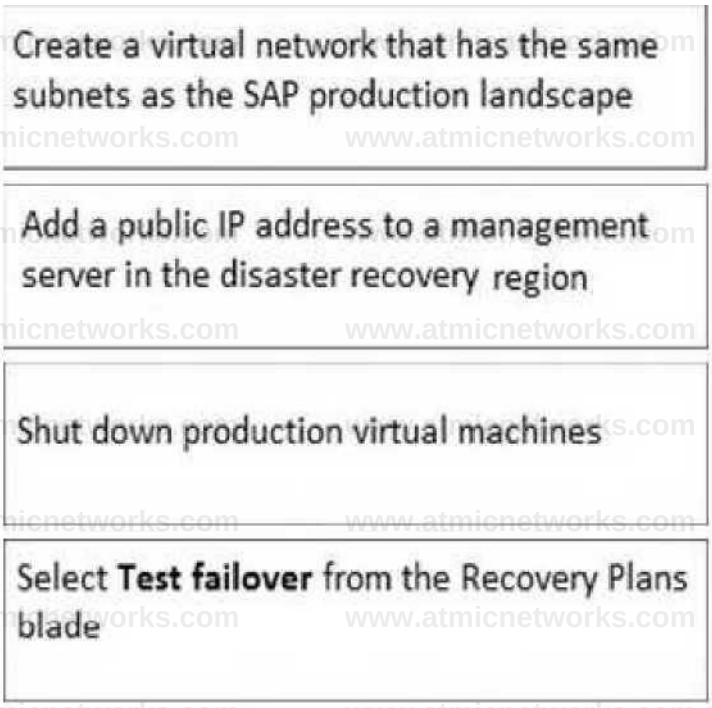
Shut down production virtual machines

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

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

Answer:

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

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

Question: 102

HOTSPOT

You have an on-premises SAP environment.

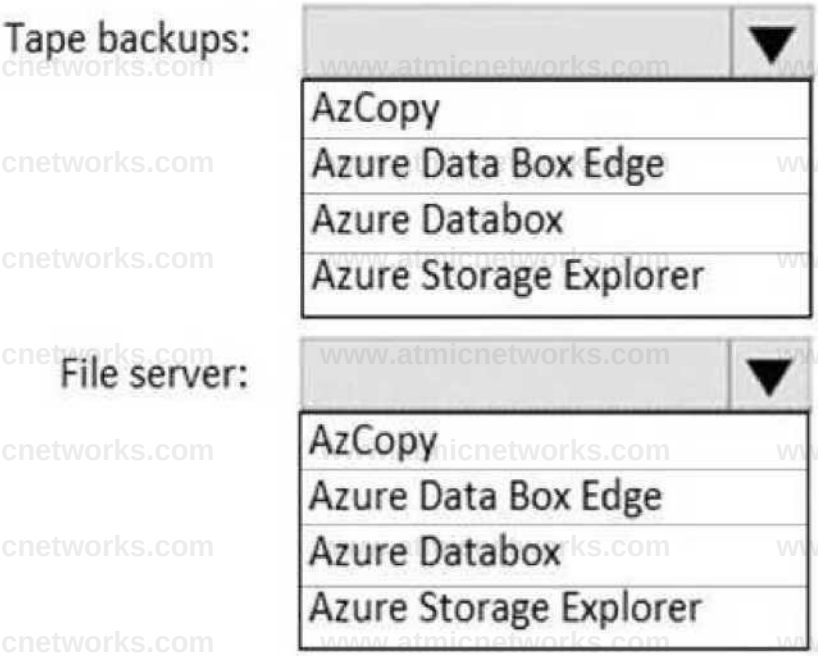
Backups are performed by using tape backups. There are 50 TB of backups.

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.

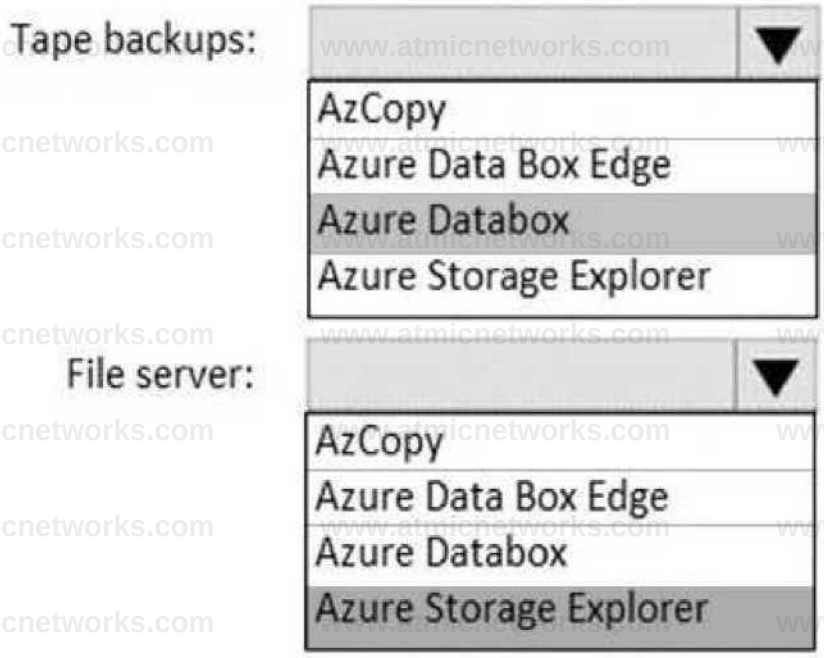
What should you include in the recommendation? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.



Answer:

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.

Incorrect Answers:

Not Azure Data Box Edge: Azure Data Box Edge is rebranded as Azure Stack Edge. Azure Stack Edge is a Hardware-as-a-service solution. Microsoft ships you a cloud-managed device with a built-in Field Programmable Gate Array (FPGA) that enables accelerated AI-inferencing and has all the capabilities of a network storage gateway.

Reference:

https://docs.microsoft.com/en-us/azure/databox/data-box-overview

https://github.com/MicrosoftDocs/azure-docs/blob/master/articles/vs-azure-tools-storage-manage- with-storage-explorer.md

Question: 103

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:

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

Express Route Global Reach Microsoft introduced a new functionality called ExpressRoute Global Reach. Global Reach can be used for HANA Large Instances in two scenarios: Enable direct access from on-premises to your HANA Large Instance units deployed in different regions Enable direct communication between your HANA Large Instance units deployed in different regions Direct Access from on-premises In the Azure regions where Global Reach is offered, you can request enabling the Global Reach functionality for your ExpressRoute circuit that connects your on-premises network to the Azure virtual network that connects to your HANA Large Instance units as well.

Question: 104

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.

Reference:
https://docs.microsoft.com/en-us/azure/site-recovery/vmware-azure-manage-vcenter

Question: 105

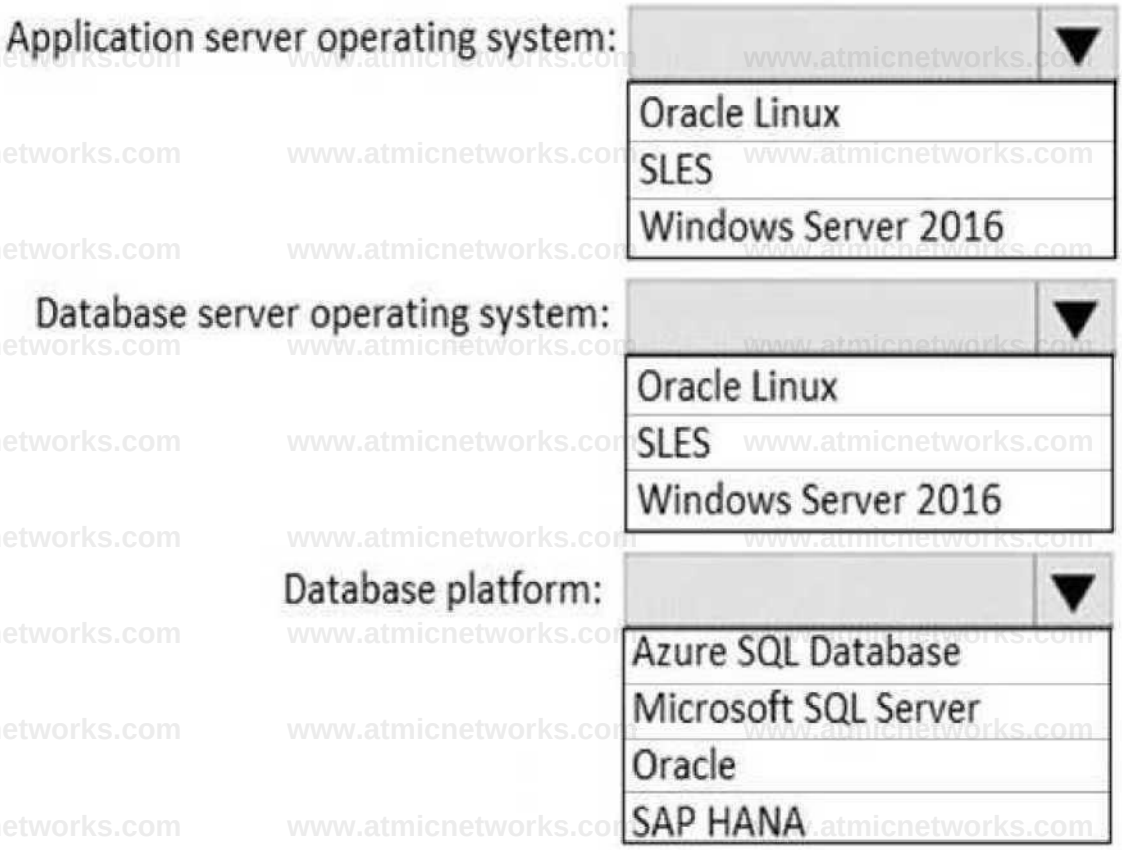
HOTSPOT

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.

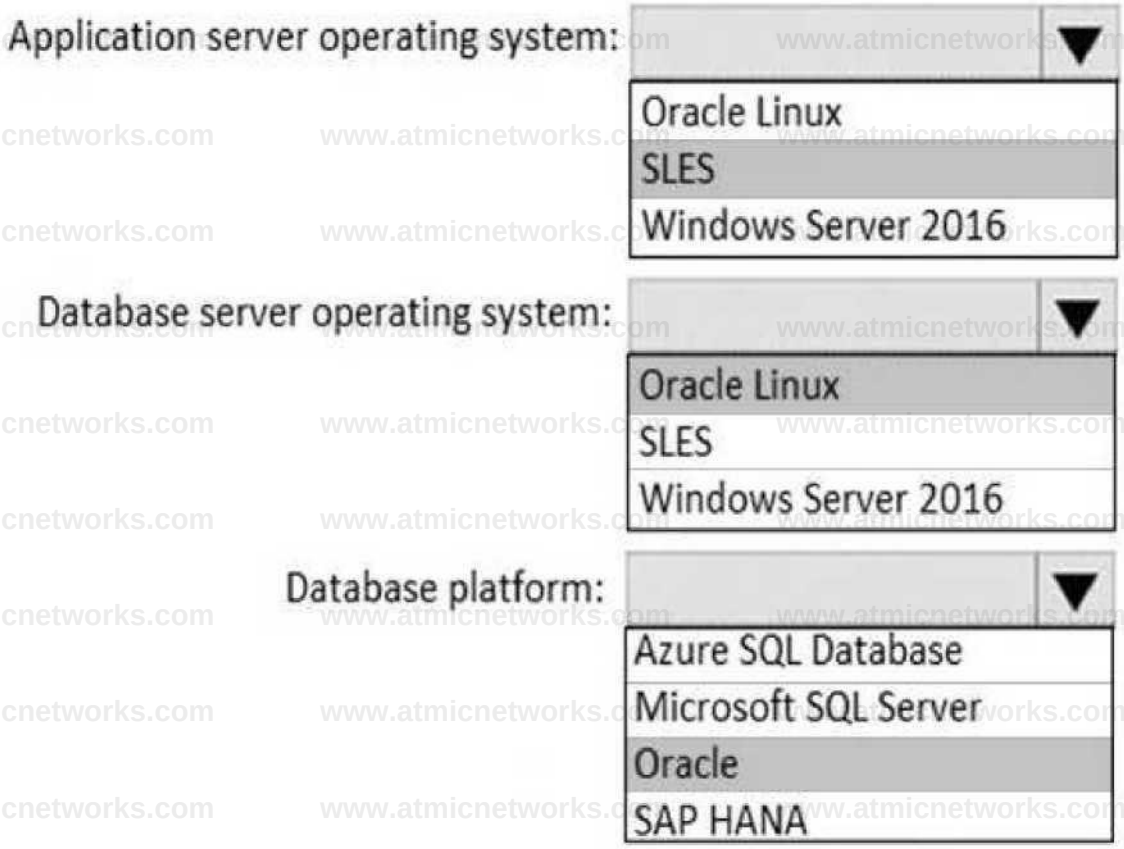
What should you include in the recommendation? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.



Answer:

Explanation:



Question: 106

DRAG DROP

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 - AzBac kup11em 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

Answer:

Explanation:

From Azure Recovery Vault, select

File Recovery

Download and run the mount disk executable

Recover the file and unmount the disk

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

Question: 107

This question requires that you evaluate the underlined text to determine if it is correct.

When deploying SAP HANA to an Azure virtual machine, you can enable Write Accelerator to reduce

the latency between the SAP application servers and the database layer.

Instructions: Review the underlined text. If it makes the statement correct, select "No change is needed". If the statement is incorrect, select the answer choice that makes the statement correct.

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

Answer: D

Explanation:

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

Incorrect Answers:

A: Write Accelerator is a disk capability for M-Series Virtual Machines (VMs) on Premium Storage with Azure Managed Disks exclusively. As the name states, the purpose of the functionality is to improve the I/O latency of writes against Azure Premium Storage.

B: Mellanox offers a robust and full set of protocol software and driver for Linux with the ConnectX EN family cards. Designed to provide a high performance support for Enhanced Ethernet with fabric consolidation over TCP/IP based LAN applications. The driver and software in conjunction with the Industry's leading ConnectX family of cards achieve full line rate, full duplex of up to 100Gbps performance per port.

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

Question: 108

HOTSPOT

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
Enabling Accelerated Networking on an SAP application server will decrease CPU usage. kJ	○	
Enabling Accelerated Networking on an SAP application server will increase jitter. kJ	○	
You can enable Accelerated Networking on any Azure virtual machine. kJ	○	

Answer:

Explanation:

Box 1: Yes
By moving much of Azure's software-defined networking stack off the CPUs and into FPGA-based SmartNICs, compute cycles are reclaimed by end user applications, putting less load on the VM, decreasing jitter and inconsistency in latency.

Box 2: Yes

Box 3: No
Accelerated Networking (AN) is generally available (GA) and widely available for Windows and the latest distributions of Linux

Reference:
https://azure.microsoft.com/en-us/blog/maximize-your-vm-s-performance-with-accelerated- networking-now-generally-available-for-both-windows-and-linux/

https://azure.microsoft.com/en-gb/blog/maximize-your-vm-s-performance-with-accelerated- networking-now-generally-available-for-both-windows-and-linux/

Question: 109

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 onpremises 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 deploy a new environment to Azure that uses SAP NetWeaver 7.4. You export the databases from the on-

premises environment, and then you import the databases into the Azure environment.

Does this meet the goal?

A. Yes
B. No

Answer: B

Explanation:

Instead use Azure Site Recovery to migrate.

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

Question: 110

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 onpremises 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

Question: 111

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 onpremises 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

Question: 112

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: A

Explanation:

https://azure.microsoft.com/nl-nl/blog/sap-on-azure-architecture-designing-for-performance-and- scalability/

"For existing on-premises systems, you should reference system configuration and resource utilization data. The system utilization information is collected by the SAP OS Collecto

Question: 113

DRAG DROP

You have an Azure Active Directory (Azure AD) tenant and an SAP Cloud Platform Identity Authentication Service tenant.

You need to ensure that users can use their Azure AD credentials to authenticate to SAP applications and services that trust the SAP Cloud Platform Identity Authentication Service tenant.

In which order should you perform the actions? To answer, move all actions from the list of actions to the answer area and arrange them in the correct order.

Actions	Answer Area
Download the single sign-on (SSO) metadata from the Azure AD tenant. A	
Create and configure an enterprise application in the Azure AD tenant.	
Upload the SAP Cloud Platform Identity Authentication Service tenant metadata to Azure AD tenant	
Download the SAP Cloud Platform Identity Authentication Service tenant metadata.	
Create and configure a corporate identity provider in the SAP Cloud Platform Identity Authentication Service tenant.	

Answer:

Explanation:

Create and configure an enterprise application in the Azure AD tenant

Download the single sign-on (SSO) metadata from the Azure AD tenant

Create and configure a corporate identity provider in the SAP Cloud Platform Identity Authentication Service tenant

Download the SAP Cloud Platform Identity Authentication Service tenant metadata

Upload the SAP Cloud Platform Identity Authentication Service tenant metadata to Azure AD tenant

Step 1: Create and configure an enterprise application in the Azure AD tentant

To configure the integration of SAP Cloud Platform Identity Authentication into Azure AD, you need to add SAP Cloud Platform Identity Authentication from the gallery to your list of managed SaaS apps.

Sign in to the Azure portal using either a work or school account, or a personal Microsoft account.

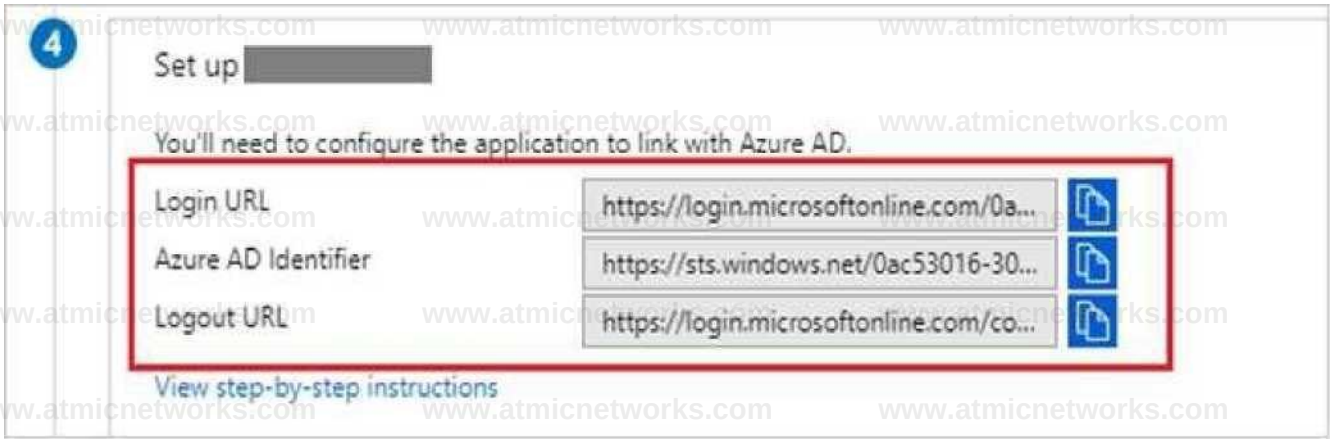
On the left navigation pane, select the Azure Active Directory service.

Navigate to Enterprise Applications and then select All Applications.

To add new application, select New application.

In the Add from the gallery section, type SAP Cloud Platform Identity Authentication in the search box.

Select SAP Cloud Platform Identity Authentication from results panel and then add the app. Wait a few seconds while the app is added to your tenant.



Step 2: Download the single sign-on (SSO) metadata from the Azure AD tenant.

Download single sign-on metadata from Azure Active Directory.

Step 3: Create and configure a corporate identity provider.

Create corporate identity provider.

Step 4: Download the SAP Cloud Platform Identity Authentication Service tenant metadata.

Download Identity Authentication service tenant metadata.

Step 5: Upload the SAP Cloud Platform Identity Authentication Service tenant metadata to Azure AD tenant.

Upload Identity Authentication service tenant metadata to Azure Active Directory.

You have already uploaded the metadata file from Azure Active Directory to Identity Authentication service. It's time to do it the other way round now and upload the metadata of Identity Authentication service to Azure Active Directory.

Reference:
https://developers.sap.com/tutorials/cp-ias-azure-ad.html

Question: 114

You have an on-premises SAP landscape that contains a 20-TB IBM DB2 database. The database contains large tables that are optimized for read operations via secondary indexes.

You plan to migrate the database platform to SQL Server on Azure virtual machines.

You need to recommend a database migration approach that minimizes the time of the export stage.

What should you recommend?

A. SAP Database Migration Option (DMO) in parallel transfer mode
B. table splitting
C. log shipping
D. deleting secondary indexes

Answer: D

Explanation:

Secondary indexes for very large tables can be removed from the STR file and built ONLINE with scripts after the main portion of the import has finished and post processing tasks such as configuring STMS are occurring.

Reference:
https://techcommunity.microsoft.com/t5/running-sap-applications-on-the/very-large-database-migration-to-azure-8211-recommendations/ba-p/368146

Question: 115

You have an on-premises third-party enterprise resource planning (ERP) system that uses Microsoft SQL Server 2016. You plan to migrate the ERP system to SAP Business Suite on SAP HANA on Azure virtual machines. You need to identify the appropriate sizing for Business Suite on HANA. What should you use?

A. SAP Quick Sizer for HANA Cloud
B. SAP Cloud Platform Cockpit
C. HANA Cockpit
D. SAP Quick Sizer for HANA

Answer: A

Explanation:

If a customer runs non-SAP systems, the only way of Sizing the required Hardware for SAP HANA is the Quick-Sizer tool.
HANA-based Cloud Quick Sizer: Please use this version, if the product that you want to size shall run in the Cloud; e.g. SAP S/4HANA Cloud and SAP Data Warehouse Cloud.

Reference:
https://www.sap.com/about/benchmark/sizing.html#quick-sizer

Question: 116

You have an on-premises SAP NetWeaver development landscape that contains the resources shown in the following table.

Name	Description
SAPDB1	Hyper-V virtual machine that runs Microsoft SQL Server 2017 and contains a 30-TB database
SAPSRV1	Hyper-V virtual machine that runs Windows Server

You have a 500-Mbps ExpressRoute circuit between the on-premises environment and a virtual network.
You plan to migrate the landscape to Azure.

What should you include in the solution?

A. Azure Site Recovery
B. Microsoft System Center 2019 - Data Protection Manager (DPM 2019)
C. Azure Data Box
D. Azure Backup Server

Answer: A

Explanation:

Simplify cloud migration by using Site Recovery to migrate your SAP deployment to Azure.

Reference:
https://docs.microsoft.com/en-us/azure/site-recovery/site-recovery-sap

Question: 117

You plan to deploy an SAP landscape that will have virtual machines deployed to multiple Azure regions.

You need to ensure that the virtual machines can communicate across the regions.

What should you configure?

A. virtual network peering in Azure
B. local network gateways
C. Azure Bastion hosts
D. Azure Relay

Answer: A

Explanation:

Depending on the rules and restrictions you want to apply between the different virtual networks hosting VMs of different SAP systems, you should peer those virtual network

Note: Virtual network peering enables you to seamlessly connect two or more Virtual Networks in Azure. The virtual networks appear as one for connectivity purposes. The traffic between virtual machines in peered virtual networks uses the Microsoft backbone infrastructure. Like traffic between virtual machines in the same network, traffic is routed through Microsoft's private network only.

Azure supports the following types of peering:

Virtual network peering: Connect virtual networks within the same Azure region.
Global virtual network peering: Connecting virtual networks across Azure regions.

Reference:
https://docs.microsoft.com/en-us/azure/virtual-machines/workloads/sap/hana-network- architecture
https://docs.microsoft.com/en-us/azure/virtual-network/virtual-network-peering-overview

Question: 118

HOTSPOT

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
When you deploy two standalone SAP Web Dispatchers to separate clustered virtual machines, you must deploy a load balancer to make the solution highly available.		
When you deploy Pnmary Application Server (PAS) and Additional Application Server (AAS) instances on separate virtual machines for SAP NetWeaver. you must deploy an Azure load balancer for high availability.		
When using an availability group listener for SAP application connectivity to Microsoft SQL Server servers in different Azure regions, you must deploy a load balancer in front of the disaster recovery SQL Server virtual machine.		

Answer:

Explanation:

Statements	Yes	No
When you deploy two standalone SAP Web Dispatchers to separate clustered virtual machines, you must deploy a load balancer to make the solution highly available	○	◉
When you deploy Primary Application Server (PAS) and Additional Application Server (AAS) O instances on separate virtual machines for SAP NetWeaver, you must deploy an Azure load balancer for high availability		○
When using an availability group listener for SAP application connectivity to Microsoft SQL Server servers in different Azure regions, you must deploy a load balancer in front of the disaster recovery SQL Server virtual machine	○	○

Box 1: No

Load balancers. Load balancers are used to distribute traffic to virtual machines in the applicationtier subnet. For high availability, use the built-in SAP Web Dispatcher, Azure Load Balancer, or network appliances. Your choice depends on the traffic type (like HTTP or SAP GUI) or the required network services, like Secure Sockets Layer (SSL) termination.

Box 2: Yes

Availability group listener SAP application SQL server load balancer disaster recovery

Box 3: Yes

Reference:

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

https://docs.microsoft.com/en-us/azure/virtual-machines/workloads/sap/high-availability-guide- suse

https://blogs.sap.com/2020/10/20/sap-on-azure-sap-netweaver-7.5-on-ms-sql-server-2019-high- availability-and-disaster-recovery-with-4-nodes-alwayson-cluster/

Question: 119

You have an SAP landscape on Azure that contains the virtual machines shown in the following table.

Name	Role	Azure Availability Zone in East US
SAPAPP1	Application Server	Zone 1
SAPAPP2	Application Server	Zone 2

You need to ensure that the Application Server role is available if a single Azure datacenter fails.

What should you include in the solution?

A. a local network gateway
B. Azure Virtual WAN
C. Azure Load Balancer Standard
D. Azure Private Link

Answer: C

Explanation:

For the load balancers of the failover clusters of SAP Central Services and the DBMS layer, you need to use the Standard SKU Azure Load Balancer. The Basic Load Balancer won't work across zones.

Reference:
https://docs.microsoft.com/en-us/azure/virtual-machines/workloads/sap/sap-high-availability- architecture-scenarios

Question: 120

You deploy an SAP production landscape on Azure virtual machines that run SUSE Linux Enterprise Server (SLES).

You need to generate a report that details performance differences between instances of an SAP AS ABAP system.

What should you use?

A. JMeter
B. Micro Focus LoadRunner
C. SAP UI5 SpeedtestTool
D. ABAPmeter

Answer: D

Explanation:

Use ABAPMETER in NetWeaver AS ABAP when you want to test the general performance/health of each instance in a

NetWeaver AS ABAP system.

Reference:
https://userapps.support.sap.com/sap/support/knowledge/en/2879613

Question: 121

You have an Azure virtual machine that runs SUSE Linux Enterprise Server (SlES). The virtual machine hosts a highly available deployment of SAP HANA.

You need to validate whether Accelerated Networking is operational for the virtual machine.

What should you use?

A. fio
B. iometer
C. netsh
D. ethtool

Answer: D

Explanation:

Check for activity on the VF (virtual function) with the ethtool -S eth0 | grep vf_ command. If you receive output similar to the following sample output, accelerated networking is enabled and working.

vf_rx_packets: 992956
vf_rx_bytes: 2749784180
vf_tx_packets: 2656684
vf_tx_bytes: 1099443970
vf_tx_dropped: 0
Accelerated Networking is now enabled for your VM.

Reference:
https://docs.microsoft.com/en-us/azure/virtual-network/create-vm-accelerated-networking-cli

Question: 122

HOTSPOT

You have an SAP production landscape that uses SAP HANA databases.

You configure a metric alert for the primary HANA server as shown in the following exhibit.

Answer Area

Statements	Yes	No
HAMA Admins will be averted by email if the server is at 85 percent for one minute and - then towers to 40 percent		
HANA Admins will be averted if the server is at 95 percent for 15 minutes.		
Amy^contoso com will be alerted by email if the server CPU cycles between 80 and 90 percent for 15 minutes		

Answer:

Explanation:

Statements	Yes	No
HANA Admins will be alerted by email if the server is at 85 percent for one minute, and then lowers to 40 percent		
HANA Admins will be alerted if the server is at 95 percent for 15 minutes		
Amy@contoso.com will be alerted by email if the server CPU cycles between 80 and 90 percent for 15 minutes		

Box 1: No

The period is 15 minutes. Only alerts or emails will be sent.

Box 2: Yes

Box 3: Yes

Question: 123

DRAG DROP

You have an Azure Active Directory (Azure AD) tenant and an SAP Cloud Platform tenant.

You need to ensure that users sign in automatically by using their Azure AD accounts when they connect to SAP Cloud Platform.

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

Actions

From the SAP Cloud Platform Identity administration console, configure a corporate identity provider to use the Federation Metadata XML file.

From the Azure Active Directory admin center, add the SAP Cloud Platform Identity Authentication enterprise app.

From the Azure Active Directory admin center, configure the SAP Cloud Platform Identity app to use the Federation Metadata XML file.

From the Azure Active Directory admin center, download the Federation Metadata XML file.

Configure the SAML settings for the Identifier and Reply URL

Answer Area

Answer:

Explanation:

Answer:

Actions

From the SAP Cloud Platform Identity adrmnistrabon console, wr..^?.[1]*? ^[1]- settings for the Identifier and Reply URL identity provider to use the Federation Metadata XML file. [

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prom the Azure Act VO DoOCNiy Oom n OMNI MN the SAP Cloud .

From the Azure Active Directory admin centei configure the SAP pm ^ SAP cloud platform Identity administration console, coni Identity app to use the Federation Metadata XML file.

From the Azure Active Directory admin center, download the Fede''' " -•*-•—♦- [V1] '■ I file,

Fedi

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Configure the SAML settings for the Identifier and Reply URL I

Answer Area

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~~Answer Area~~

. From the Azure Active Directory admin centei add the SAP Cloud Authentication enterprise app.

identity provider to use the Federation Metadata XML file

From the Azure Active Directory admin center, download the

Question: 124

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: Back up directly to disk, copy the backups to an Azure virtual machine, and then copy the backup to an

Azure Storage account

Does this meet the goal?

A. Yes
B. No

Answer: B

Explanation:

Instead you should create a Recovery Services vault and a backup policy.

Reference:
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

Question: 125

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 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 subnets and the onpremises network.

You need to ensure that all traffic is routed through the network virtual appliance.

Solution: You create an Azure Traffic Manager profile.

Does this meet the goal?

A. Yes
B. No

Answer: B

Explanation:

Question: 126

You have an existing SAP production landscape that uses SAP HANA databases.

You plan to migrate the landscape to Azure.

Which Azure virtual machine series will be Azure supported for the production SAP HANA database deployment?

A. F-Series
B. A-Series
C. M-Series
D. N-Series

Answer: C

Explanation:

Question: 127

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 onpremises 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 an Azure environment.

Solution: You migrate the SAP environment as is to Azure by using Azure Site Recovery.

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

Question: 128

HOTSPOT

You have an on-premises deployment of SAP HANA.

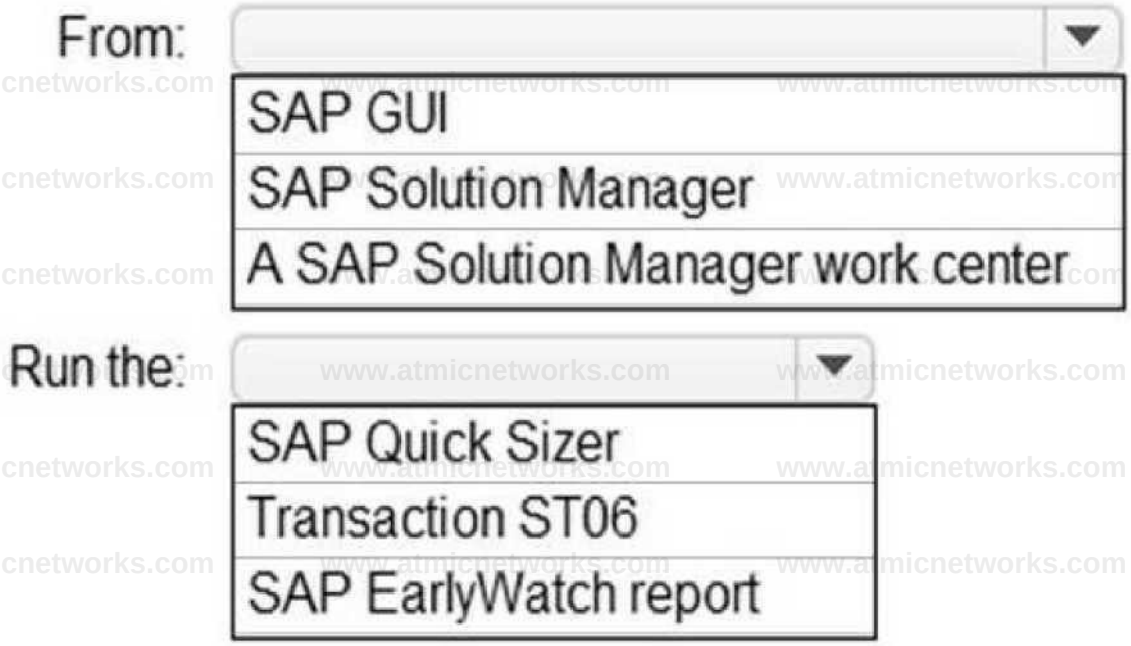
You plan to migrate the deployment to Azure.

You need to identify the following from the last six months:

The number of active users
The database performance

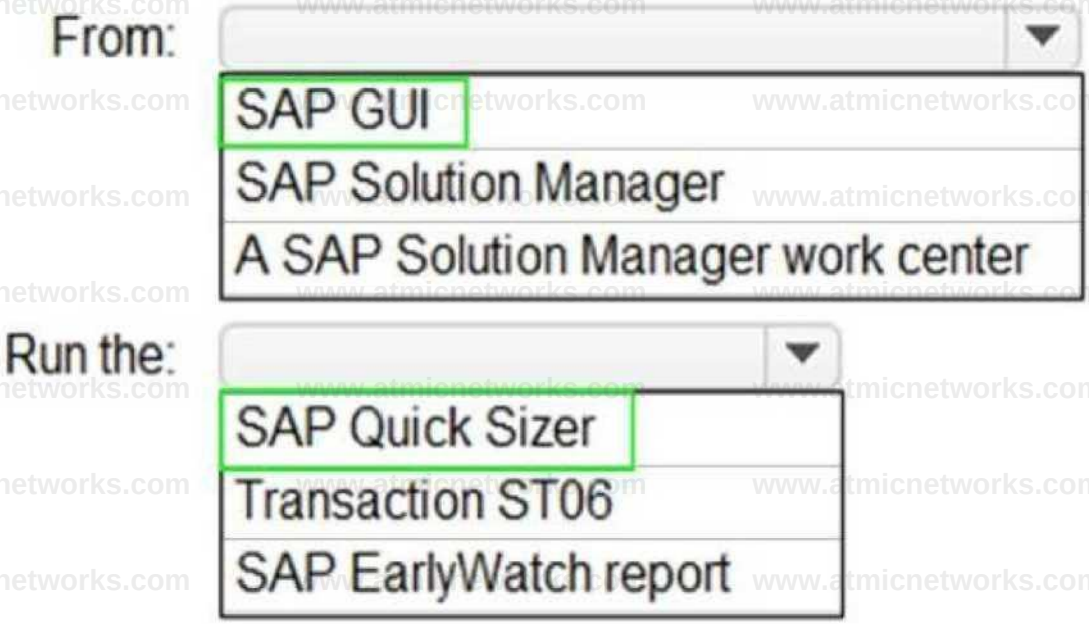
What should you do? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.



Answer:

Explanation:



Reference:
https://assets.cdn.sap.com/sapcom/docs/2019/09/0e8d0628-687d-0010-87a3-c30de2ffd8ff.pdf

Question: 129

You have an SAP Cloud Platform subscription and an Azure Active Directory (Azure AD) tenant.

You need to ensure that Azure AD users can access SAP Cloud App by using their Azure AD credentials.

What should you configure?

A. Active Directory Domain Services (AD DS)
B. SAP Cloud Platform Identity Authentication
C. A conditional access policy
D. SAP Cloud Connector

Answer: A

Explanation:

When you integrate SAP Cloud Platform Identity Authentication with Azure AD, you can:
Control in Azure AD who has access to SAP Cloud Platform Identity Authentication.
Enable your users to be automatically signed-in to SAP Cloud Platform Identity Authentication with their Azure AD accounts.
Manage your accounts in one central location - the Azure portal.

Reference:
https://docs.microsoft.com/en-us/azure/active-directory/saas-apps/sap-hana-cloud-platform-identity-authentication-tutorial

Question: 130

You have an SAP landscape on Azure.

You deploy an SAP Web Dispatcher named web1.

You need to confirm that web1 can support 1,500 users.

What should you use?

A. Apache JMeter
B. lometer
C. ABAPMeter
D. FIO

Answer: A

Explanation:

Question: 131

You deploy an SAP environment on Azure.

You need to ensure that incoming requests are distributed evenly across the application servers.

What should you use?

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

Answer: A

Explanation:

The SAP Web Dispatcher (SWD) component is used as a load balancer for SAP traffic among the SAP application servers.

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

Question: 132

HOTSPOT

You have an SAP production landscape on Azure that contains the virtual machines shown in the following table.

Name	Location	Application
HANA1	East US	SAP HANA 2.0
HANA2	East US	SAP HANA 2.0
HANA3	South Central US	SAP HANA 2.0
App1	East US	SAP Web Dispatcher
App2	East US	SAP Web Dispatcher

You configure HANA system replication as shown in the following table.

Source	Destination	Mode
HANAI	HANA2	Sync
HANA2	HANA3	Sync

You configure two load balancers as shown in the following table.

Name	Location	Type	Pool
LB1	East US	Standard	HANA1, HANA2
LB2	East US	Basic	Appt App2

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
HANA2 and HANA3 are in a supported configuration.	o	O
App1 and App2 are in a supported configuration.	o	O
Azure Site Recovery is in a supported configuration for App1 and App2 to fail over to the South Central US Azure region.	O	O

Answer:

Explanation:

Answer:

Statements	Yes	No
HANA2 and HANA3 are in a supported configuration		
App1 and App2 are in a supported configuration	O	
Azure Site Recovery is in a supported configuration for App1 and App2 to fail over to the South Central US Azure region.	O	O

Reference:
https://help.sap.com/viewer/6b94445c94ae495c83a19646e7c3fd56/2.0.02/en-US/f730f308fede4040bcb5ccea6751e74d.html

https://docs.microsoft.com/en-us/azure/virtual-machines/workloads/sap/sap-hana-high-availability

Question: 133

You have an on-premises SAP landscape that contains an IBM DB2 database.

You need to recommend a solution to migrate the landscape to Azure and the database to SAP HANA. The solution must meet the following requirements:

Be supported by SAP.
Minimize downtime.

What should you include in the recommendation?

A. SAP Database Migration Option (DMO) with System Move
B. Azure Database Migration Service
C. Azure Import/Export service
D. Azure Data Box Gateway

Answer: A

Explanation:

In 2013, SAP introduced new procedure called Database Migration Option (part of Software Update Manager), which can help you during the migration to HANA database. It combines Unicode conversion, system update and database migration into a single step which extremely simplified the overall process.

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

Question: 134

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

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

Which transaction should you run from SAP GUI?

A. SM51
B. DB01
C. DB12
D. ST06

Answer: D

Explanation:

ST06 is a transaction code used for Operating System Monitor in SAP.
SAP transaction ST06 (Operating System Monitor) is classified in the Basis Component module under application component Operating System Monitors and runs Monitoring Operating System program RSHOST05 upon execution.

Reference:
https://saptransactions.com/codes/ST06/

Question: 135

DRAG DROP

You have an Azure subscription.

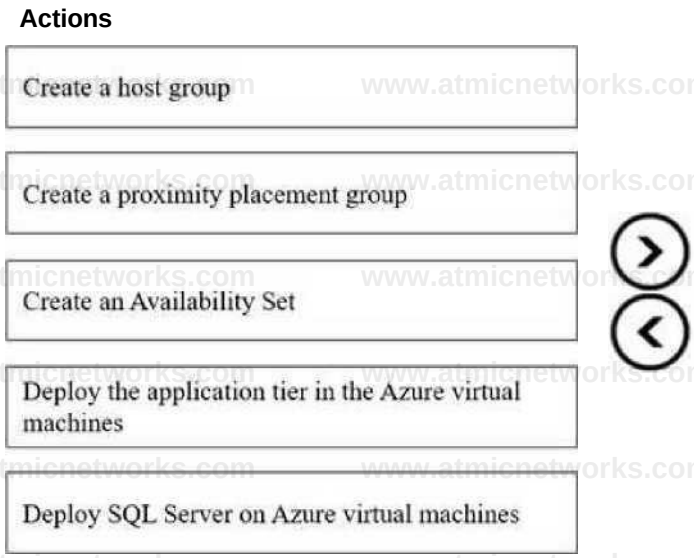
You plan to deploy a SAP NetWeaver landscape that will use SQL Server on Azure virtual machines.

The solution must meet the following requirements:

The SAP application and database tiers must reside in the same Azure zone.
The application tier in the Azure virtual machines must belong to the same Availability Set.

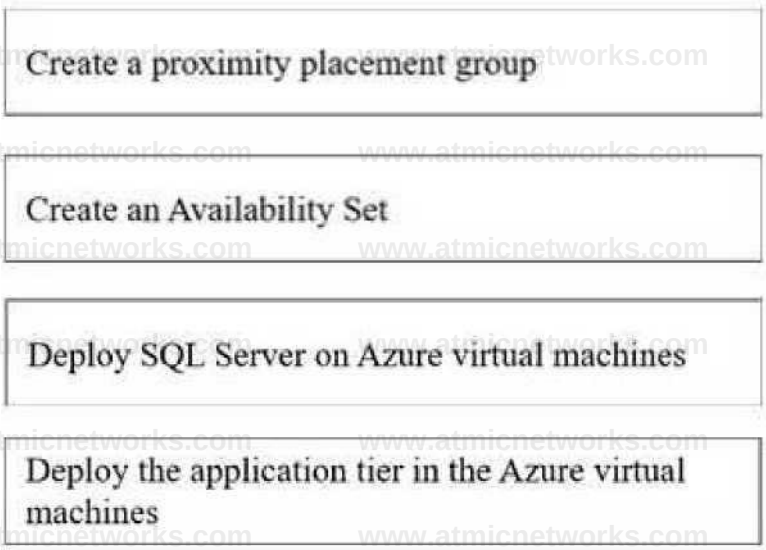
Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

NOTE: More than one order of answer choices is correct. You will receive credit for any of the correct orders you select.



Answer:

Explanation:



Step 1: Create a proximity placement group

A proximity placement group is a logical grouping of Azure resources within the same Azure data center in order to reduce latency.

Step 2: Create an Availability Set

Create an availability set that references the Azure proximity group.

By adding the availability sets to proximity placement groups, the network latencies are considerably reduced, thereby improving the overall performance.

Step 3: Deploy SQL Server on Azure Virtual machines

Step 4: Deploy the application tier in the Azure virtual machines

Deploy the application layer VMs by referencing the availability set and the proximity placement group.

Reference:

https://docs.microsoft.com/en-us/azure/virtual-machines/workloads/sap/sap-proximity-placement- scenarios

Question: 136

HOTSPOT

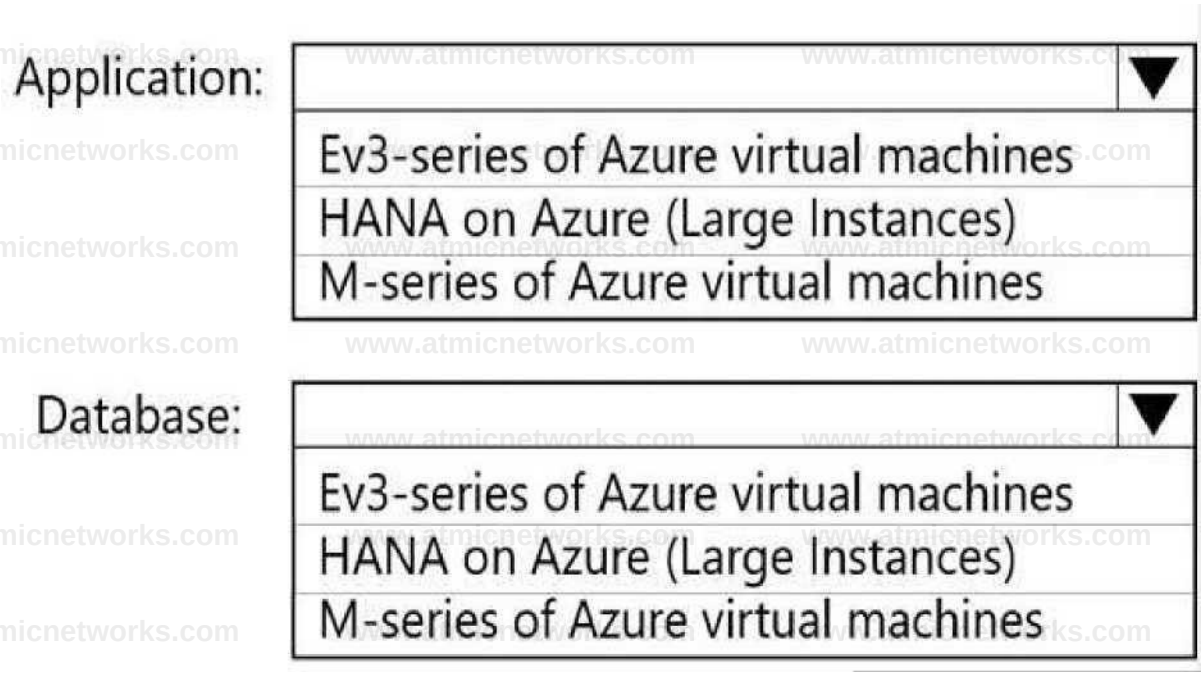
You have an on-premises deployment of SAP Business Suite on HANA that includes a CPU-intensive application tier and a 20-TB database tier.

You plan to migrate to SAP HANA on Azure.

You need to recommend a compute option to host the application and database tiers. The solution must minimize cost.

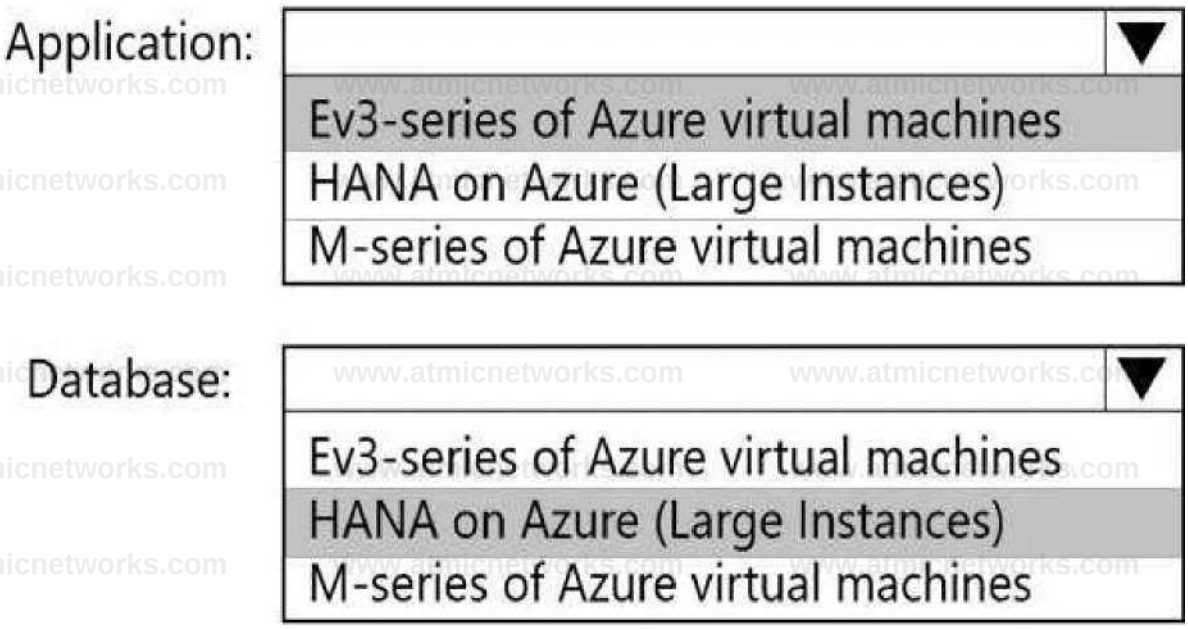
What should you recommend for each tier? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.



Answer:

Explanation:



Box 1: Ev3 series M Azure virtual machines

The Ev3 series pricing is starting from $58.40 /per month.

The E-series Azure VMs are optimized for heavy in-memory applications such as SAP HANA. These VMs are configured with high memory-to-core ratios, which makes them well-suited for memoryintensive enterprise applications, large relational database servers, in-memory analytics workloads etc.

The Ev3-series VMs range from 2 to 64 vCPUs and 16-432 GiB of RAM, respectively.

Example workloads include SAP HANA (e.g., E64s v3, E20ds v4, E32ds v4, E48ds v4, E64ds v4), SAP S/4 HANA application layer, SAP NetWeaver application layer, and more broadly memory-intensive enterprise applications, large relational database servers, data warehousing workloads, business intelligence applications, in-memory analytics workloads, and additional business-critical applications, including systems that process financial transactions of various nature...

Note: The M-series family of Azure virtual machines are memory optimized and are ideal for heavy in-memory workloads such as SAP HANA. The M-Series offer up to 4 TB of RAM on a single VM. In addition, these VMs offer a virtual CPU count of up to 128 vCPUs on a single VM to enable high performance parallel processing.

Example workloads include SAP HANA, SAP S/4 HANA, SQL Hekaton and other large in-memory business critical workloads requiring massive parallel compute power.

Box 2: Hana on Azure (Large Instances)

The storage used in HANA Large Instances has a file size limitation. The size limitation is 16 TB per file.

Reference:

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

https://azure.microsoft.com/en-us/pricing/details/virtual-machines/series/

Question: 137

HOTSPOT

You are planning the deployment of a three-tier SAP landscape on Azure that will use SAP HANA. The solution must meet the following requirements:

Network latency between SAP NetWeaver and HANA must be minimized.

An SAP production landscape on Azure must be supported.

Network performance must be validated regularly.

What should you include in the solution? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Deploy HANA and NetWeaver to:

- An availability set
- An availability zone
- A proximity placement group

Networking configuration:

- Enable Write Accelerator
- Deploy ExpressRoute Direct
- Enable Accelerated Networking

Validate network performance by using:

- ABAPMeter
- Apache JMeter
- Network Performance Monitor

Answer:

Explanation:

Deploy HANA and NetWeaver to:

- An availability set
- An availability zone
- **A proximity placement group**

Networking configuration:

- **Enable Write Accelerator**
- Deploy ExpressRoute Direct
- Enable Accelerated Networking

Validate network performance by using:

- ABAPMeter
- Apache JMeter
- **Network Performance Monitor**

Box 1: A proximity placement group

Azure offers proximity placement groups. Proximity placement groups can be used to force grouping of different VM types into a single Azure datacenter to optimize the network latency between these different VM types to the best possible. In the process of deploying the first VM into such a proximity placement group, the VM gets bound to

a specific datacenter.

Note: SAP applications based on the SAP NetWeaver or SAP S/4HANA architecture are sensitive to network latency between the SAP application tier and the SAP database tier. This sensitivity is the result of most of the business logic running in the application layer. Because the SAP application layer runs the business logic, it issues queries to the database tier at a high frequency, at a rate of thousands or tens of thousands per second. In most cases, the nature of these queries is simple.
They can often be run on the database tier in 500 microseconds or less.

Box 2: Enable Accelerated Networking
To further reduce network latency between Azure VMs, we recommend that you choose Azure Accelerated Networking. Use it when you deploy Azure VMs for an SAP workload, especially for the SAP application layer and the SAP DBMS layer.

Box 3: Network Performance Monitor
Network Performance Monitor (NPM) - a cloud-based network monitoring solution for cloud-only, on-premises, and hybrid networking environments.

Network Performance Monitor offers three broad capabilities:
Performance Monitor: You can monitor network connectivity across cloud deployments and onpremises locations, multiple data centers, and branch offices and mission-critical multitier applications or microservices. With Performance Monitor, you can detect network issues before users complain.
Service Connectivity Monitor
ExpressRoute Monitor

Note 2: Azure Monitor for SAP Solutions is an Azure-native monitoring product for anyone running

their SAP landscapes on Azure. It works with both SAP on Azure Virtual Machines and SAP on Azure Large Instances.

Reference:
https://docs.microsoft.com/en-us/azure/virtual-machines/workloads/sap/sap-proximity-placement- scenarios

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

https://techcommunity.microsoft.com/t5/running-sap-applications-on-the/sap-on-azure-general- update-march-2019/ba-p/377456

Question: 138

HOTSPOT

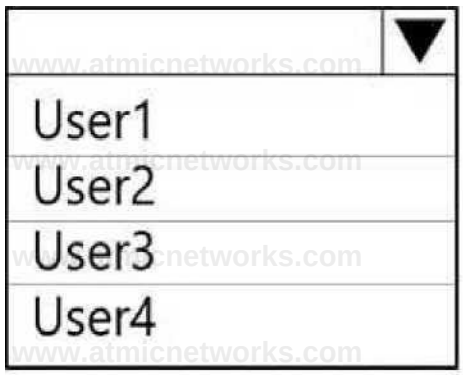
You have an Azure subscription that contains a resource group named RG1. The role assignments for RG1 are shown in the following exhibit.

```
Azure:/

PS Azure:\> Get-AZRoleAssignment -ResourceGroupName RG1 | Where DisplayName-Like | Select
  DisplayName, RoleDefinitionName
```

```
DisplayName RoleDefinitionName

User3       User Access Administrator
User2       Backup Contributor
Useri       Contributor
User4       Security Admin
```

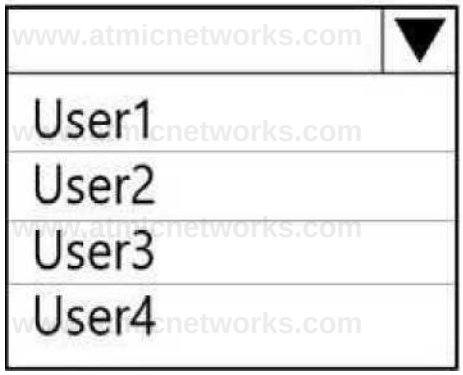
Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.

NOTE: Each correct selection is worth one point.



create a Recovery Services vault in RG1

can

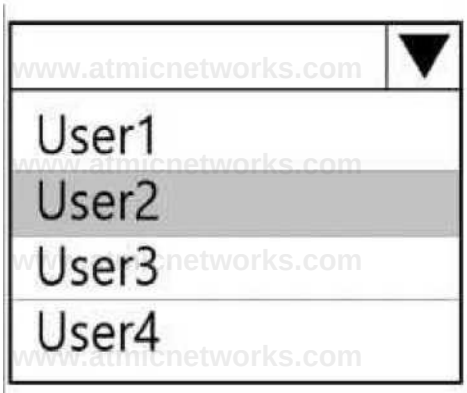


assign User4 as an owner of RG1

can

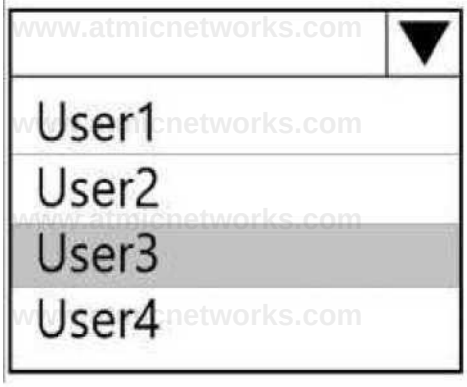
Answer:

Explanation:



create a Recovery Services vault in RG1

can



assign User4 as an owner of RG1

can

Box 1: User2

Management Operation	Minimum Azure role required	Scope Required
Create Recovery Services vault	Backup Contributor	Resource group containing the vault

Note:
Backup Contributor - This role has all permissions to create and manage backup except deleting Recovery Services vault and giving access to others. Imagine this role as admin of backup management who can do every backup management operation.

Box 2: User3
The User Access Administrator role lets you manage user access to Azure resources.

Reference:
https://docs.microsoft.com/en-us/azure/backup/backup-rbac-rs-vault

https://docs.microsoft.com/en-us/azure/role-based-access-control/built-in-roles

Question: 139

HOTSPOT

You have an SAP landscape on Azure.

You plan to deploy a new SAP application server by using an Azure Resource Manager template.

You need to ensure that all new servers are deployed with Azure Disk Encryption enabled.

How should you complete the relevant component of the template? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

```
"resources": [
      "type": "Microsoft.Compute/virtualMachines/                    ▼
"name": "[concat(parameters                                  Disk"
('vmName'),'/DiskEncryption')]",                             KeyVault"
        "location": [parameters('location')]",               Extensions"
        "apiVersion": ”2017-03-30",                          AzureDiskEncryption"
        "properties": (
"publisher": "Microsoft.Azure.Security",
                                "type":
                                        "Disk"
                                        "KeyVault"
                                        "Extensions"
                                        "AzureDiskEncryption"
"typeHandlerVersion": ”2.2",
          "autoUpgradeMinorVersion": true,
          "forceUpdateTag": ”2",
          "settings": {
            "Encryptionoperation": "EnableEncryption",
            "KeyVaultURL": "[reference(parameters('keyVaultResourcelD'),'2016-10-01').vaultUri]",
            "KeyVaultResourceId": "[parameters('keyVaultResourcelD')]", "KeyEncryptionKeyURL":
            "[parameters('keyEncryptionKeyURL')]", "KeyVaultResourceId":
            ”[parameters('keyVaultResourcelD')]", "KeyEncryptionAlgorithm": "RSA-OAEP",
            "VolumeType": "All", "ResizeOSDisk": false )

)]
```

Answer:

Explanation:

```
"resources": [
  {
      "type": "Microsoft.Compute/virtualMachines/ "name": "[concat(parameters
('vmName'),'/DiskEncryption'))",                             Disk"
        "location": [parameters('location')]",               KeyVault"
        "apiVersion": "2017-03-30", "properties": (          Extensions"
          "publisher": "Microsoft.Azure.Security",           AzureDiskEncryption"
      "type":
              "Disk"
              "KeyVault"
              "Extensions"
              "AzureDiskEncryption"
"typeHandlerVersion": ”2.2",
          "autoUpgradeMinorVersion": true,
          ”forceUpdateTag": "2",
          "settings": (
            "Encryptionoperation": "EnableEncryption",
            "KeyVaultURL": "[reference(parameters('keyVaultResourcelD'),'2016-10-01').vaultUri]",
            "KeyVaultResourceId": "[parameters('keyVaultResourcelD')J", "KeyEncryptionKeyURL":
            "[parameters('keyEncryptionKeyURL')]", "KeyVaultResourceId":
            "[parameters('keyVaultResourcelD')]", "KeyEncryptionAlgorithm": "RSA-OAEP",
            "VolumeType": "All", "ResizeOSDisk": false
```

Box 1: extensions

Azure Disk Encryption can be enabled via Azure PowerShell or Azure CLI. That is normally seen in remediation. In a real-world scenario you would like to see a virtual machine during its creation include disk encryption process. This is technically possible thanks to Disk Encryption VM extension.

Box 2: AzureDiskEncryption

Example: ..

```
"type": "Microsoft.Compute/virtualMachines/extensions",
"name": "[concat(parameters('vmName'),'/diskEncryption')]",
"apiVersion": "2019-03-01",
"location": "[parameters('location')]",
"dependsOn": [
  "[resourceId('Microsoft.Compute/virtualMachines/', parameters('vmName'))]"
],
"properties": {
  "publisher": "Microsoft.Azure.Security",
  "type": "AzureDiskEncryption",
```

Reference:
https://azsec.azurewebsites.net/2019/12/28/azure-disk-encryption-arm-template-for-windows-vm/

Question: 140

HOTSPOT

You deploy an Azure Internal load balancer.

You deploy a node of an SAP NetWeaver 7.4 ABAP system named SP1.

You plan to deploy a second node.

You need to verify that the health probe port is configured for the cluster. The cluster IP address resource name is SAP SP1 IP.

How should you complete the command? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer:

Explanation:

Box 1: Get-ClusterResource

Example:

```
Get-ClusterResource -Name $SAPIPresourceName | Get-ClusterParameter

  Write-Output " "
        Write-Output "Current probe port property of the SAP cluster resource '$SAPIPresourceName' is '$OldProbePort'."
        Write-Output " "
        Write-Output "Setting the new probe port property of the SAP cluster resource '$SAPIPresourceName' to '$ProbePort' ..."
        Write-Output " "
```

Box 2: Get-ClusterParameter

Reference:

https://docs.microsoft.com/en-us/azure/virtual-machines/workloads/sap/sap-high-availability- installation-wsfc-shared-disk

Question: 141

HOTSPOT

You have an on-premises SAP landscape and an Azure subscription that contains a virtual network named VNET1.

VNET1 has the following settings.

```
Name                    :VNET1
AddressSpace
                    "AddressPrefixes": [ "10.1.0.0/24"


Subnets                 : (
                        "Delegations": [],
                        "Name": "subnetl",
                        "AddressPrefix": [
                          "10.1.0.0/25"

                        "IpConfigurations": (J,
                        "PrivateEndpointNetworkPolicies": "Enabled",
                        "PrivateLinkServiceNetworkPolicies": "Enabled"
                        "IpAllocations": []


VirtualNetworkPeerings  : 1

                        "Name": "Peeringl",
                        "PeeringState": "Connected",
                        "AllowVirtualNetworkAccess": true,
                        "AllowForwardedTraffic": false,
                        "AllowGatewayTransit": false,
                        "UseRemoteGateways": false,
                        "RemoteVirtualNetwork": I

                        "RemoteVirtualNetworkAddressSpace": {
                          "AddressPrefixes": [
                         "10.2.0.0/24"

                        "ProvisioningState": "Succeeded"
```

You plan to migrate the landscape to Azure.

You need to configure VNET1 to support the SAP landscape.

Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the settings.

NOTE: Each correct selection is worth one point.

To configure a Site-To-Site VPN connection, you must

- add a gateway subnet
- add a virtual network gateway
- increase the address space
- remove subnetl

To allow Peering 1 to route traffic via VNET1, you must

- enable forwarded traffic
- enable gateway transit
- use remote gateways

Answer:

Explanation:

To configure a Site-To-Site VPN connection, you must

- add a gateway subnet
- add a virtual network gateway
- increase the address space
- remove subnetl

To allow Peeringl to route traffic via VNET1, you must

- enable forwarded traffic
- enable gateway transit
- use remote gateways

Box 1: add a virtual network gateway

Box 2: use remote gateways

Each virtual network, regardless of whether peered with another virtual network, can still have its own gateway to connect to an on-premises network. When you peer virtual networks, you can also configure the gateway in the peered virtual network as a transit point to an on-premises network. In this case, the virtual network that uses a remote gateway cannot have its own gateway. A virtual network can have only one gateway that can be either a local or remote gateway (in the peered virtual network).

Reference:
https://docs.microsoft.com/en-us/azure/virtual-network/virtual-network-peering-overview

Question: 142

You have an on-premises SAP NetWeaver deployment that uses Windows Server 2016 and Microsoft SQL Server 2016.

You need to migrate the deployment to an Azure virtual machine that runs Windows Server 2016 and has Microsoft SQL Server 2019 installed.

Which migration method should you use?

A. heterogeneous SAP classical migration
B. classical SAP Database Migration Option (DMO)
C. lift-and-shift
D. Azure Migrate

Answer: B

Explanation:

Question: 143

You plan to deploy an SAP production landscape that uses SAP HANA databases on Azure.

You need to configure the storage infrastructure to support the SAP HANA deployment The solution must meet the SAP issued requirements for data throughput and I/O.

How should you configure the storage?

A. RAID1
B. RAID5
C. RAID0
D. RAID6

Answer: B

Explanation:

Question: 144

You plan to automate a deployment of SAP NetWeave on Azure virtual machines by using Azure Resource Manager templates. The database tier will consist of two instances of an Azure Marketplace Microsoft SQL Server 2017 virtual machine image that each has 8 TB of RAM.

Which task should you include in the templates used to deploy the SQL Server virtual machines?

A. Enable buffer pool extensions in SQL Server.
B. Enable read caching on the disks used to store the SQL Server database log files.
C. Run the SQL Server setup and specify the /ACTION=REBUILDDATABASE and /SQLCOLLATION switches.
D. Run the SQL Server setup and specify the /ACTION-INSTALL and /SQLMAXMEMORY switches.

Answer: D

Explanation:

Question: 145

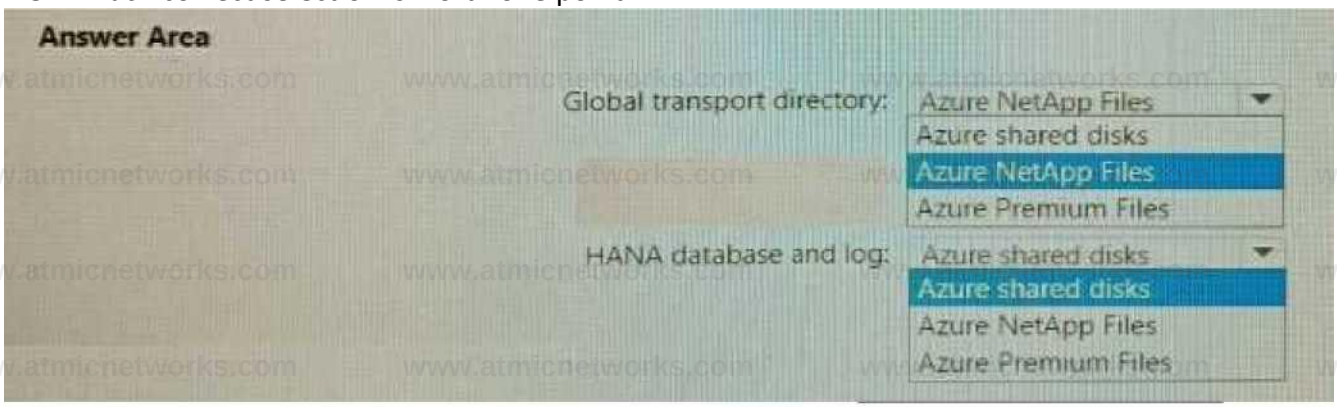
HOTSPOT

You plan to deploy a scale-out SAP HANA deployment on Azure virtual machines that will contain a standby node.

You need to recommend a storage solution for the deployment.

What should you recommend? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point



Answer:

Explanation:

Answer Area

Global transport directory. Azure NetApp Files

HANA database and log: Azure Premium Ries

Question: 146

You have an on-premises deployment of SAP on DB2.
You plan to migrate the deployment to Azure and Microsoft SQL Server 2017.
What should you use to migrate the deployment?

A. SQL Server Migration Assistant (SSMA)
B. Azure SQL Data Sync
C. db2haicu
D. DSN1COPY

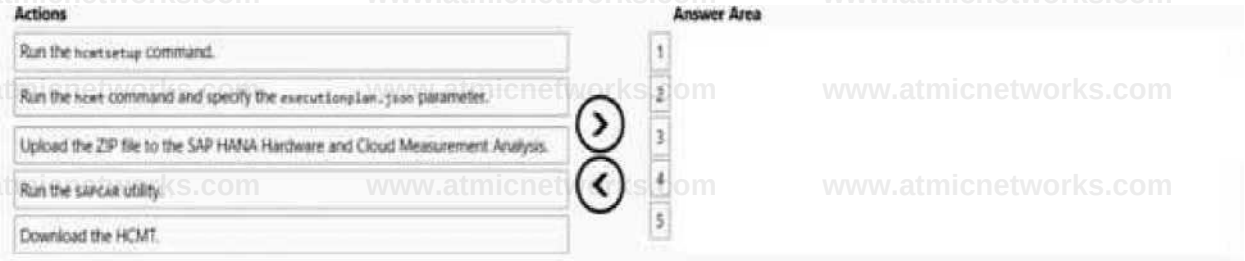
Answer: A

Explanation:

Question: 147

DRAG DROP

You plan to deploy SAP HANA to an Azure virtual machine that has a constrained vCPU size.
You need to validate that the virtual machine complies with SAP-defined resource requirements by using the SAP HANA Hardware and Cloud Measurement Tools (HCMT).
In which order should you perform the actions? To answer, move all actions from the list of actions to the answer area and arrange them in the correct order.



Answer:

Explanation:

fictions

Answer Area

1 Download the HCMT.

2 Run the r>orts«up command.

3 Run the host command and specify the executwixi. json parameter.

4 Upload the ZIP file to the SAP HANA Hardware a nd Cloud Mease rement Analysts

5 Run the SM>«R utility,

Question: 148

You have an Azure subscription. The subscription contains a virtual machine named VM1 that runs SAP HANA and a user named User1. User1 is assigned the Virtual Machine Contributor role of VM1.

You need to prevent User1 from placing VM1 in the Stopped (deallocated) state. User1 must be able to restart the operating system on VM1.

What should you do?

A. Assign an Azure Policy definition to the resource group that contains VM1.
B. Create a resource lock on VM1.
C. Configure the Desired State Configuration (DSC) extension on VM1.
D. Assign User1 the Virtual Machine User Login rote for VM1.

Answer: C

Explanation:

Question: 149

You have an on-premises SAP production landscape.

You plan to migrate to SAP on Azure.

You need to generate an SAP Early Watch Alert report.

What should you use?

A. Azure Advisor
B. SAP HANA Cockpit
C. SAP Software Provisioning Manager
D. SAP Solution Manager

Answer: D

Explanation:

Question: 150

You have an existing on-premises SAP landscape that is hosted on VMware VSphere.

You plan to migrate the landscape to Azure.

You configure the Azure Site Recovery replication policy shown in the following exhibit.

Answer: Answer: see the explanation for below image:

Explanation:

Explanation.
Answer selected as in image below.
Answer Area

During the migration, toucan fail over to a recover point taken up to 24 hour? ' ago.

After a planned failover up to the las' 60 minutes ' of SAP data might be lost

Question: 151

You plan to deploy an SAP production landscape on Azure.

You need to minimize latency between SAP HANA database servers and SAP NetWeaver servers. What should you implement?

A. Azure Private Link
B. an Availability Set
C. a proximity placement group
D. a virtual machine scale set

Answer: C

Explanation:

Question: 152

You are planning an SAP NetWeaver deployment on Azure. The database her will consist of Two Azure virtual machines that have Microsoft SQL Server 2017 installed. Each virtual machine will be deployed to a separate availability zone.

You need to perform the following:

- Minimize network latency between the virtual machines.
- Measure network latency between the virtual machines.

What should you do? To answer, select the appropriate options in the answer area.

Answer: Answer: see the explanation for below image:

Explanation:
Explanation.
Answer selected as in image below.
Answer Area

To minimize latency Disable receive side scaling (RSS.

To measure latency, use: Ping

Question: 153

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

You need to generate hearth check log files for the Deployment.

What should you do?

A. From a SSH session on the HANA Large instance node.
Run/var/waagent/Microsoft.AzureCAT.AzureEnhancedMonitoring.MonitorX64Linux- 1.0.082/AzuredMonitoring – monitoring.

B. From the Azure portal, select New support request.

C. From A SSH session on the HANA large instances node, run/opt/sgi/health_check/microsoft_tdi- sh.

D. From the Azure portal, select Diagnose and solve problems.

Answer: C

Explanation:

Question: 154

You deploy an SAP landscape on Azure.

You plan to use an Azure Automation account to stop the SAP virtual machines outside of business hours.

You need to ensure that you can use Azure Automation runbook a for the virtual machines.

What does the Azure Automation account require?

A. an Azure Storage account

B. an Azure App Service WebJob

C. a Recovery Services vault

D. a Run As account

Answer: B

Explanation:

Question: 155

You have an SAP production landscape that uses SAP HANA databases on Azure. The HANA database server is a Standard.M32ms Azure virtual machine that has 864 GB of RAM.

The HANA database is 400 GB. You expect the database to grow by 40 percent during the next 12 months.

You resize the HANA database server virtual machine to Standard_m64ms and ,024 GB of RAM.

You need to recommend additional changes to minimize performance degradation caused by database growth

What should you recommend for the HANA database server?

A. Increase the number of vCPUs.

B. Configure additional disks

C. Add a secondary network interface.

D. Add a scale out node.

Answer: A

Explanation:

Question: 156

You are planning a highly available SAP HANA deployment on Azure virtual machines.

You need to recommend a solution for monitoring TCP latency between the SAP application and the database tiers on the TCP socket layer.

What should you include in the recommendation?

A. the Azure Network Watcher reachability report

B. Azure Extension for SAP

C. the NIPING command

D. the PING command

Answer: A

Explanation:

Question: 157

You are implementing a highly available deployment of SAP HANA on Azure virtual machines. You need to ensure that the deployment meets the following requirements:

- Supports host auto-failover
- Minimizes cost

How should you configure the highly available components of the deployment? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Answer: Answer: see the explanation for below image:

Explanation:

Explanation.

Answer selected as in image below.

Answer Area

HANA database and log volumes: Premium S5D disks '

I/O fencing: NFSvJ '

Question: 158

You have an SAP production landscape that uses SAP HANA databases on Azure.

You need to deploy a disaster recovery solution to the SAP HANA databases. The solution must meet the following requirements:

- Support failover between Azure regions.
- Minimize data loss in the event of a failover.

What should you deploy?

A. Azure Site Recovery
B. Always On availability group
C. HANA system replication that uses asynchronous replication
D. HANA system replication that uses synchronous replication

Answer: C

Explanation:

Question: 159

You have a Recovery Services vault backup policy for SAP HANA on an Azure virtual machine as shown in the following exhibit.

Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.

NOTE: Each correct selection is worth one point.

Answer: see the explanation for below image:

Explanation:

Explanation.

Answer selected as in image below.

Answer Area

The backup policy will support a recovery pant objective (RPO) of [answer choice] for restoring HANA 1 hour

The HANA logs can be rolled back for up to [answer choke]. 7 days

Question: 160

You have an SAP landscape on Azure that contains the virtual machines shown in the following table.

Name	Role	Azure Availability Zone in
SAPAPP1	Application Server	Zonel
SAPAPP2	Application Server	Zone 2

You need to ensure that the Application Server role is available if a single Azure datacenter fails. What should you include in the solution?

A. Azure Private Link
B. Azure Load Balancer Standard
C. a local network gateway
D. Azure Application Gateway v1

Answer: D

Explanation:

Question: 161

You plan to migrate an SAP database from Oracle to Microsoft SQL Server by using the SQL Server Migration Assistant (SSMA).

You are configuring a Proof of Concept (PoC) for the database migration You plan to perform the migration multiple times as part of the PoC.

You need to ensure that you can perform the migrations as quickly as possible. The solution must ensure that all Oracle schemas are migrated.

Which migration method and migration mode should you use? To answer, select the appropriate options in the answer area

NOTE: Each correct selection is worth one point.

Answer: Answer: see the explanation for below image:

Explanation:

Explanation.

Answer selected as in image below.

Answer Area

Migration method: Synchronization

Migration mode: Default

Question: 162

You have an SAP HANA on Azure (Large Instances) deployment that has two Type II SKU nodes. Each node is provisioned in a separate Azure region. You need to monitor storage replication for the deployment. What should you use?

A. xfsdump
B. azacsnap
C. rear
D. tar

Answer: A

Explanation:

Question: 163

DRAG DROP

You have An Azure subscription that contains an availability set named AS1 and a virtual machine named VM1. VM1 hosts an SAP NetWeavef application
You need to ensure that AS1 includes VM1.
Which four PowerShell cmdlets should you run in sequence? To answer, move the appropriare actions from the list of actions to the answer area and arrange them m the correct order.

Answer:

Explanation:

To ensure that AS1 includes VM1, you will need to run the following four PowerShell cmdlets in sequence:
Set-AzVMOSDisk -VMName VM1 -AvailabilitySetName AS1
Remove-AzVM -VMName VM1
New-AzVMConfig -VMName VM1 -AvailabilitySetName AS1
Update-AzAvailabilitySet -Name AS1

Question: 164

DRAG DROP

You have an on-premises SAP landscape that uses a DB2 database and contains an SAP Financial Accounting (SAP FIN) deployment. The deployment contains a file share that stores 50 TB of bitmap files. You plan to migrate the on-premises SAP landscape to SAP HANA on Azure (Large Instances) and Azure Files shares. The solution must meet the following requirements:

- Minimize downtime.
- Minimize administrative effort.

You need to recommend a migration solution.

What should you recommend for each resource? To answer, drag the appropriate services to the correct resources. Each service 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.

Answer:

Explanation:

Question: 165

HOTSPOT

You have an Azure AD tenant named contoso.com that syncs to an Active Directory domain hosted on an Azure virtual machine.

You plan to deploy an SAP NetWeaver landscape on Azure that will use SUSE Linux Enterprise Server (SLES).

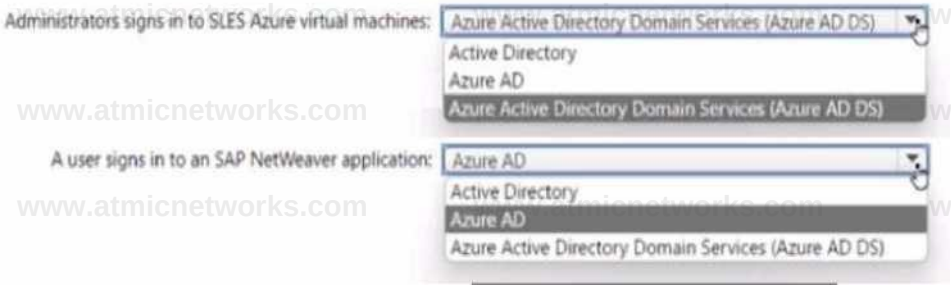
You need to recommend an authentication solution for the following, scenarios. The solution must support Azure Multi-Factor Authentication (MFA);

- Administrators sign in to SLES Azure virtual machines.
- A user signs in to an SAP NetWeaver application.

What should you recommend for each scenario? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area



Answer:

Explanation:

Answer Ares

Administrators signs tn to SIES Azure virtual machines; Azure Active Directory Domjm Services (Azure AD D5)

A user signs in to an SAP NetWeaver application: Azure AO

Question: 166

HOTSPOT

You have an on-premises deployment of SAP HANA that contains a production environment and a development environment.

You plan to migrate both environments to Azure.

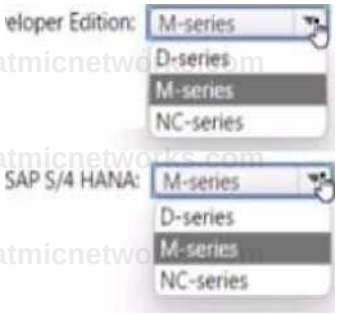
You need to identify which Azure virtual machine-series to use for each environment. The solution must meet the following requirements: • Minimize costs.

- Be SAP HANA-certified.

What should you identify for each requirement? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Are*



Answer:

Explanation:

Answer Area

SAP HANA Developer Edition M serie

SAP S/4 HANA Msenr

Question: 167

You have an SAP production landscape on Azure that contains the virtual machines shown in the following table.

Name	Subnet	Network security group (NSG)	Route table
VM1	Subnet i	VM1-NSG	None
VM2	Subnet 1	VM2-NSG	None

VM1 cannot connect to an employee self-service application hosted on VM2.

You need to identify what is causing the issue.

Which two options in Azure Network Watcher should you use? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point

A. Connection troubeshoot

B. Connection monitor

C. IP flow verify

D. Network Performance Monitor

Answer: A, C

Explanation:

Question: 168

You have an SAP landscape on Azure that uses SAP HANA

You perform a daily backup of HANA to Azure Blob Storage and retain copies of each backup for one year

You need to reduce the backup storage costs.

What should you implement?

A. a stored access policy

B. a Recovery Services Vault backup policy

C. a storage access tier

Answer: C

Explanation:

Question: 169

You migrate an on-premises instance of SAP NANA that runs SUSE Linux Enterprise Server (SLES) to an Azure virtual machine.

You project that in two years, you will replace the virtual machine with a larger virtual machine within the same flexibility group.

You need to recommend solutions to minimize HANA deployment costs during the next three years.

The solutions must not affect the availability SLAs.

Which two solutions should you recommend? Each correct answer presents a complete solution NOTE: Each correct selection is worth one point.

A. a three-year reservation that has instance size flexibility

B. a one-year reservation that has instance size flexibility

C. a one-year reservation that has capacity priority

D. Azure Hybrid Benefit

E. Azure Spot instance

Explanation:

Answer: A, D

Question: 170

HOTSPOT

You have an SAP production landscape on Azure that contains the resources shown in the following table.

Name	Type
PN0	SAP security identifier (SID)
00	Instance ID
VM2	Virtual machine
RG1	Resource group

You need to stop the SAP services so that you can perform monthly maintenance.

Which command should you run from the Azure Cloud Shell? To answer, select the appropriate options in the answer area

NOTE: Each correct selection is worth one point.

Answer Are*

I Stopsap ye‴K nr*—" I Out-filf .\OWM«ffl

'Sloptap

Sapslsdi 'runSAP3Claw.cmd Mpshcuteve

Invoke AtVMRunCoiTiiwd__ TI-atiovrctOroupiUM *Ml* -Me«aM "VHJ" -ScrlptPatb .\coaMad.pal -CoaMMtd **Mi*eMrSlMlltcrl*t*

[invoke-ArVMRunCommand

invoke-AfRetouceAction

Get-Command

Set-AzVMCustomStnptErtension

Answer:

Explanation:

Answer Area

Stopsap ' nnw-Mlt nr.00" | Mt'filt ACMMiM.pfl

Invoke-AjVMRun<onima<ld ' ^RetMrctdcoupruiM *W1' «WVtaM *VMJ* -StriptP*th ,\C0M*M.ptl Owundld *ftun^»w«rSh«m<rlpt

Question: 171

HOTSPOT

You have an instance of SAP NANA on Azure (Large Instances) named HIM.

You plan to deploy Azure virtual machines. The virtual machines will host application servers that will access the database on HLI1.

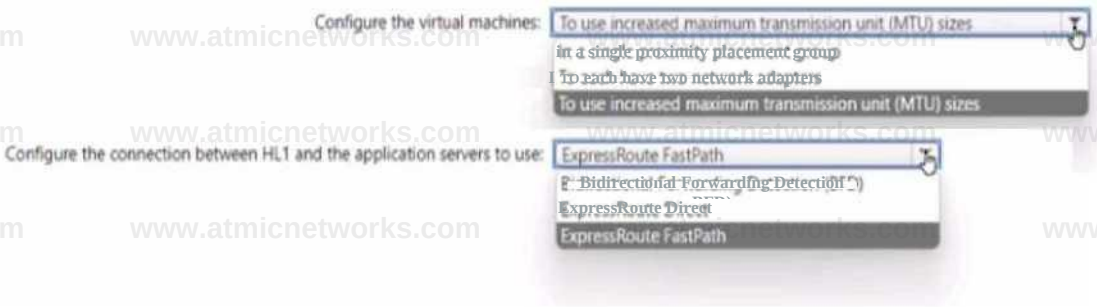
You need to minimize latency between the application servers and HLH

What should you do? To answer, select the appropriate options m the answer area

NOTE: Each correct selection is worth one point.

Answer Area

Answer Area



Answer:

Explanation:

Answer Area

Configure the virtual machines: To use increased maximum transmission unit (MTU) sizes

Configure the connection between HU and the application servers to use: Express Route FastPath

Question: 172

HOTSPOT

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
The Azure Extension for SAP stores performance data in an Azure Storage account		
You can enable the Azure Extension for SAP on a SUSE Linux Enterprise Server 12 (SIES 12) server by running the Set-AsWUCHErtension cmdlet		
You can enable the Azure Extension for SAP on a server that runs Windows Server 2016 by running the Sat*axvi«w«xtensioa cmdlet		

Answer:

Explanation:

Answer Ares Statements **Yes No**

The Azure Extension for SAP stores performance data in an Azure Storage account ♦

You can enable the Azure Extension tor SAP on a SUSE Linux Enterprise Server 12 (SIES 12) •
server by running the Set-Atvrwcxtension cmdlet

You can enable the Azure Extension for SAP on a server that runs Windows Server 2016 by • running the set-axvmMxtMsion cmdlet.

Question: 173

HOTSPOT

You have an SAP on Azure landscape. You need to gather the following metrics:

- The network latency between an SAP NetWeaver server and an SAP HANA server.
- The throughput and latency of the storage subsystem on Windows Server and Linux platforms

What should you use for each metric? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Network Performance
Monitor lometer
Network Performance
Connection Monitor in Azure Network
SockPerf

Storage subsystem throughput and

DISKSPD
DISKSPD
FIO
Isblk
SockPerf

Network latency

Answer

Explanation:

Answer Area

Network latency Network Performance Monitor

Stooge subsystem throughput and latency OSKSPD

Question: 174

HOTSPOT

You have an Azure subscription that contains the resources shown in the following table.

Name	Type
RG1	Resource group
VM1	Virtual machine
corpsoftware	Awt Storage account

You plan to deploy an SAP production landscape.

You create the following PowerShell Desired State Configuration (DSC) and publish the DSC configuration to corpsoftware.

Configuration lit {

Jap«rfO»<MMWCt • nodulehMe •PSOeiiredStateConflguration

```
Package Installer (
    Ensure • 'Present'
    Nam • 'Java I"
    Path • "Wile41\Softuare\IreInstell.exe'
    Arguments • */* »E#OOT«» S*GNJON$«O MMOVMMTOPOalt 1M$«I INSTAU.SIlINT-I AUTO_U*OAT(«* tULA*«* ProOuctId • 'MA2*U4>»WO*4CM-
    I?B4-2FM1M1«V«'
```

You need to deploy the DSC configuration to VM1.

How should you compete the command? To answer, select the appropriate options in the answer area NOTE: Each correct selection is worth one point.

Answer Area

```
| SebAzVMDstE a tension                                    ~* |-IlEiourctaroupiiw Mi -V*Wa»e WB * Archive St o'-ajeAccowntHdme corpsoftwere -ArchiveBlobMaae JREIrttall ;
  importAzAutomationChcConfi^ufation I
  Set-AZAutomahon DSC Node
  set AzVWL>scIntension
  Set-AaVW Extension •AutoUpdate -Confl|wratiof91MM jREInsUI ' Installer Java 8 ME
                                    JREInsUi
```

Answer:

Explanation:

Answer Area

```
SetAzVMChcEiterHKXi                    " -ncsovrcefireupNeM Ml -vng»< vni -Ar<MwSter«(eAccwntIlM* corpseftwar* - Archive! lobtttx 'AHnstillpii.tU
■AutoUpdata -Confl|urat lonHaaw iREImijl '
```

Question: 175

You plan to implement a highly available SAP HANA deployment by using two Azure virtual machines that run SUSE Linux Enterprise Server (SLES). You need to create an Azure Fence agent STONITH block device (SBD).

What should you do first?

A. Create a system-assigned managed identity.
B. Create a storage account
C. Create an application registration in Azure AD.
D. Create a user-assigned managed identity

Answer: C

Explanation:

Question: 176

You have an Azure subscription.

You plan to deploy an SAP production landscape on Azure

You need to select a support plan. The solution must meet the following requirements:

- Respond to critical impact incidents within one hour.
- Minimize costs.

What should you choose?

A. Professional Direct
B. Standard
C. Basic
D. Premier

Answer: B

Explanation:

Question: 177

You have an Azure subscription that contains an SAP HANA on Azure (Large Instances) deployment.

The deployment is forecasted to require an additional 256 GB of storage. What is the minimum amount of additional storage you can allocate?

A. 256 GB
B. 512 GB
C. 1TB
D. 2 TB

Answer: A

Explanation:

Question: 178

You plan to deploy an SAP production landscape on Azure.

You need to estimate how many SAP operations will be processed by the landscape per hour. The solution must minimize administrative effort.

What should you use?

A. SAP Quick Sizer
B. SAP HANA hardware and cloud measurement tools
C. SAP S/4HANA Migration Cockpit
D. SAP GUI

Answer: A

Explanation:

Question: 179

DRAG DROP

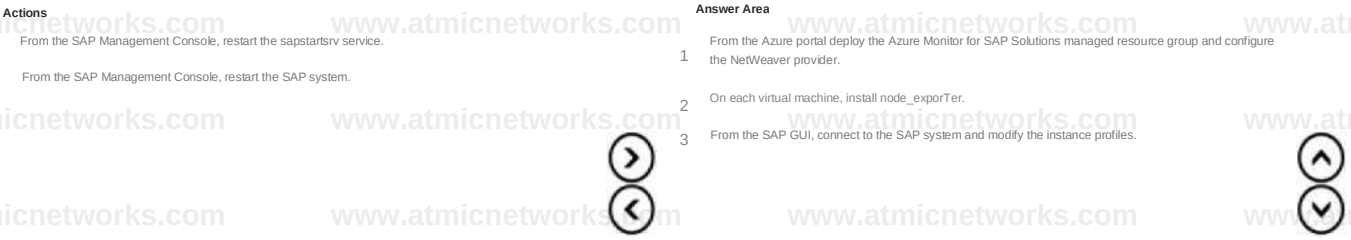
You have an Azure subscription that contains a highly available SAP NetWeaver deployment. The deployment contains four virtual machines.

You need to monitor the NetWeaver deployment by using Azure Monitor for SAP Solutions. During the implementation of Azure Monitor for SAP Solutions, downtime of the deployment must be minimized.

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.

Answer:

Explanation:



Question: 180

You have four SAP NetWeaver servers that run on Azure virtual machines deployed across two Azure Availability Zones.

You plan to deploy a load balancing solution for the SAP GUI app. What should you use?

A. Azure Standard Load Balancer
B. Azure Application Gateway V1
C. Azure Basic Load Balancer
D. Azure Application Gateway V2

Answer: A

Explanation:

Question: 181

You are planning a deployment of SAP on Azure that will use SAP HANA.

You need to ensure that the SAP application servers are in the same datacenter as the HANA nodes. What should you use?

A. a resource group
B. a virtual machine scale set
C. an application group
D. a proximity placement group

Answer: D

Explanation:

Question: 182

DRAG DROP

You have an SAP landscape on Azure that contains the virtual machines shown in the following table.

Name	Configuration
DB1	Microsoft SQL Server 2017
HANA1	SAP HANA 2.0
WEB01	SAP Web Dispatcher that runs on Windows Server 2019

You need to recommend a recovery solution in the event of an Azure regional outage. The solution must meet the following requirements:

- Minimize costs.
- Minimize data loss.
- Minimize administrative effort.

What should you recommend for each virtual machine? To answer, drag the appropriate services to the correct virtual machines. Each service 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.

Explanation:

Answer:

Question: 183

You have an on-premises SAP landscape and a hybrid Azure AD tenant. You plan to enable Azure AD authentication for SAP NetWeaver. What should you configure first in Azure AD?

A. a conditional access policy
B. an Azure AD Application Proxy
C. a service principal
D. a user flow

Answer: B

Explanation:

Question: 184

You have an Azure subscription that contains 10 virtual machines.
You plan to deploy an SAP landscape on Azure that will run SAP HANA.
You need to ensure that the virtual machines meet the performance requirements of HANA.
What should you use?

A. SAP Quick Sizer
B. Azure Advisor
C. ABAP Profiler
D. SAP HANA Hardware and Cloud Measurement Tool (HCMT)

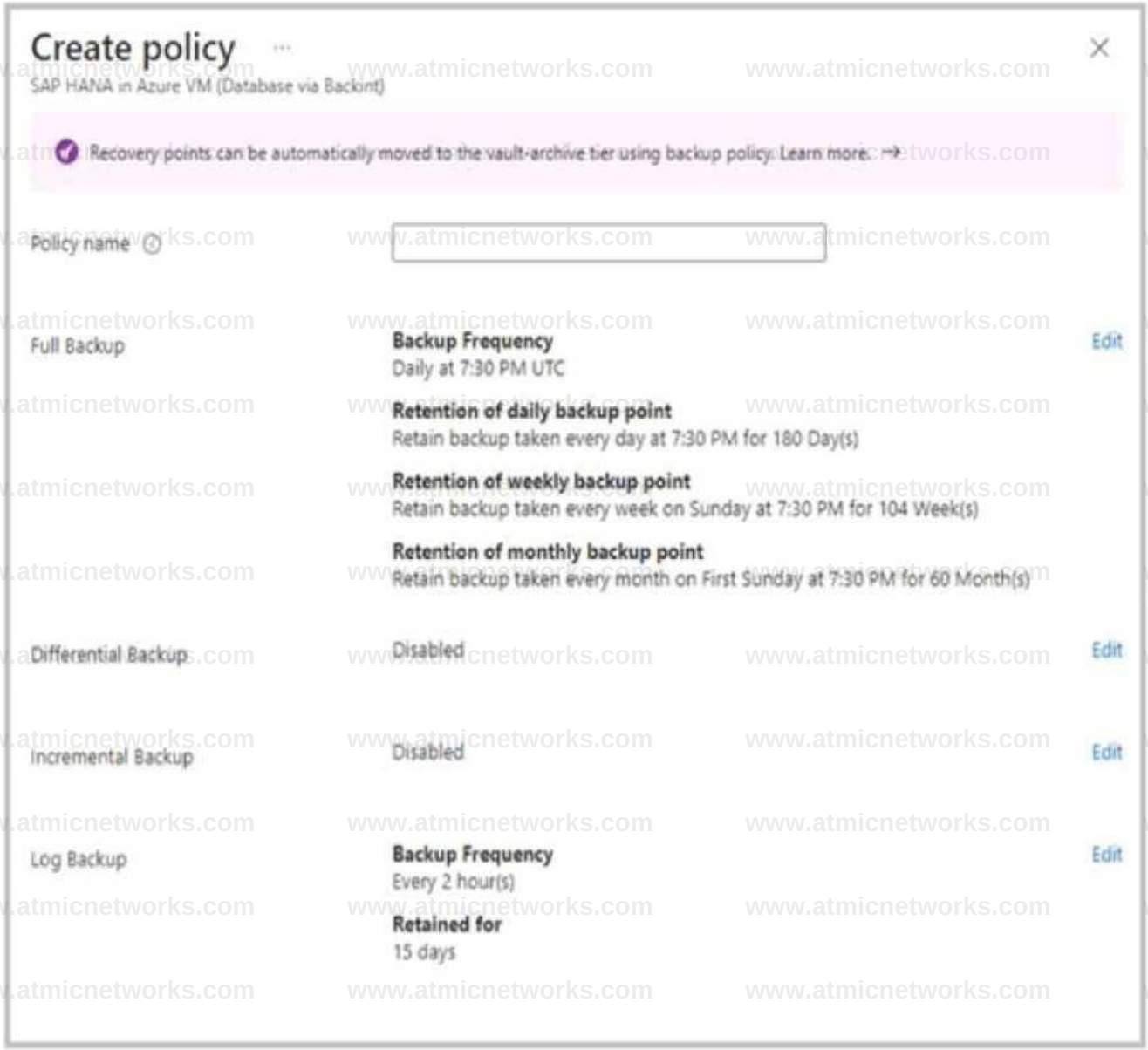
Answer: D

Explanation:

Question: 185

HOTSPOT

You have an SAP on Azure production landscape that contains an SAP HANA database. You create a backup policy as shown in the following exhibit.



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

Answer Area

In addition to the full backup, you can create [answer choice] differential backups and incremental backups
differential backups only
dilferential backups and incremental
only differential backups or only incremental

logs of the weekly backups will be retained for [answer

104 weeks
15 days
180 days
104 weeks
105 weeks

Answer:

Explanation:

Answer Area

in addition to The full backup, you can create [answer choice) differential backups and incremental backups

Logs of the weekly backups will be retained for [answer choice! 104 weeks

Question: 186

HOTSPOT

You plan to deploy two Azure virtual machines that will host an SAP HANA database for an SAP landscape. The virtual machines will be deployed to the same availability set. You need to meet the following requirements:

- Ensure that the virtual machines support disk snapshots.
- Ensure that the virtual machine disks provide submillisecond latency for writes.
- Ensure that each virtual machine can be allocated disks from a different storage cluster.

Which type of operating system disk and HANA database disk should you use? To answer, select the appropriate options in the answer area. NOTE Each correct selection is worth one point.

Answer Area

Operating system disk Premium storage

Azure NetApp Files
Premium storage
Ultra disk

HANA database disk [Ultra disk

Azure NetApp Files
Premium storage _____
Ultra disk

Answer:

Explanation:

Answer Area

Question: 187

HOTSPOT

You are designing a four-node SAP Web Dispatcher deployment for an SAP on Azure landscape.

You need to recommend a resiliency solution and a load-balancing solution for the deployment. The solution must meet the following requirements;

- Receive the highest SLA from Microsoft.
- Load balance client connections.
- Minimize administrative effort

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

Answer Area

Resiliency Availability zones

^Availability sets

Availability zones

Proximity placement group

Load-balancing: Azure Standard Load Balancer

Azure Application Gateway v1

Azure Application Gateway v2 Azure Standard Load Balancer Basic Azure Load Balancer

Answer:

Explanation:

Answer Area

Resiliency Availability zones ,

Load-balancing: Azure Standard Load Balancer ,

Question: 188

You have an Azure subscription that contains a virtual network named VNET1, an SAP production landscape on Azure, and an SAP non-production landscape on Azure. Both landscapes connect to VNET1. Each landscape contains virtual machines that run the following:

- SAPHANA
- SAP NetWeaver

- Microsoft SQL Server

You need to monitor the landscapes. The solution must minimize costs.

What is the minimum number of required Azure Monitor for SAP Solutions instances?

A. 1
B. 2
C. 3
D. 6

Answer: B

Explanation:

Question: 189

HOTSPOT

You are planning an SAP NetWeaver deployment on Azure. The database tier will consist of two Azure virtual machines that have Microsoft SQL Server 2017 installed. Each virtual machine will be deployed to a separate availability zone.

You need to perform the following:

- Minimize network latency between the virtual machines.
- Measure network latency between the virtual machines.

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

Answer Area

Answer:

Explanation:

Answer Area

To minimize latency: Enable Accelerated Networking

To measure latency, use; Niping

Question: 190

DRAG DROP

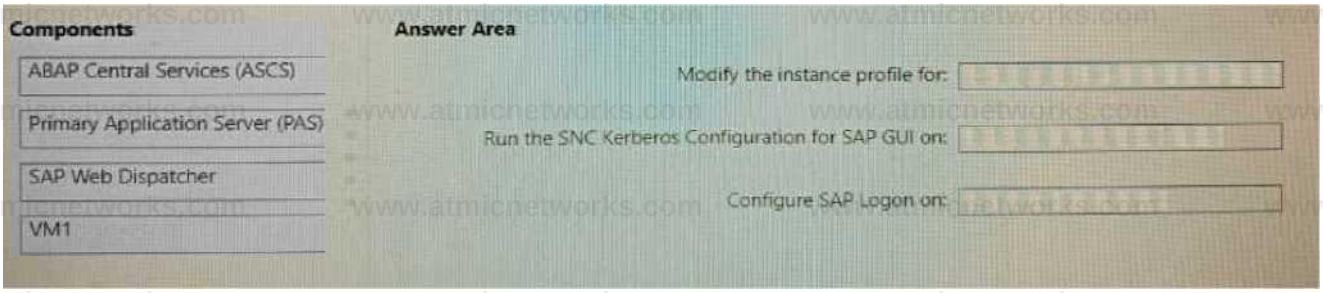
You have an SAP ERP Central Component (SAP ECO deployment on Azure virtual machines. The virtual machines run Windows Server 2022 and are members of an Active Directory domain named

contoso.com.

You install SAP GUI on an Azure virtual machine named VM1 that runs Windows 10.

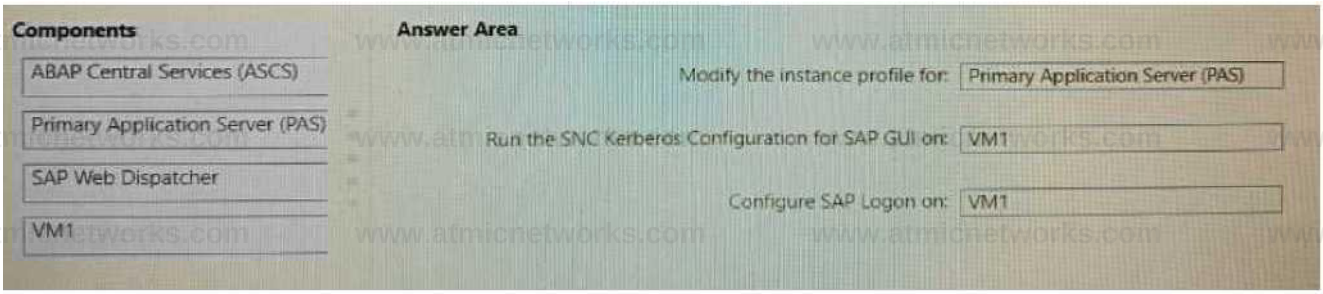
You need to ensure that contoso.com users can sign in to SAP ECC via SAP GUI on VM1 by using their domain credentials.

What should you do? To answer, drag the appropriate components to the correct tasks. Each component 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.



Answer:

Explanation:



Question: 191

You have an on-premises SAP NetWeaver landscape that contains an IBM DB2 database.

You need to migrate the database to a Microsoft SQL Server instance on an Azure virtual machine. Which tool should you use?

A. Data Migration Assistant
B. SQL Server Migration Assistant (SSMA)
C. Azure Migrate
D. Azure Database Migration Service

Answer: B

Explanation:

Question: 192

You have a highly available deployment of SAP NetWeaver on Azure virtual machines. The database tier is hosted on two virtual machines that run Windows Server 2019 and have Microsoft SQL Server 2017 installed. The NetWeaver, application, and database tiers each reside on a separate subnet within the same virtual network.

You run ABAPMeter against the deployment and discover that the average value of Act DB is 2 ms. You need to lower the Acc DB value.

What should you do?

A. Increase the tempdb size on the SQL Server virtual machines.
B. Move the application virtual machines to the same subnet as the SQL Server virtual machines.
C. Configure the SQL Server database to use asynchronous replication.
D. Redeploy the NetWeaver. application, and SQL Server virtual machines to the same proximity placement group.

Answer: D

Explanation:

Question: 193

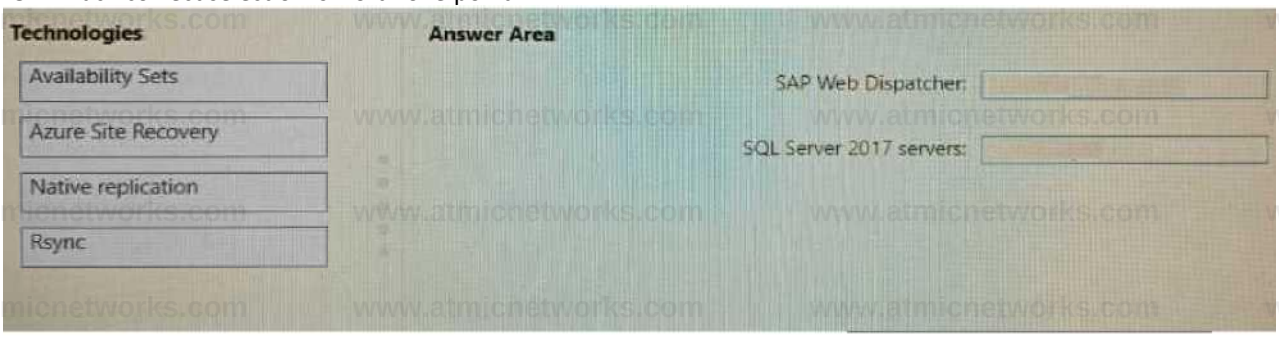
DRAG DROP

You plan to deploy SAP on Azure.
The deployment must meet the following requirements:

- Support failover to another Azure region in the event of a regional outage.
- Minimize data loss during a failover.
- Minimize costs.

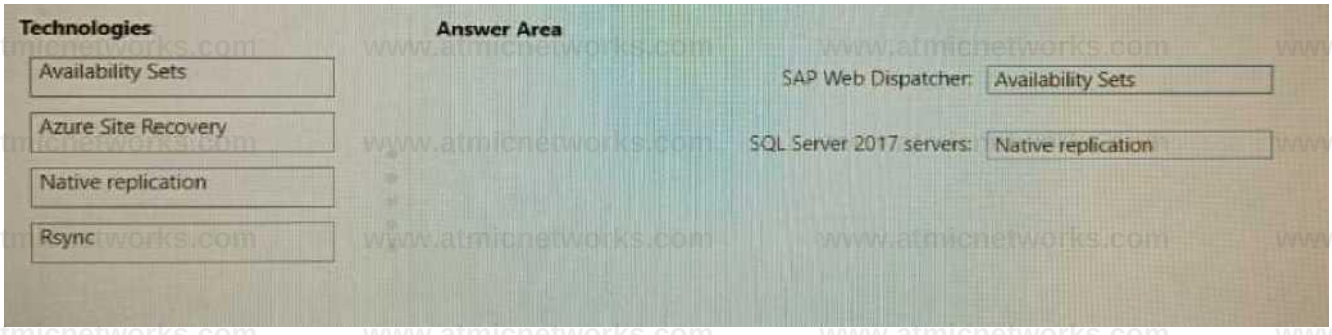
Which fault tolerance technology should you choose for the SAP Web Dispatcher and the Microsoft SQL Server 2017 servers to meet the requirements? To answer, drag the appropriate technologies to The correct targets. Each technology may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view

NOTE: Each correct selection is worth one point.



Answer:

Explanation:



Question: 194

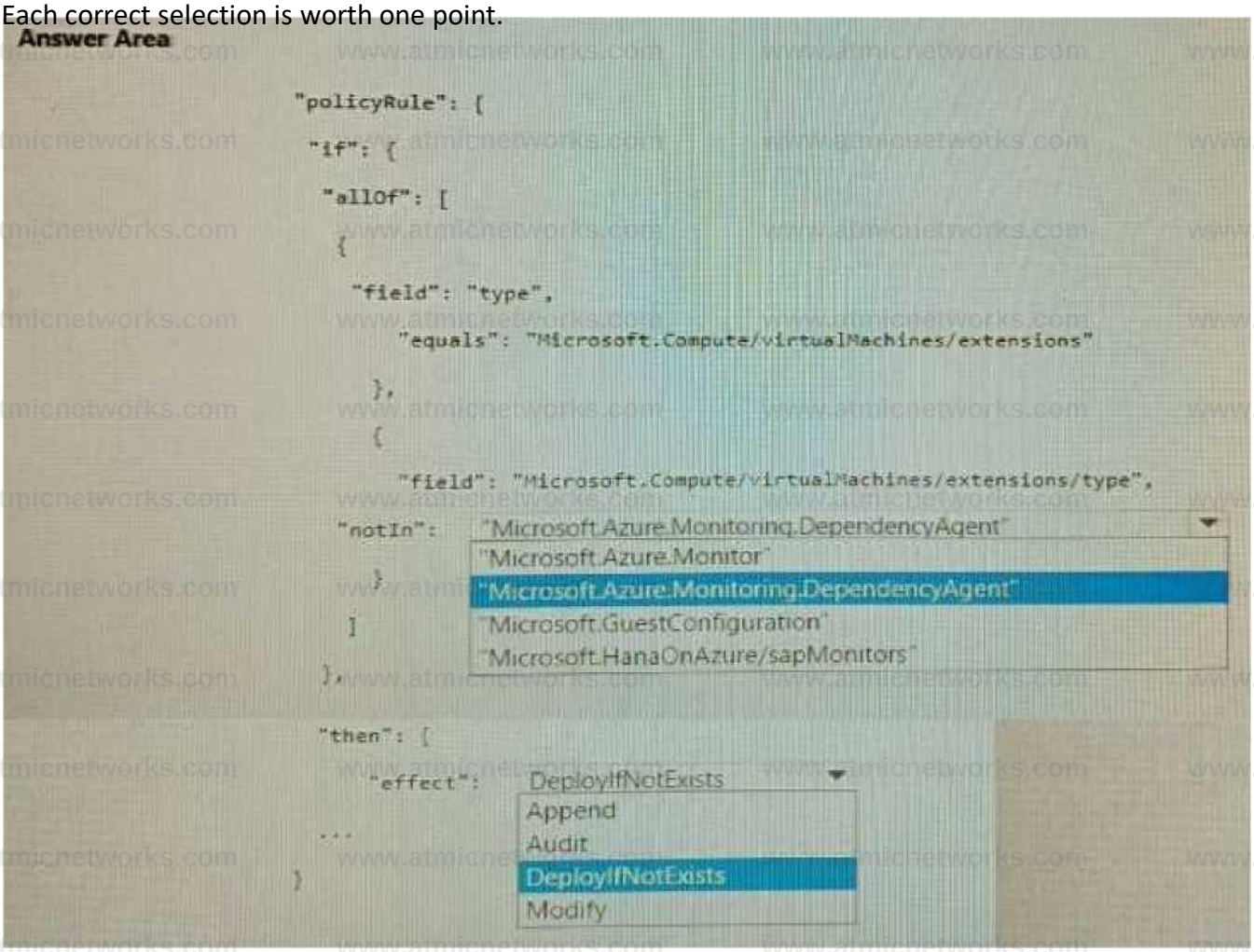
HOTSPOT

You are deploying an SAP production landscape in Azure.
You need to create an Azure policy that meets the following requirements:

- Limits which applications can be installed on virtual machines

• Ensures that when a virtual machine is deployed, the virtual machine has the latest version of the extension to be installed

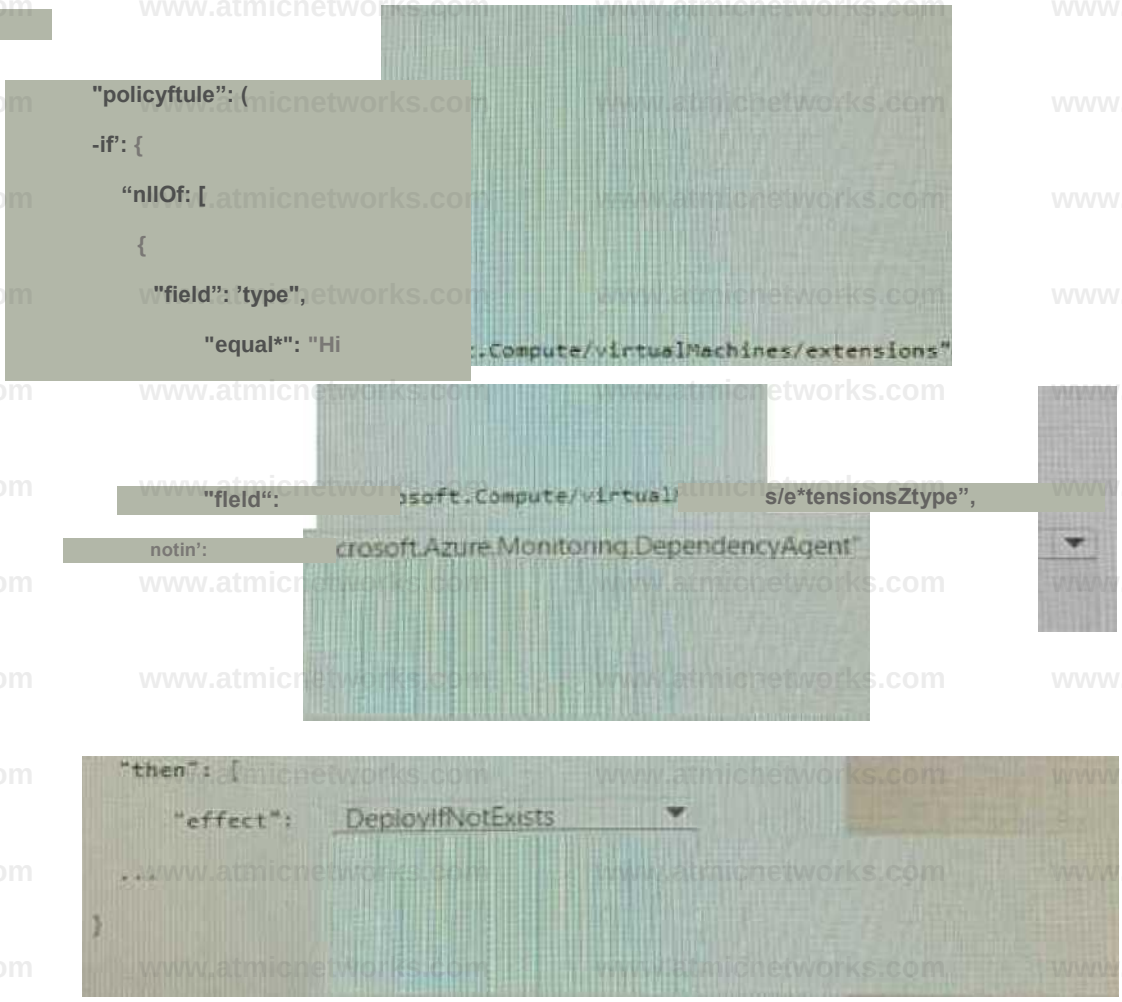
How should you complete the policy? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.



Answer:

Explanation:

Answer Area



Question: 195

DRAG DROP

You have an on-premises network and an Azure subscription.

You plan to deploy a standard three-tier SAP architecture to a new Azure virtual network.

You need to configure network isolation for the virtual network. The solution must meet the following requirements:

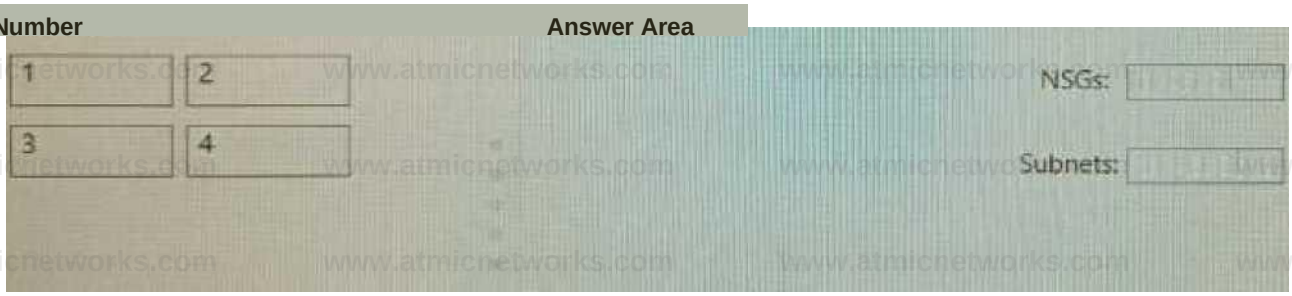
- Allow client access from the on-premises network to the presentation servers.
- Only allow the application servers to communicate with the database servers.
- Only allow the presentation servers to access the application servers.
- Block all other inbound traffic.

What is the minimum number of network security groups (NSGs) and subnets required? To answer, drag the appropriate number to the correct targets. Each number 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.

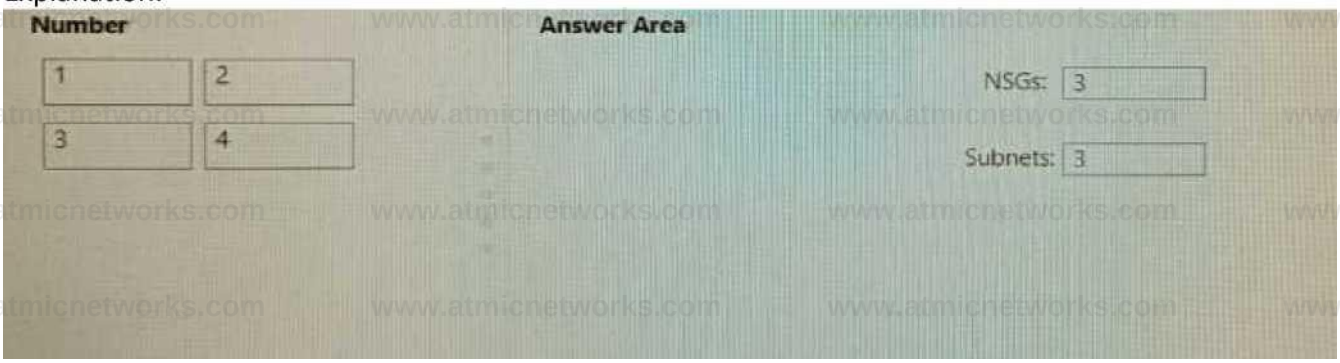
Number

Answer Area



Answer:

Explanation:



Question: 196

You have an Azure subscription that contains a Recovery Services vault named RSV1 and a virtual machine named VM1. VM1 runs SUSE Enterprise Linux (SLES) and hosts an SAP HANA instance.

You need to configure a HANA 8ackint-based backup of the HANA databases.

You register VM1 with RSV1.

What should you do next?

A. On VM1, install the Azure Backup Plugin for HANA.
B. From RSV1, select the items to back up.
C. On VM1, run the preregistration script.
D. On VM1, stop the HANA instance.

Answer: C

Explanation:

Question: 197

You plan to deploy an SAP landscape on Azure that will use SAP HANA on Azure (Large Instances).

You need to ensure that outbound traffic from the application tier can flow only to the database tier. What should you use?

A. network virtual appliances (NVAs)
B. network security groups (NSGs)
C. application security groups
D. Azure Firewall

Answer: C

Explanation:

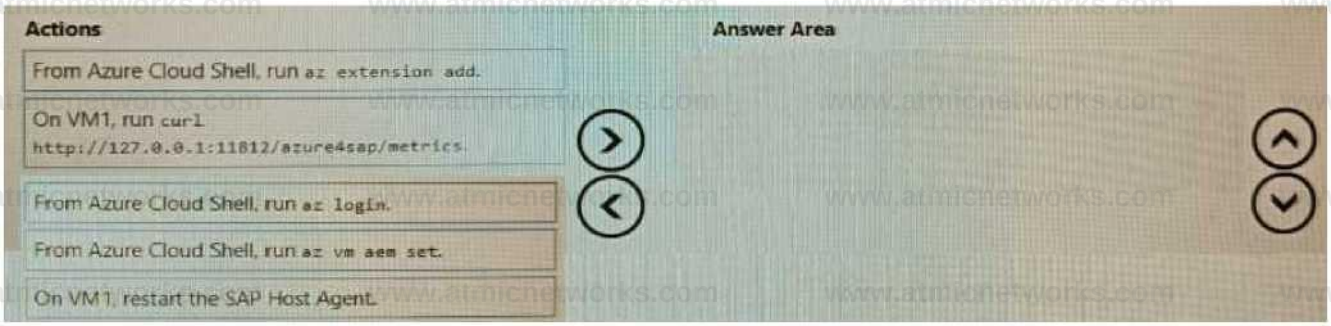
Question: 198

DRAG DROP

You have an Azure virtual machine named VM1 that runs SUSE Linux Enterprise Server (SLE5) and hosts an SAP NetWeaver application server.

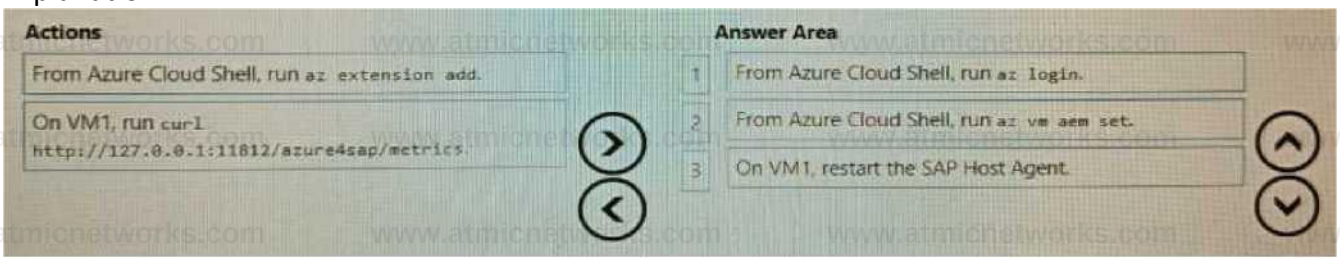
You need to install the Azure VM extension for SAP solutions on VM1.

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



Answer:

Explanation:



Question: 199

You have an SAP production landscape in Azure that is hosted on virtual machines that run Windows Server and Red Hat Enterprise Linux.

You need to monitor the virtual machines. The solution must ensure that you can collect logs from the virtual machines by using data collection rules (DCRs).

What should you install on each virtual machine?

A. the Log Analytics agent
B. the Guest Configuration extension
C. the Azure Monitor agent
D. the Azure Diagnostics extension

Answer: C

Explanation:

Question: 200

You are designing an SAP production landscape on Azure.

The landscape must ensure service availability in the event of an Azure datacenter failure What should you include in the design?

A. an availability zone
B. an availability set
C. a fusion group
D. a proximity placement group

Answer: A

Explanation:

Question: 201

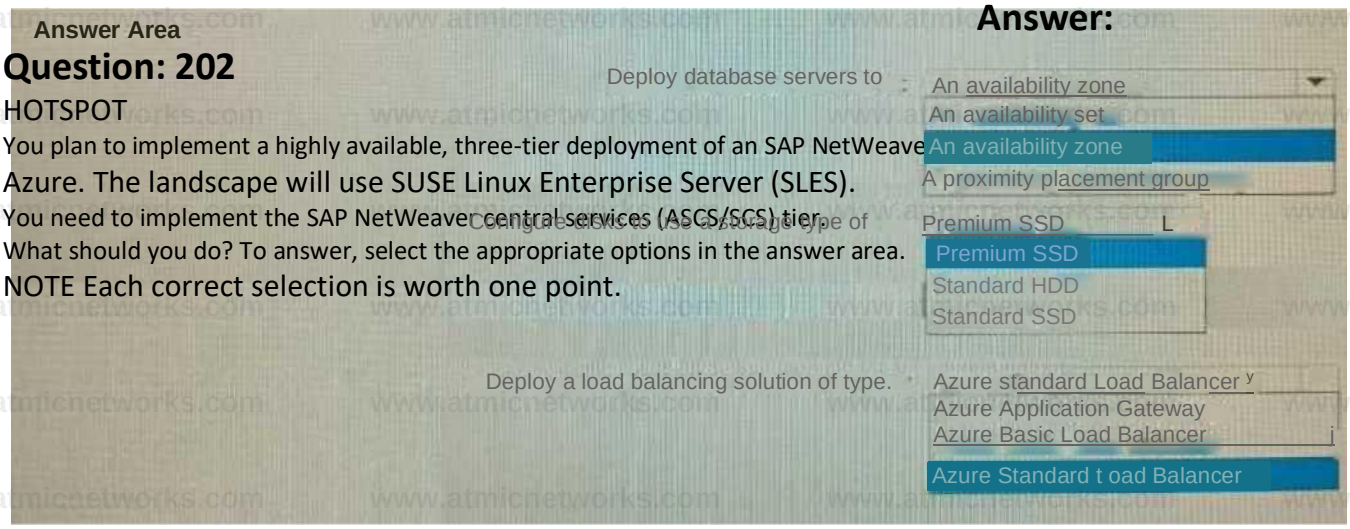
HOTSPOT

You plan to deploy an SAP NetWeaver landscape that will use SQL Server on Azure virtual machines. The database tier must meet the following requirement

- Maintain database availability in the event of a single Azure datacenter failure.
- Maximize IOPS-

How should you configure the database tier? To answer, select the appropriate options in the answer area.
NOTE Each correct selection is worth one point.

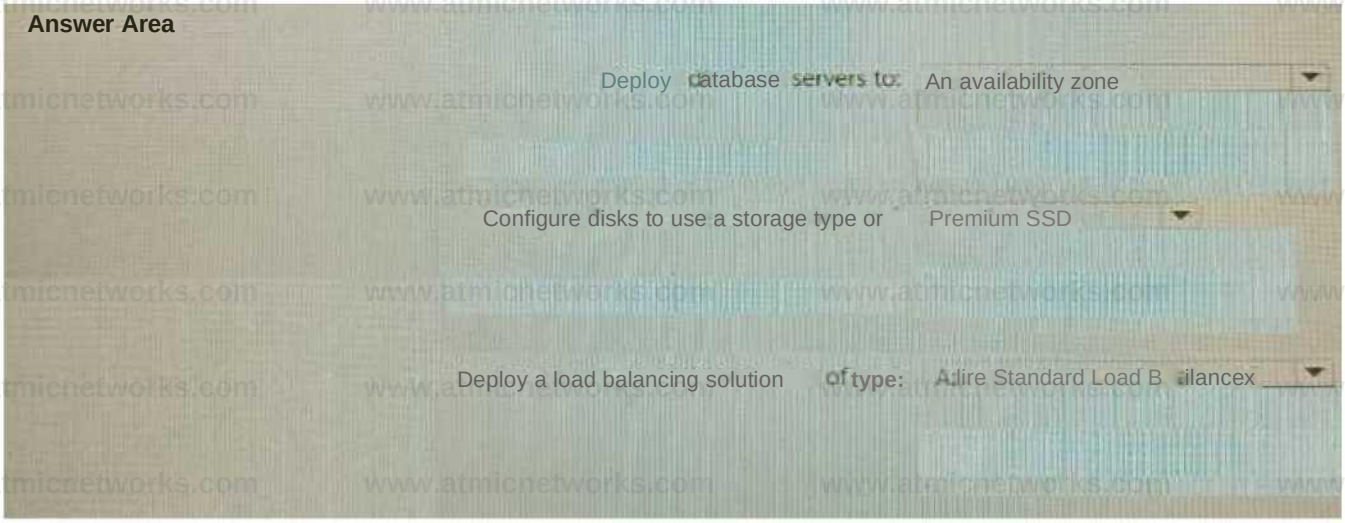
Answer:

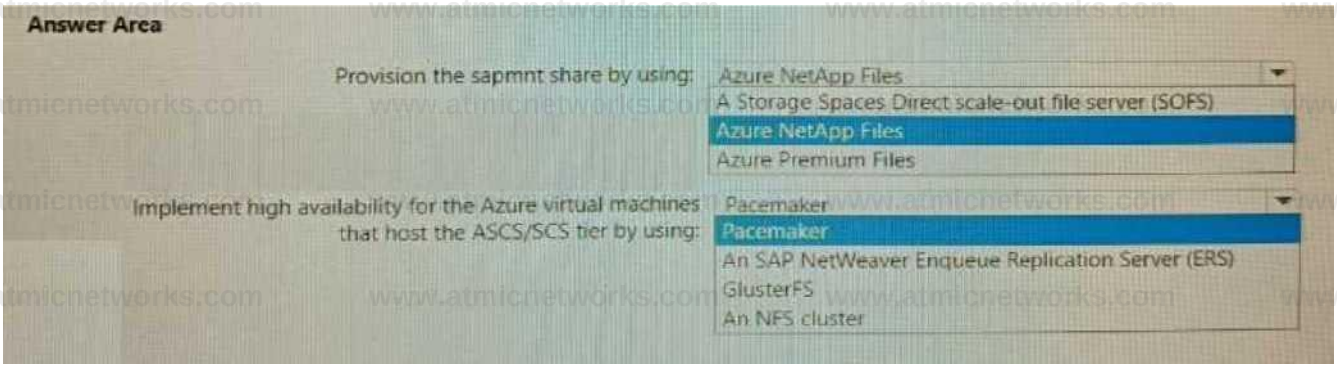


Question: 202

HOTSPOT
You plan to implement a highly available, three-tier deployment of an SAP NetWeave
Azure. The landscape will use SUSE Linux Enterprise Server (SLES).
You need to implement the SAP NetWeaver central services (ASCS/SCS) tier.
What should you do? To answer, select the appropriate options in the answer area.
NOTE Each correct selection is worth one point.

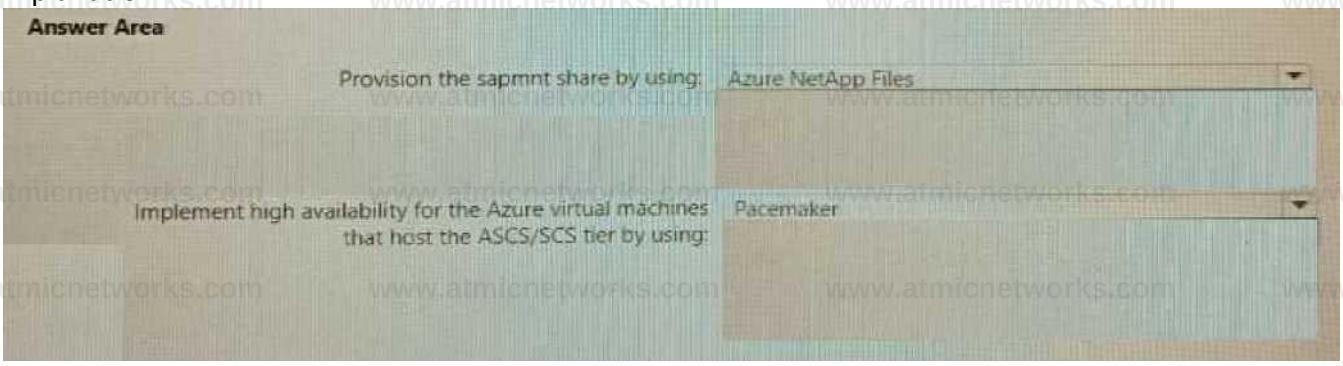
Explanation:





Answer:

Explanation:



Question: 203

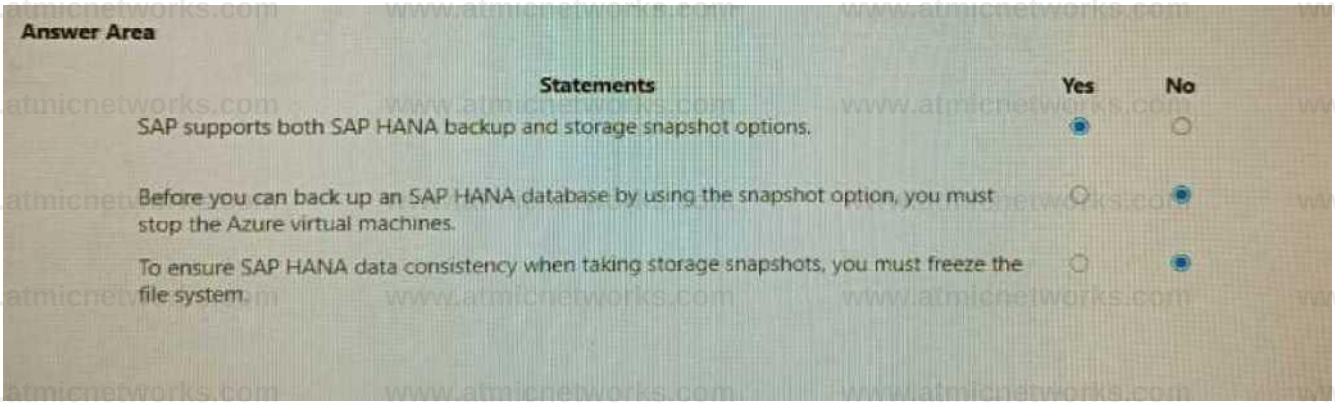
HOTSPOT

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
SAP supports both SAP HANA backup and storage snapshot options.		
Before you can back up an SAP HANA database by using the snapshot option, you must stop the Azure virtual machines		
To ensure SAP HANA data consistency when taking storage snapshots, you must freeze the file system		

Answer:

Explanation:



Question: 204

HOTSPOT

You plan to implement a deployment of SAP NetWeaver on Azure. The deployment will be hosted on virtual machines that run a custom Windows Server 2022 Datacenter image.

You need to configure the virtual machines to support Secure Boot.

What should you do? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Enable Secure Boot by: Setting Security type to Trusted launch virtual machines | Installing the Key Vault virtual machine extension for Windows | Setting Encryption type to customer-managed keys

Setting Secunty type to Trusted launch virtual machines

Use virtual disk format: VHDX | VHD | VHDS

VHDX

Answer:

Explanation:

Answer Area

Enable Secure Boot by: Setting Secunty type to Trusted launch virtual machines

Use virtual disk format: VHDX

Question: 205

HOTSPOT

You have an SAP on Azure deployment that contains a production landscape and a non-production landscape.

You have the virtual machines shown in the following table.

Name	Role	Size	Tier	Availability
HANAI	SAP HANA	M32ms	Production	24 x 7

SCSI	SAP Central Services (SCS)	D8s-v3	Non-production	09:00-17:00

You need to minimize the costs of the deployment for the next 12 months. The solution must meet the following requirements:

- Maintain SAP support
- Minimize application impact.

What should you do on each virtual machine? To answer, select the appropriate options in the answer are a. NOTE: Each correct selection is worth one point.

Answer Area

HAN[A 1:] | Purchase a reserved instance.
Configure snoozing for non-business hours.
Conven the disk storage type to HDD.
Disable Accelerated Networking.

SCSI: Configure snoozing for non-business hours.

Convert the disk storage type to HDD.
Disable Accelerated Networking.

Answer:

Explanation:

Answer Area

HANA1: Purchase a reserved instance.

SCSI: Configure snoozing for non-business hours.

Question: 206

HOTSPOT

You have an on-premises SAP NetWeaver production landscape and an Azure subscription that contains the resources shown in the following table.

Name	Description	Location
SAPDB1	Solaris SPARC server that runs an Oracle database of 10 TB	On-premises
Vnetl	Azure virtual network	Azure
SAPSQLVM1	Azure virtual machine that runs Microsoft SQL Server 2017 and connects to VNetl	Azure

SAPEXP1	Intel server that runs Windows Server	On-premises
SAPEXP2	Intel server that runs Windows Server	On-premises
SAPEXP3	Intel server that runs Windows Server	On-premises
SAPEXP4	Intel server that runs Windows Server	On-premises
SAPIMP1	Azure virtual machine that runs Windows Server and connects to VNetl	Azure

You have a 10-Gbps ExpressRoute circuit between the on-premises environment and VNet1.

You plan to migrate the landscape to Azure.

As part of the solution, you need to migrate the on-premises Oracle database to SAPSQLVM1. The solution must minimize how long it will take to complete the data migration.

What should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

To export the Oracle database: RMAN

R3load

RMAN

Azure Import/Export

To transfer the database files to Azure before the import Azure Import/Export

R3load

Robocopy

R3ta

Azure Import/Export

Answer:

Explanation:

Answer Area

To export the Oracle database: RMAN

To transfer the database files to Azure before the import Azure Import/Export

Question: 207

HOTSPOT

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
Enabling Accelerated Networking on an SAP application server will decrease CPU usage.		

Enabling Accelerated Networking on an SAP application server will increase packet delay variance, also known as jitter.

You can enable Accelerated Networking on any Azure virtual machine.

Answer:

Explanation:

Answer Area

Statements	Yes	No
Enabling Accelerated Networking on an SAP application server will decrease CPU usage.		•
Enabling Accelerated Networking on an SAP application server will increase packet delay variance, also known as jitter.	•	
You can enable Accelerated Networking on any Azure virtual machine.		•

Question: 208

HOTSPOT

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

Answer:

Explanation:

Answer Area

Statements	Yes	No
SAP HANA certification for M-Senes Azure virtual machines requires that Write Accelerator be enabled on the /hana/data volume.	•	
SAP HANA certification for M-Senes Azure virtual machines requires that Write Accelerator be enabled on the /hana/log volume.	•	
To enable Write Accelerator, you must use Azure Premium managed disks.		•

Question: 209

You have an existing SAP production landscape on Azure. The SAP application virtual machines have static IP

addresses.

You need to replicate the virtual machines to another Azure region by using Azure Site Recovery. The source and target subnets have different address ranges.

Which three actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

A. Stop the virtual machines.
B. Create a backup policy.
C. Create a recovery plan.
D. Modify the networking configuration.
E. Replicate the virtual machines.

Answer: A, C, E

Explanation:

Question: 210

You have an on-premises SAP AnyDB deployment hosted on an operating system that is NOT supported in Azure.

You need to migrate the deployment to Azure by performing a replatform and migration to SAP HAN

A. The solution must meet the following requirements:

- Minimize administrative effort.
- Minimize downtime.

What should you use?

A. SAP Software Provisioning Manager
B. SAP Software Update Manager
C. Azure Migrate
D. Azure Database Migration Service

Answer: B

Explanation:

Question: 211

Your on-premises network contains the following:

- A 1-Gbps internet connection
- An SAP HANA 1.0 instance that has a 4-TB database
- An SAP landscape that uses SUSE Linux Enterprise (SLES) 12

You have an Azure subscription that contains a virtual machine. The virtual machine is of the M64s SKU and runs SLES 15 and HANA 2.0.

You need to migrate the database to the virtual machine and upgrade the database to HANA 2.0. The solution must meet the following requirements:

- The migration must be performed during a weekend.
- The database can be ofline during the migration.

Which migration method should you use?

A. Azure Data Box
B. HANA database backup and log shipping

C. Azure Migrate
D. HANA database export and import

Answer: D

Explanation:

Question: 212

You have an on-premises SAP NetWeaver application server and SAP HANA database deployment.
You plan to migrate the on-premises deployment to Azure.
You provision new Azure virtual machines to host the application server and database roles.
You need to initiate SAP Database Migration Option (DMO) with System Move.
On which server should you start Software Update Manager (SUM)?

A. the virtual machine that will host the application server
B. the on-premises application server
C. the on-premises database server
D. the virtual machine that will host the database

Answer: B

Explanation:

Question: 213

You have an Azure subscription that contains an Azure Monitor for SAP solutions resource and a virtual machine named VM1. VM1 runs SUSE Enterprise Linux (SLES) and hosts an SAP NetWeaver application server.
You need to monitor the CPU, memory, and network usage of VM1 by using the Azure Monitor for SAP solutions resource.
What should you do first?

A. From the Azure portal, add the Azure Monitor for SAP solutions OS (Linux) provider.
B. From the Azure portal, add the Azure Monitor for SAP solutions NetWeaver provider.
C. On VM1, install the Telegraf agent.
D. On VM1, install the Prometheus node exporter.

Answer: C

Explanation:

Question: 214

You have an Azure subscription and an Enterprise Agreement (EA).
You plan to deploy an SAP on Azure production landscape that will contain the following virtual machines:

- One M-series virtual machine with 128 cores
- 15 E-series virtual machines with a total of 300 cores
- 10 D-series virtual machines with a total of 160 cores

During the deployment of the E-series virtual machines, you receive the following error message.

Operation results in exceeding quota limits of Core.

You need to ensure you can complete the E-series virtual machine deployment. The solution must meet the following requirements:

- Maintain the performance of the SAP landscape.
- Minimize administrative effort.
- Minimize costs.

What should you do?

A. Convert the subscription to Pay-As-You-Go (PAYG).
B. Create a second subscription and split the virtual machines evenly between both subscriptions.
C. Resize the D-series and E-series virtual machines.
D. Request a quota increase for the Azure region.

Answer: D

Explanation:

Question: 215

You are designing an SAP HANA deployment.

You estimate that the database will be 1.8 TB in three years.

You need to ensure that the deployment supports 60,000 IOPS. The solution must minimize costs and provide the lowest latency possible.

Which type of disk should you use?

A. Standard HDD
B. Premium SSD

C. Ultra disk

D. Standard SSD

Answer: C

Explanation:

Question: 216

HOTSPOT

You plan to deploy two SAP NetWeaver landscapes named Production1 and Production2 to Azure. Production! will contain an SAP NetWeaver central services (ASCS/SCS) instance hosted on a Windows failover cluster. Production2 will contain an SAP ASCS/SCS instance hosted on a Linux Pacemaker cluster.

You need to recommend a shared storage solution for each landscape. The solutions must meet the following requirements:

- Minimize administrative effort.
- Minimize costs.

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

Answer Area

Productions A shared disk

A shared disk

[1] An Azure Files share

An Azure NetApp Files share | A Scale-out File Server file share

Production?: An Azure NetApp Files share

A shared disk

An Azure Files share

An Azure NetApp Files share | A Scale-Out File Server file share

Answer:

Explanation:

Answer Area

Production2:

Production!: A shared disk

An Azure NetApp Files share

Question: 217

HOTSPOT

You have an Azure virtual machine named VM1 that hosts an SAP application server.

You need to implement snoozing for VM1. The solution must meet the following requirements:

- Minimize compute costs for VM1.
- Gracefully terminate the SAP application.

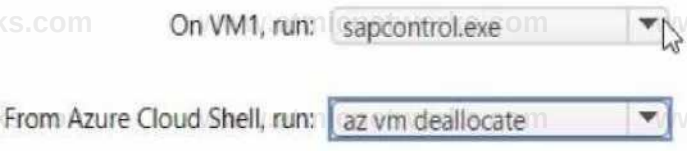
What should you do? To answer, select the appropriate options in the answer are
a. NOTE: Each correct selection is worth one point.

Answer Area

Answer:

Explanation:

Answer Area



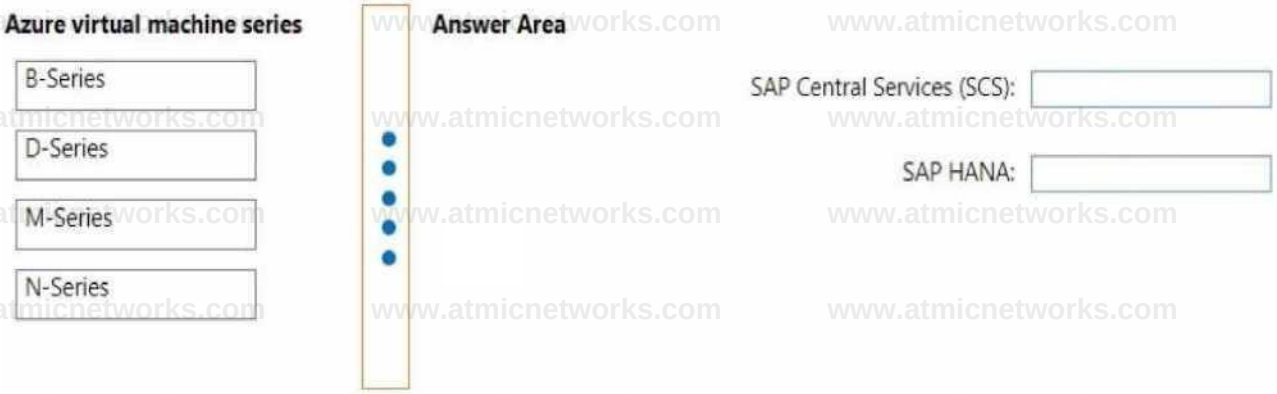
Question: 218

DRAG DROP

You need to deploy an SAP production landscape on Azure. The solution must be supported by the SAP production landscape and must minimize costs.

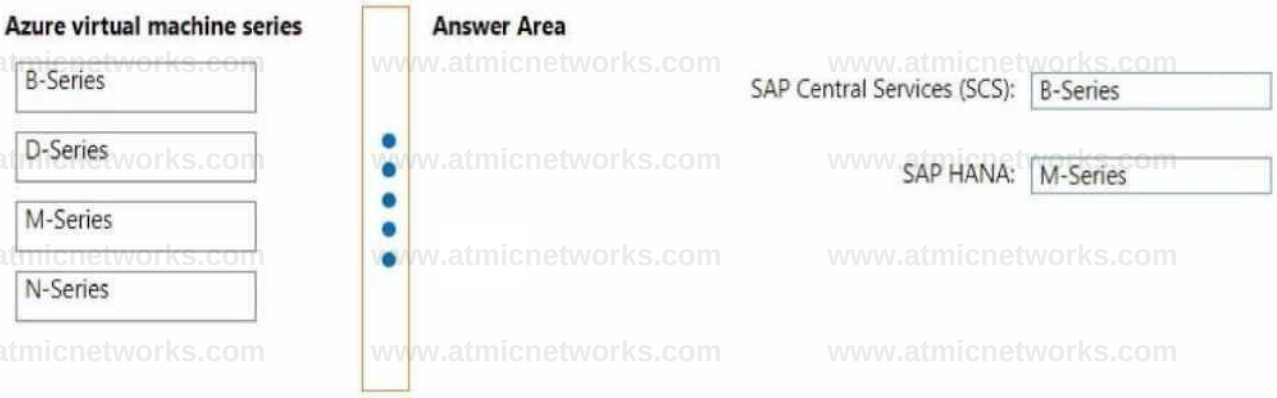
Which Azure virtual machine series should you use for each SAP workload? To answer, drag the

appropriate series to the correct workloads. Each series 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.



Answer:

Explanation:



Question: 219

DRAG DROP

You plan to deploy an SAP production landscape on Azure. The landscape will use SAP HANA databases that run on Azure virtual machines.
Each HANA virtual machine will contain the following three premium data disks:

- Shared
- Data
- Log

You need to configure caching on the data disks. The solution must meet the following requirements:

- Maximize data throughput.
- Minimize potential data loss.

Which caching configuration should you use for each disk? To answer, drag the appropriate caching configurations to the correct disks. Each caching configuration 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.

Caching configurations

I No Caching

Read cache

Write Accelerator

Answer Area

/hana/data:

/hana/log:

/hana/shared:

Explanation:

Caching

Answer Area

/hana/data: No Caching

/hana/log: Write Accelerator

/hana/shared: Read cache

Question: 220

HOTSPOT

You plan to deploy a highly available SAP NetWeaver system to Azure virtual machines on SUSE Linux Enterprise Server (SLES) for SAP Applications.

You need to configure a load balancer that will be deployed in front of the ABAP Central Services (ASCS) tier.

The solution must minimize the number of required load balancing rules.

What should you configure? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Load balancer type: Azure Standard Load Balancer Azure Application Gateway v2 Azure Basic Load Balancer

Azure Standard Load Balancer

Load balancer configuration: Set Session persistence to Client IP and protocol Select HA ports

Set Create implicit outbound rules to Yes

Set Floating IP to Disabled

Set Session persistence to Client IP and protocol

Answer:

Explanation:

Answer Area

Load balancer type: Azure Standard Load Balancer ^

Load balancer configuration: Set Session persistence to Client I? and protocol

Question: 221

You have an SAP on Azure landscape.

You configure SAP Central Services (SCS) to write logs to Windows Event Viewer.

You need to collect the logs in Azure Monitor by using a Data Collection Rule (DCR). The solution must prevent the logs from being sent via the internet.

Which two resources should you configure? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

A. a Log Analytics agent
B. a service endpoint
C. a user-defined route
D. a private link scope
E. a data collection endpoint

Answer: A, E

Question: 222

HOTSPOT

You need to implement a deployment of SAP NetWeaver on Azure. The deployment will be hosted on Esv3 virtual machines that run on dedicated hosts. The hosts will be deployed to different availability zones in a single Azure region. The solution must meet the following requirements:

- Ensure maximum availability of the dedicated hosts.
- Minimize network latency for database writes when the virtual machines run on hosts in different availability zones.

What should you use for each requirement? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Ensure maximum availability of the dedicated hosts: Different proximity placement groups

A single availability set
Different fault domains
Different proximity placement groups

Minimize network latency for database writes when the virtual machines run on hosts in different availability zones: Accelerated Networking

Accelerated Networking
ExpressRoute Direct
Write Accelerator

Answer:

Explanation:

Answer Area

Ensure maximum availability of the dedicated hosts: Different proximity placement groups

Minimize network latency for database writes when the .
virtual machines run on hosts in different availability zones: cceer3t -r"J ,ng

Question: 223

You have an existing SAP landscape on Azure. All SAP virtual machines are on the same virtual network. The SAP application servers, SAP management servers, and SAP database servers are each on their own subnet

You need to ensure that only the application and management servers can access the subnet to which the database servers connect

What should you configure?

A. Azure Key Vault secrets
B. Azure Application Gateway and firewall rules
C. network security groups (NSGs)
D. Azure AD service principals

Answer: B

Question: 224

You have an SAP production landscape in Azure.

Users access the landscape from the internet by using Azure Application Gateway.

You need to analyze the network traffic of the landscape by using Azure Network Watcher traffic analytics.

What should you configure?

A. network security group (NSG) flow logs
B. Network Manager
C. Connection Monitor
D. Diagnostic settings in Application Gateway

Answer: A

Question: 225

You plan to deploy an SAP production landscape in Azure.

You need to recommend a solution to automate the deployment. The solution must meet the following requirements:

- Follow Microsoft best practices.
- Support the use of Ansible customizations.

- Include both infrastructure and operating system configurations.

What should you include in the recommendation?

A. SAP Landscape Management (LaMa)
B. SAP on Azure Deployment Automation Framework
C. Azure DevOps Starter
D. Azure Center for SAP solutions

Answer: B

Question: 226

You have an Azure subscription. The subscription contains a virtual machine named VM1 that runs SUSE Linux Enterprise Server (SLES) and was created by using an Azure Marketplace image.
You plan to deploy four virtual machines based on VM1 that will have the SAP Web Dispatcher role.
You need to create a generalized image of VM1.
What should you do first?

A. Install the Custom Script Extension.
B. Run sysprep.
C. Install the Azure Linux VM agent.
D. Run waagent,

Answer: D

Question: 227

You have an SAP on Azure deployment that contains a production landscape, a development landscape, and a quality assurance landscape. All the landscapes are hosted on Azure virtual machines.
You need to create a monthly report that identifies opportunities for performance and security optimization. The solution must minimize administrative effort What should you use?

A. Azure Monitor
B. SAP HANA hardware and cloud measurement tools
C. SAP GUI
D. Azure Advisor

Answer: D

Question: 228

You have two Azure virtual machines named VM1 and VM2. VM1 hosts a single database container (SDC) for SAP HANA instance named sdl. VM2 hosts an SDC HANA instance named sd2. Azure Backup is enabled for the HANA databases on VM1 and VM2.
You need to restore sd1 to sd2 and overwrite the database instance on VM2.

What should you do first in the Azure portal?

A. Rename the SystemDB database of sd2.
B. From Restore Configuration, set Restored DB Name to sd1 (sdc).
C. From Restore Configuration, set Restored DB Name to sd2(sdc).
D. Upgrade sd2 to Multiple Database Container (MDQ.

Answer: B

Question: 229

DRAG DROP

You have two Azure subscriptions as shown in the following table.

Name	Description
Sub1	Production subscription assigned to a management group named MG1
Sub?	Development subscription assigned to a management group named MG2.

You plan to configure the following Azure policies:

- Policy 1: Enforces resource tags to every resource in both subscriptions.
- Policy2: Enables Microsoft Defender for Servers for all existing and future production workloads.

You need to identify the scope level to assign each policy. The solution must minimize administrative effort.

At which scope level should you assign each policy? To answer, drag the appropriate scope levels to the correct policies. Each scope level 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.

Answer:

Explanation:

Question: 230

HOTSPOT

You have an Azure subscription. The subscription contains two virtual machines named SQL1 and SQL2 that host a Microsoft SQL Server 2019 Always On availability group named AOG1.

You plan to deploy an SAP NetWeaver system that will have a database tier hosted on AOG1.

You need to encrypt the Azure virtual machine disks and the SQL Server database. The solution must meet the following requirements:

- The operating system disk, data disk, and the temporary disk of the virtual machines must be encrypted.
- SQL Server encryption keys must be stored on-premises.

Which type of encryption should you use? To answer, select the appropriate options in the answer are a. NOTE: Each correct selection is worth one point.

Answer Area

For the virtual machine disks: Azure Disk Encryption

Encryption at host
Encryption at rest

For the SQL Server database: Always Encrypted

Always Encrypted with secure enclaves
Transparent Data Encryption (TDE)

Answer:

Explanation:

Answer Area

For the virtual machine disks Azure Disk Encryption

For the SQL Server database: Always Encrypted

Question: 231

You have an on-premises SAP landscape and a hybrid Microsoft Entra tenant. You plan to enable Microsoft Entra authentication for SAP NetWeaver. What should you configure first in Microsoft Entra ID?

A. a service principal
B. a user flow
C. a Microsoft Entra Application Proxy
D. a conditional access policy

Answer: C

Explanation:

Question: 232

You have highly available deployment of SAP NetWeaver on Azure that uses a third-party solution for clustering ABAP SAP Central Services (ASCS) components.
You need to recommend a solution to reduce the cost of shared storage for the components.
What should you include in the recommendation?

A. Azure NetApp Files
B. Azure shared disks
C. Azure Data Share
D. Storage Spaces Direct

Answer: A

Explanation:

Question: 233

Your on-premises network contains a Microsoft SQL server named DCSQL1.
You have an Azure subscription that contains an SAP production landscape and a SQL server named AZSQL1.
The SAP landscape uses DCSQLl and AZSQL1. The on-premises network is connected to Azure by using ExpressRoute.
You need to monitor network latency between A2SQL1 and DCSQL1 by using Connection Monitor. What should you install on AZSQL1?

A. the Azure Diagnostics extension
B. the Log Analytics agent
C. the Azure VM extension for SAP solutions
D. the Network Watcher extension

Answer: D

Explanation:

Question: 234

DRAG DROP
You have an SAP on Azure landscape that contains a virtual machine named VM1. VM1 hosts an SAP HANA database. You need to back up the database. The solution must meet the following requirements:

- Maintain six copies of each backup.
- Store the copies in two datacenters in the same geographical region.
- Minimize costs.

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

Actions **Answer ATM**

Configure a recovery plan.

:; Set Storage replication type to locally redundant

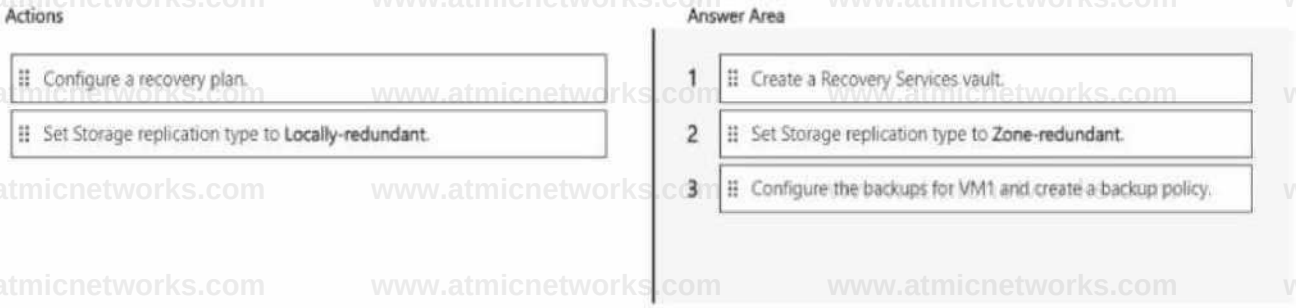
Create a Recovery Services vault.

8 Set Storage replication type to Zone-redundant

is Configure the backups for VM1 and create a backup policy.

Answer:

Explanation:



Question: 235

You have a Hyper-V virtual machine named VM1 that runs Windows Server 2019.

You plan to deploy 10 Azure virtual machines based on VM1. The virtual machines will host instances of SAP NetWeaver.

You need to create an image of VM1 for the deployment.

What should you do first?

A. Configure Azure Site Recovery.
B. Join VM1 to an Active Directory Domain Services (AD DS) domain.
C. Upload the VHDX of VM1 to an Azure Storage account.
D. Run the Sysprep utility.

Answer: A

Explanation:

Question: 236

Your on-premises network is connected to an SAP HANA deployment in the East US Azure region.

The deployment uses the Standard SKU of an ExpressRoute gateway.

You need to implement ExpressRoute FastPath. The solution must meet the following requirements:

- Hybrid connectivity must be maintained if a single datacenter fails in the East US region.
- Hybnd connectivity costs must be minimized.

Which ExpressRoute gateway SKU should you use?

A. ErGwIAz
B. High Performance
C. Ultra Performance
D. ErGw3Az

Answer: D

Explanation:

Question: 237

You are deploying an SAP production landscape on Azure.

You deploy virtual machines that have SAP Digital Boardroom and SAP HANA installed. You need to measure network latency between the virtual machines. What should you use?

A. SockPerf
B. Connection Monitor in Azure Network Watcher
C. Iometer
D. Network Performance Monitor

Answer: B

Explanation:

Question: 238

You are deploying SAP on Azure. The database server will use SAP HAN
A. The application servers will run Windows Server. You need to test network latency and throughput between the frontend SAP servers and the database servers. Which three tools can you use to achieve the goal? Each correct answer presents a complete solution.
NOTE: Each correct selection is worth one point.
A. SockPerf
B. HCMT
C. NIPING
D. latte.exe
E. lOMeter

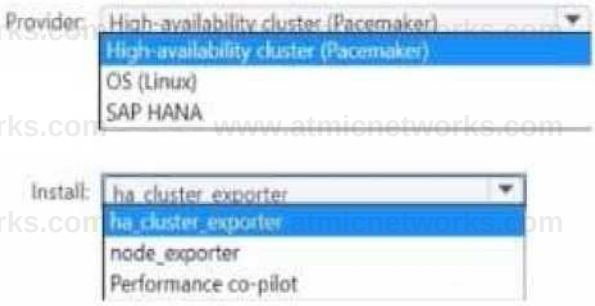
Answer: A, B, C

Explanation:

Question: 239

HOTSPOT
You have a SUSE Linux Enterprise Server (SLES) duster that runs SAP HANA.
You plan to use Azure Monitor for SAP Solutions to collect STONITH block device (SBD) metrics from the cluster.
Which provider should you use. and what should you install on each cluster node? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area



Answer:

Explanation:

Answer Area

Provider High availability duster (Pacemaker)

Install ha duster exports'

Question: 240

HOTSPOT

You plan to deploy an Azure virtual machine that will host an SAP HANA database.

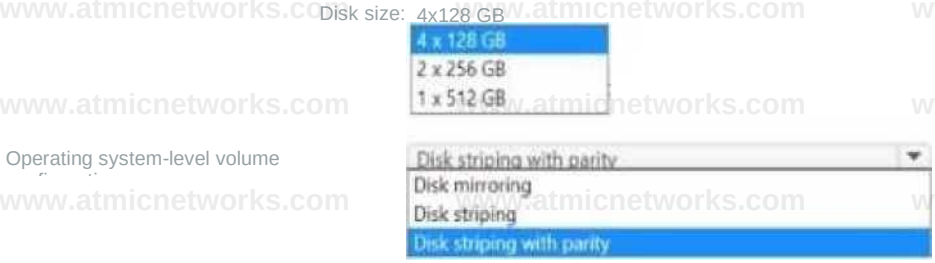
You need to provide a 512-GB volume for the database. The volume must meet the following requirements:

- Provide storage resiliency.
- Provide maximum throughput.
- Maximize disk space usage without affecting storage resiliency.

What should you configure? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area



Answer:

Explanation:

Answer Are*

Disk «« 4 x 128 GO ᵀ

Operating system-tael volume configuration Disk striping with parity

Question: 241

DRAG DROP

You have a single-instance SAP NetWeaver deployment hosted on Azure virtual machines that run Windows Server 2022.

You plan to implement Azure Monitor for SAP Solutions to monitor the application tier.

You need to ensure that Azure Monitor (or SAP Solutions can access the SAPControl web service methods on the application tier. The solution must minimize application downtime.

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** ATM

H from the Azure portal restart the virtual machines that host the application tier

:: From the SAP GUI. execute transaction $106

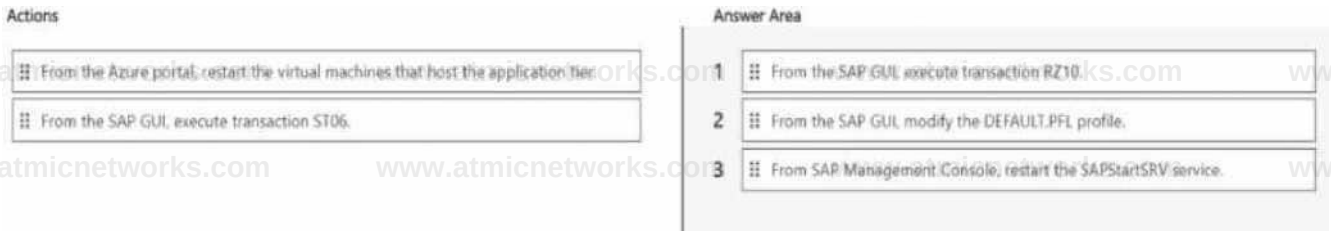
I front the SAP GUI execute transaction RZW

;: From the SAP GUI. modify the Di FAULT PF I profile.

I :: from SAP Management Console restart the SAPStartSRV service-

Answer:

Explanation:



Question: 242

HOTSPOT

You have an Azure subscription.

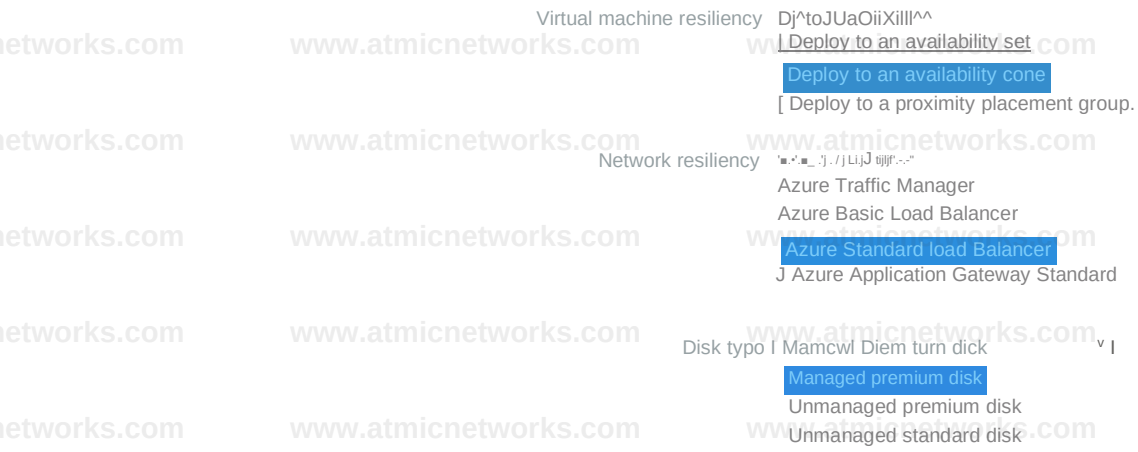
You plan to deploy an SAP landscape.

You need to configure an NFS cluster that will host the storage for the landscape. The solution must ensure that the cluster is available if an Azure datacenter fails.

How should you configure the cluster? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area



Answer:

Explanation:

Answer Area

Question: 243

You ate planning an SAP on Azure deployment.

You need to recommend a storage access solution that meets the following requirements;

- Provides a common file share that will be accessed by virtual machines that run either Red Hat Enterprise Linux (RHEL) or Windows Server 2022.
- Ensures that each virtual machine uses its native sharing protocol to access the common file share.

Which type of storage should you include in the recommendation?

A. a standard storage account file share
B. Azure NetApp Files in dual protocol mode
C. a premium storage account file share
D. Azure NetApp Files in NFSv4.1 mode

Answer: B

Explanation:

Question: 244

You have an Azure subscription.

You plan to deploy a virtual machine named VMt that will have the following configurations:

- Data disk size: 4 TB
- Generation: Generation 2
- Data disk type: Ultra disk
- Data disk encryption type: Double encryption

VM1 will host the SAP global transport directory in a volume on the data disk. You need to ensure that you can replicate VM1 by using Azure Site Recovery. Which configuration should you change?

A. generation
B. data disk type
C. data disk size
D. data disk encryption type

Answer: B

Explanation:

Question: 245

You have an SAP production landscape in Azure. The landscape contains a two-node SAP HANA cluster that has HANA system replication configured.

You need to configure Azure Backup for the SAP databases. The solution must ensure that the databases will be backed up if a node fails over.

What should you do first?

A. Configure a private endpoint.
B. Create a new user on each node.
C. Run the preregistration script.
D. Configure a backup policy.

Answer: C

Explanation:

Question: 246

You have an SAP workload on an Azure virtual machine.

You have a built-in role-based access control (RBAC) role definition in the JSON format.

You plan to change the built-in role definition to a custom role definition.

Which property value in the built-in role definition must you change?

A. assignableScopes
B. notActions
C. roleHoae
D. actions

Answer: C

Explanation:

Question: 247

HOTSPOT

Your network contains an on-premises SAP landscape. The landscape contains a database server named DB1.

You have an Azure subscription that contains a storage account named storageaccount1.

You export multiple databases to separate folders in a folder named D:\Data on DB1.

You plan to migrate the on-premises SAP landscape to Azure.

You need to copy the exported databases on DB1 to a container in storageaccount1 by using AzCopy. How should you complete the command? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

azcopy Copy ᵀ "D:\data' 'https://storageaccountl.blob.core.windows.net/uploadeddata'

Bench

Copy

Load

Sync

Answer:

Explanation:

Answer Area

azcopy Copy | D.'.data 'https.,/storageaccountl.blob.core.windows.net/uploadeddata' recursive

Question: 248

HOTSPOT

You have an Azure subscription named Sub! that contains a Microsoft Sentinel workspace named Workspaces

You have an SAP RISE managed workload that is integrated with Sub1.

You plan to deploy the Microsoft Sentinel solution for SAP applications and use automated attack disruption in Microsoft Defender XDR.

You need to ensure that the SAP connector can access Workspace1 and the managed workload. The solution must follow the principle of least privilege.

Which roles should you assign to the managed workload and the connector for Workspace1? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Workspace! Microsoft Sentinel Reader and Microsoft Sentinel Responder

Contributor and Microsoft Sentine: Automation Contributor

Microsoft Sentinel Reader and Microsoft Sentinel Responder

Reader and Microsoft Sentinel Business Applications Agent Operator

Managed workload. /MSFTSEN/SENTINEL CONNECTOR

/MSFTSEN/SENTINEL AGENT BASIC /MSFTSEN/SENTINEL CONNECTOR

/MSFTSEN/SENTINEL_RESPONDER

Answer:

Explanation:

Answer Area

Workspace!: Microsoft Sentinel Reader and Microsoft Sentinel Responder

Managed workload: /MSFTSEN/SENTINEL CONNECTOR

Question: 249

You have an on-premises network and an Azure subscription.

You plan to migrate on premises SAP workloads to Azure virtual machines. You will use an NFS account in Azure NetApp Files as the storage platform.

You need to ensure that data transferred between the NFS account on the virtual machines and the Azure NetApp Files shares is encrypted.

What should you create first?

A. an Active Directory connection for the NFS account
B. a system-assigned managed identity in the NFS account
C. a user-assigned managed identity in the Azure subscription
D. an Azure key vault in the Azure subscription

Answer: D

Explanation:

Question: 250

HOTSPOT

You have an on-premises SAP landscape that contains an SAP HANA database.

You plan to migrate the SAP landscape to Azure.

You need to recommend a migration tool that meets the following requirements:

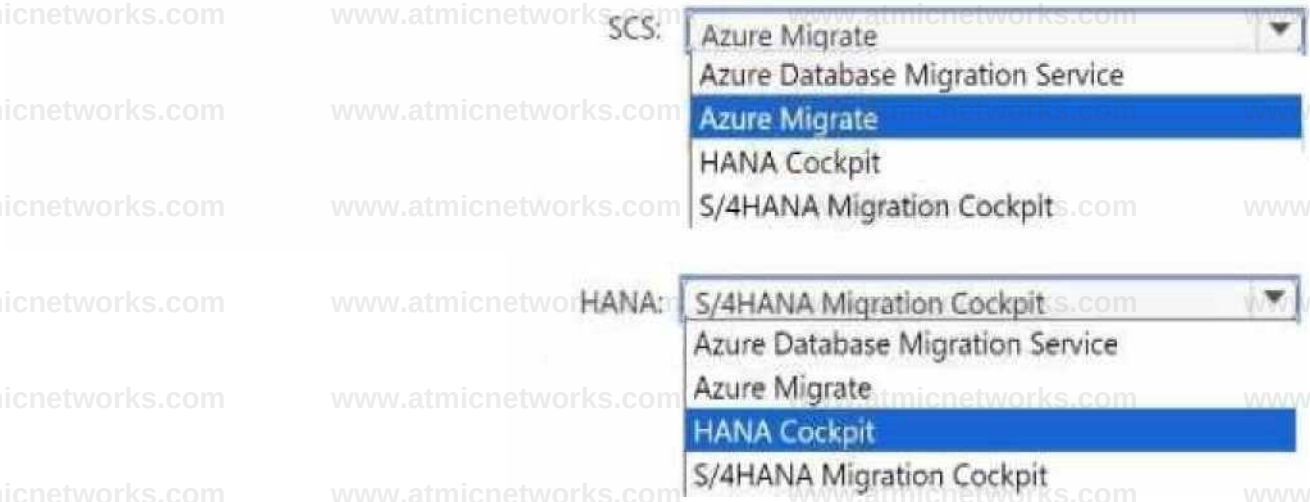
- Minimizes downtime during the migration
- Migrates the HANA database servers to Azure virtual machines

Which tool should you use to migrate SAP Central Services (SCSJ and HANA? To answer, select the

appropriate options in the answer area.

NOTE; Each correct selection is worth one point.

Answer Area



Answer:

Explanation:

Answer Area

SCS; Azure Migrate

HANA: S/4HANA Migration Cockpit

Question: 251

You have an Azure subscription named Sub1 that contains a Microsoft Sentinel workspace named Workspace1.

You have an SAP RISE managed workload that is integrated with Sub1.

You implement the Microsoft Sentinel solution for SAP applications in Workspace1.

You need to deploy the Microsoft Sentinel for SAP connector for Workspace1 by using the Azure portal.

What should you provision first?

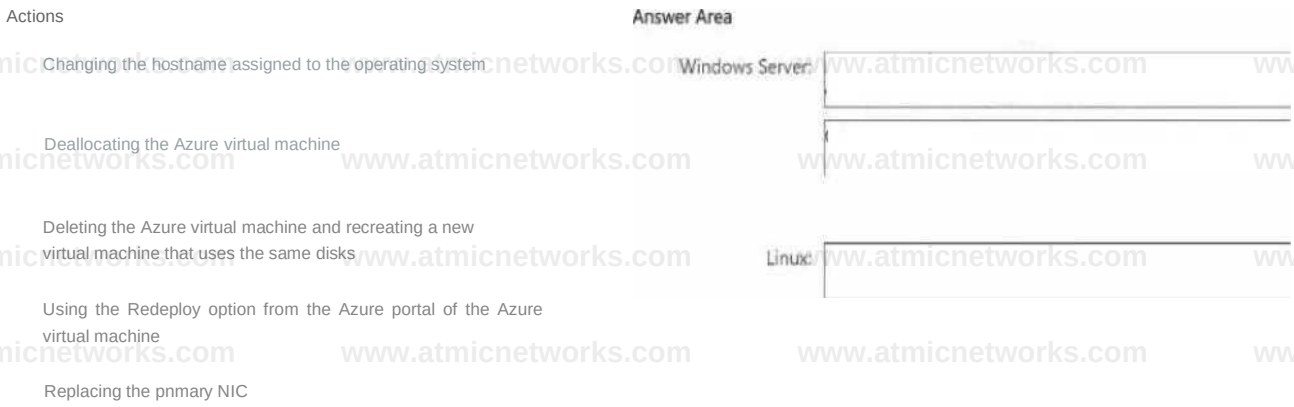
A. an Azure virtual machine that runs Windows
B. an Azure Kubernetes Service (AKS) cluster
C. an Azure logic app
D. an Azure virtual machine that runs Linux

Answer: D

Explanation:

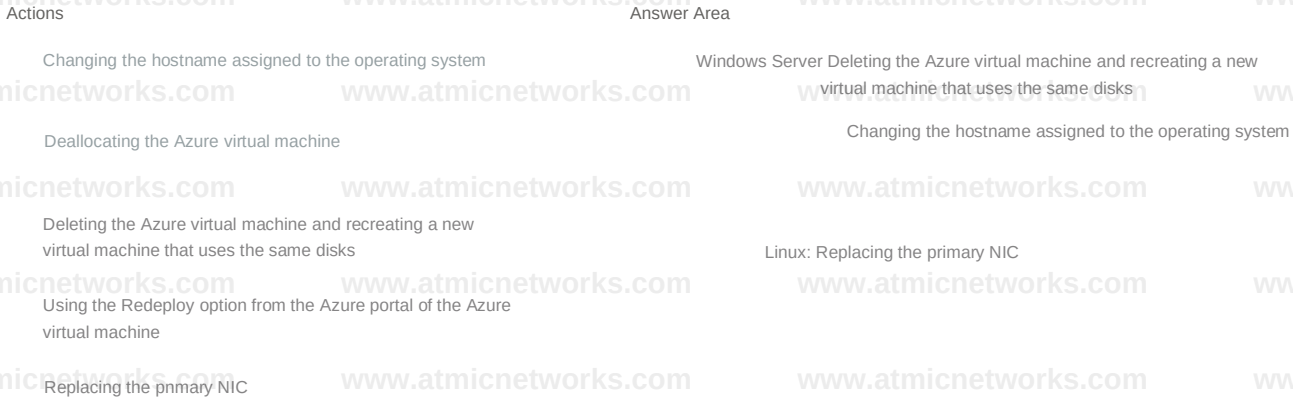
Question: 252

DRAG DROP
You have an on-premises SAP NetWeaver-based ABAP deployment hosted on servers that run Windows Server or Linux.
You plan to migrate the deployment to Azure.
What will invalidate the existing NetWeaver ABAP licenses for each operating system once the servers are migrated to Azure? To answer, drag the appropriate actions to the correct operating systems. Each action 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.



Answer

Explanation:



Question: 253

You have an SAP production landscape in Azure.
You plan to migrate the landscape to an SAP RISE managed workload.

Which task will be the sole responsibility of the SAP vendor after the migration?

A. configuring security monitoring in Microsoft Sentinel
B. sizing the Azure resources that host the landscape
C. implementing single sign-on (SSO)
D. configuring virtual network peering

Answer: B

Explanation:

Question: 254

HOTSPOT

You have an on-premises datacenter.

You have an Azure subscription named Sub1 that contains a virtual network named VNet1.

The datacenter is connected to VNet1 by using an ExpressRoute circuit.

You have an SAP RISE managed workload.

You need to integrate Sub1 with the managed workload. The solution must meet the following requirements:

- Minimize latency between the managed workload and the datacenter.
- Restrict the network ports that can be used between the managed workload and VNet1.
- Minimize costs.

What should you use to connect VNet1 and the managed workload, and what should you use to secure the connection?

To answer, select the appropriate options in the answer area.

Answer Area

Connect VNetl and the managed workload: Virtual network peering
ExpressRoute FastPath
Virtual network peering
A virtual network-to-virtual network VPN

Secure the connection: A network security group (NSG)
Azure Firewall
Azure Virtual WAN Hub
A network security group (NSG)

Answer:

Explanation:

Answer Area

Connect VNetl and the managed workload: Virtual network peering

Secure the connection A network security group (NSG)

Question: 255

HOTSPOT

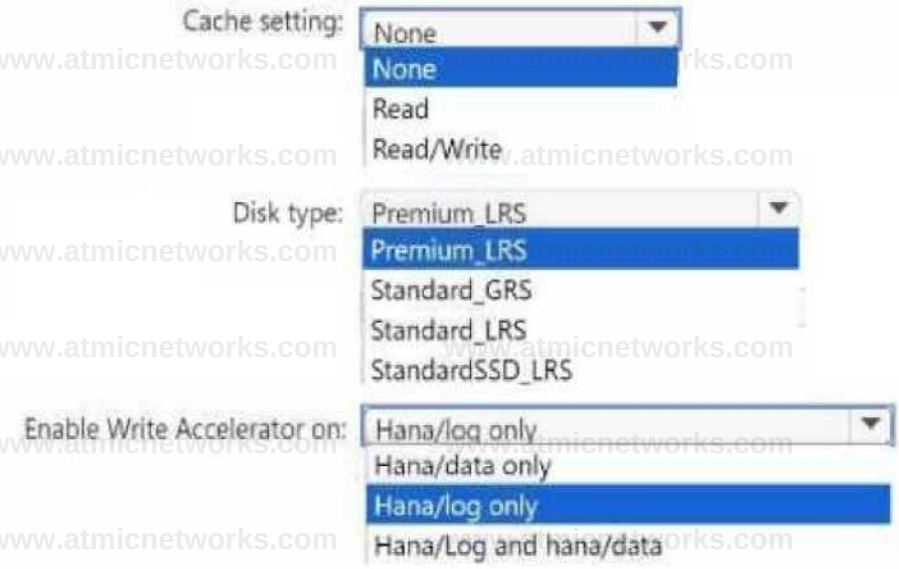
You plan to deploy SAP HANA to an Azure virtual machine for a production landscape.

You need to stripe multiple disks together by using the HANA indexserver.

How should you configure the Azure disks? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area



Answer:

Explanation:

Answer Area

Cache setting: None

Disk type: Premium_LRS

Enable Write Accelerator on: Hana/log only

Question: 256

HOTSPOT

You have an Azure subscription.

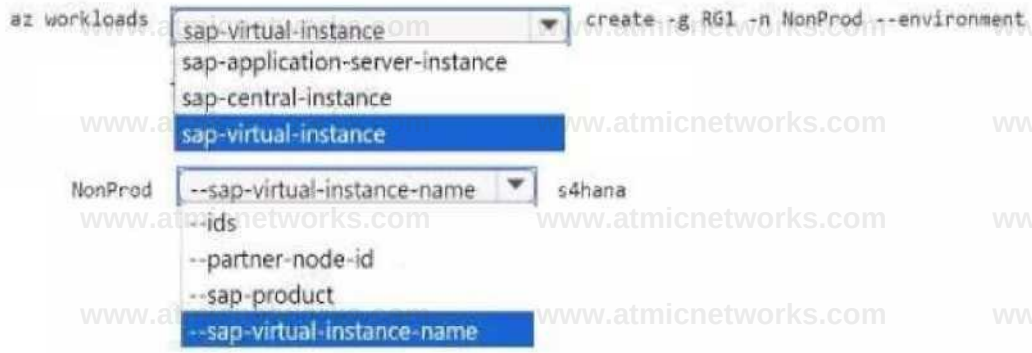
You plan to deploy a QA landscape to SAP on Azure by using Azure Center for SAP solutions.

You need to use the Azure command-line interface (CLI) to deploy the landscape.

How should you complete the command? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area



Answer:

Explanation:

Answer Area

a: workloads sap-virtual instance ’ create -g RG1 -n NonProd --environment

HonProd —sap-virtual-instance-name * sdhana

Question: 257

HOTSPOT

You have an Azure subscription.

You need to deploy an instance of SAP HANA that will use Azure NetApp Files to host dat

a. The solution must use proximity placement groups.

Which protocol and feature should you configure for the deployment? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Answer Area

Protocol: [^Sv^ - I

NFSv3

NFSv4.1

SMB

Feature [An application volume qroup

Access based enumeration

An application volume group

Continuous availability

A customer managed key

Answer:

Explanation:

Answer Area

Protocol NFSv4.1

Feature: An application volume qroup

Question: 258

HOTSPOT

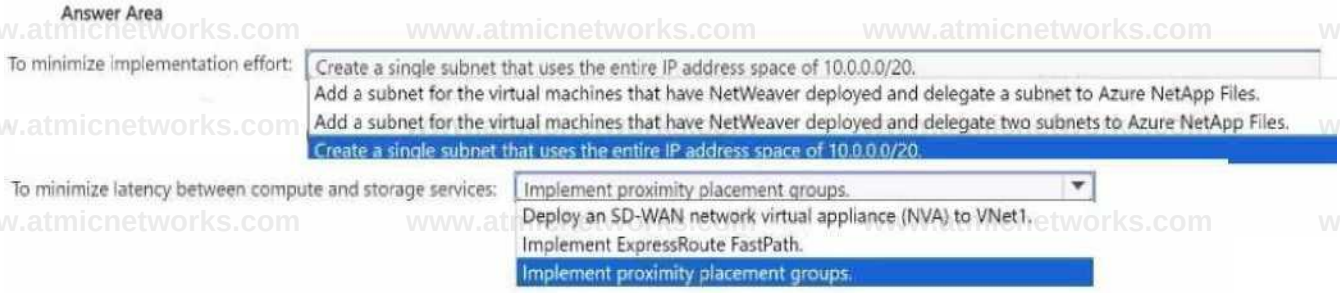
You have an Azure subscription that contains a virtual network named VNet1.

You plan to deploy SAP NetWeaver to VNet1 and use Azure NetApp Files for storage.

You need to recommend a network configuration for VNet1. The solution must use an IP address space of 10.0.0.0/20 and meet the following requirements:

- Fully support SAP.
- Minimize implementation effort.
- Minimize latency between compute and storage services.

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



Answer

Explanation:

Answer Area

To minimize Implementation effort Create a single subnet that uses the entire IP address space of 10.0.0.0/20.

To minimize latency between compute and storage services: Implement proximity placement groups

Question: 259

HOTSPOT

You have an Azure subscription.

You plan to deploy an SAP landscape by using Azure Center for SAP solutions.

You need to use custom virtual machine images for the deployment.

To what should you set Security type for the virtual machines, and where should you store the custom images? To answer, select the appropriate options in the answer area, NOTE: Each correct selection is worth one point.

Answer Area

Security type Trusted launch virtual machine
Confidential virtual machine Standard
Trusted launch virtual machine

Store in: Azure Compute Gallery
Azure Blob Storage
Azure Compute Gallery
Azure Marketplace

Answer:

Explanation:

Answer Area

Security type Trusted launch virtual machine

Store in Azure Compute Gallery

Question: 260

DRAG DROP

You have an SAP production landscape in Azure.

You need to recommend a disaster recovery solution that will enable failover between two Azure regions. The solution must provide the lowest recovery time objective (RTO) for a Microsoft SQL Server instance and SAP Central Services (SCS).

What should you include in the recommendation? To answer, drag the appropriate recommendations to the correct workloads. Each recommendation 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.

Recommendations

Azure Backup

:: Azure File Sync

;: Azure Site Recovery

;; Microsoft SQL Data Sync

:: Microsoft SQL Always On

Answer Area

For the SQL Server instance:

For SAP Central Services.

Answer:

Explanation:

Recommendations

:: Azure Backup

:: Azure File Sync

:: Azure Site Recovery

:: Microsoft SQL Data Sync

:: Microsoft SQL Always On

Answer Area

For the SQL Server instance: Microsoft SQL Always On

For SAP Central Services: Azure Site Recovery

Question: 261

HOTSPOT

You have an Azure subscription that contains the virtual machines shown in the following table.

Name	Availability zone
VM1	1
VM2	1
VM3	
VM4	
VM5	3
VM6	3

You need to deploy a highly available, three-tier SAP NetWeaver landscape that will use an Oracle database.

What should you use to ensure redundancy for the application tier and the database tier? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Application tier | Zone-redundant storaqe (ZRS) replication in Azure
Azure shared disks
Robocopy

Zone-redundant storage (ZRS) replication in Azure

Database tier. [Oracle Data Guard ”1
Azure shared disks
Oracle Data Guard = 1
Oracle Real Application Cluster (RAC)

Answer:

Explanation:

Answer Area

Application tier Zone-redundant storaqe (ZRS) replication in Azure

Database tier Oracle Data Guard

Question: 262

HOTSPOT

You have an Azure subscription.

You plan to deploy a highly available SAP NetWeaver system to an Azure region that contains three availability zones. The system will be hosted in an Azure virtual machine scale set.

You need to recommend which type of deployment and which platformFaultDomainCount value to use. The solution must maximize the availability of the system.

What should you recommend? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Deployment type: r~----------:---------- ———; -------- ■--------: -------
| Zonal deployment with flexible orchestration
Regional deployment with flexible orchestration
Zonal deployment with flexible orchestration
Zonal deployment with uniform orchestration

platfor-mFaultDomainCount value: 1 *

1

2

3

Answer:

Explanation:

Answer Area

Deployment type: Zonal deployment with flexible orchestration

platfomFaultDomainCount value- 1 ^

Question: 263

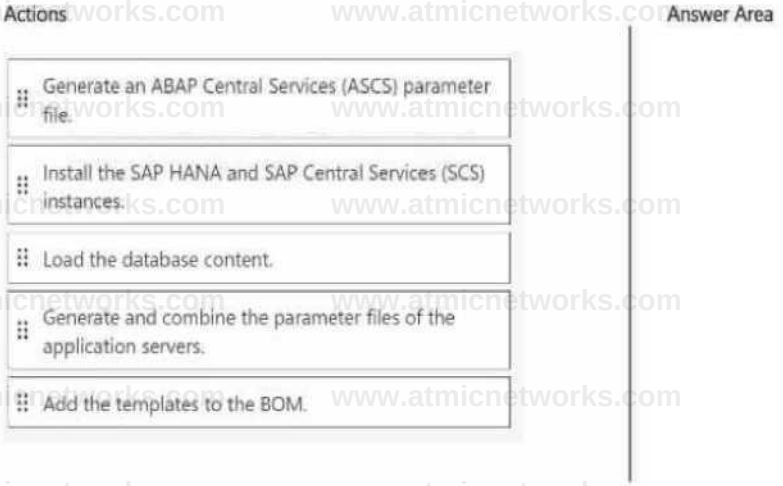
DRAG DROP

You have a bill of materials (BOM) that describes SAP deployments.

You plan to automate the implementation of an SAP S4/HANA deployment to Azure by using the SAP deployment automation framework on Azure.

You need to generate the SAP application templates for the planned implementation and update the BOM.

In which order should you perform the actions? To answer, move all actions from the list of actions to the answer area and arrange them in the correct order.



Answer

Explanation:

Actions	Answer Area	
	1	Generate an ABAP Central Services (ASCS) parameter file.
	2	Install the SAP HANA and SAP Central Services (SCSI instances.
	3	Load the database content
	4	Generate and combine the parameter files of the application servers.
	5	Add the templates to the BOM

Question: 264

You have an 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.

Whenever backups are copied to Azure Blob storage, the ExpressRoute circuit is saturated.

You need to resolve the issue without modifying the ExpressRoute circuit. The solution must minimize administrative effort.

What should you do?

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

Answer: A

Explanation:

Question: 265

You have a Hyper-V generation 2 virtual machine image that was prepared by running sysprep.exe.

You plan to use the image as part of an SAP application server deployment on Azure. You need to ensure that you can deploy the image as an Azure virtual machine. What should you do first?

A. Convert the virtual disk to a dynamically expanding disk.
B. Use Azure Storage Explorer to upload the VHDX file to a storage account.
C. Convert the VHDX disk image to a VHD disk image.
D. Run azcopy to upload the VHDX file to a managed disk.

Answer: C

Explanation:

Question: 266

DRAG DROP

You have two Azure virtual machines. The virtual machines host a highly available SAP HANA cluster that has HANA system replication configured.

You plan to configure Azure Backup to protect the replicated databases of the cluster.

You need to ensure that when a failover occurs. Azure Backup automatically uses the new primary node for backups.

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 Azure Backup, create a recovery plan.

:: On both nodes, create a custom HANA user

:: On both nodes, add a key to hdbuserstor*.

On both nodes, run the Azure Backup preregistration script.

From Azure Backup, select Start Discovery

Answer Area

Answer:

Explanation:

Actions	Answer Area
From Azure Backup, create a recovery plan.	1 :: On both nodes, create a custom HANA user.
	2 :: On both nodes add a key to hdbuserstore
	3 .. On both nodes run the Azure Backup preregistration " script
	4 :: From Azure Backup, select Start Discovery

Question: 267

You have an SAP on Azure production landscape that is hosted on Standard M-series virtual machines.

You plan to expand the storage on the virtual machines.

Which type of disk can be expanded without causing downtime?

A. Standard SSD
B. Premium SSD v2
C. Premium SSD v1
D. Ultra

Answer: A

Explanation:

Question: 268

You have an SAP NetWeaver deployment hosted on Azure virtual machines that run SUSE Linux Enterprise Server (SLES) and are configured as a Pacemaker cluster.

You need to monitor the deployment by using Azure Monitor for SAP Solutions.

What should you install first on the cluster nodes?

A. ha_duster_provider
B. Performance Co-Pilot
C. PMProxy
D. pcp-pmda-hacluster

Answer: A

Explanation:

Question: 269

You have an Azure subscription that contains a virtual machine named VM1. VM1 runs SUSE Linux Enterprise Server (SLES) and hosts an SAP workload.
You deploy Azure Monitor for SAP solutions.
You need to configure the Linux OS provider. The solution must ensure that you can collect monitoring data by using the Prometheus endpoint on VM1.
Which firewall port should you open on VM1?

A. 22
B. 80
C. 443
D. 9100

Answer: D

Explanation:

Question: 270

You have two Azure virtual machines that host a Microsoft SQL Server 2019 failover cluster instance (FCI) named FCI1. FCI1 hosts the database tier of an SAP NetWeaver system. The application tier connects to FCI1 by using a virtual network name (VNN) of fci1.contoso.com. Name resolution is provided by an Azure Private DNS zone.
On FCI1, you implement a distributed network name (DNN) of FCI1DNN and verify that you can connect to fci1dnn.contoso.com.
You need to ensure that the application tier can use the DNN when connecting to FCI1.
What should you do first?

A. From SQL Server Configuration Manager on FCI1, create an alias in the SQL Server Native Client Configuration.
B. In the private DNS zone, create an A record.
C. From SQL Server Configuration Manager on FCI1, enable shared memory for the SQL Server Native Client Configuration.
D. In the private DNS zone, create a CNAME record.

Answer: D

Explanation:

Question: 271

You have an Azure subscription.
You plan to deploy an SAP landscape that will store /sapmnt on an NFS Azure file share.
You need to recommend a backup solution for /sapmnt. The solution must meet the following requirements:

- Provide recoverability if the file share is deleted.
- Minimize administrative effort.

What should you include in the recommendation?

A. AzCopy
B. Azure Backup
C. fpsync
D. snapshots

Answer: D

Explanation:

Question: 272

HOTSPOT
You plan to deploy a highly available SAP development landscape in Azure.
You need to automate the deployment. The solution must meet the following requirements:

- Ensure that SAP services can be managed by using the Azure portal.
- Create a reproduceable deployment.
- Minimize administrative effort.

What should you use? To answer, select the appropriate options in the answer are
a. NOTE: Each correct selection is worth one point.

Answer Area

To create the deployment: SAP on Azure Deployment Automation Framework

Azure Center for SAP solutions
SAP Landscape Management (LaMa)

To perform the deployment: Terraform

PowerShell
Terraform

Answer:

Explanation:

Answer Area

To create the deployment: SAP on Azure Deployment Automation Framework

To perform the deployment. Terraform

Question: 273

HOTSPOT

You have an Azure subscription.

You plan to use Azure Center for SAP solutions to deploy a distributed highly available SAP system.

You need to use Azure Command-Line Interface (CLI) to deploy infrastructure for the SAP system. The infrastructure will use custom resource names.

Which command should you run, and which file format should you use for the custom resource names? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Command: az deployment

- az deployment
- az init
- az workloads

Format JSON

- CSV
- JSON
- YAML

Answer:

Explanation:

Answer Area

Command: az deployment

Format: JSON

Question: 274

You have an on-premises datacenter.

You have an Azure subscription that contains a virtual network named VNet1.

VNet1 uses forced tunneling to force all outbound traffic to the internet via the datacenter.

You deploy an SAP landscape to VNet1. The landscape uses virtual machines that run Red Hat Enterprise Linux (RHEL) and uses the pay-as-you-go rates.

You discover that the virtual machines fail to receive operating system updates.

You need to ensure that the virtual machines receive operating system updates.

What should you do?

A. Add user-defined routes (UDRs) to the route table.
B. Deploy Azure Update Manager.
C. Deploy an Azure firewall.
D. Configure an Azure DNS Private Resolver.

Answer: A

Explanation:

Question: 275

HOTSPOT

You plan to deploy an SAP landscape in Azure.

You need to configure storage for the virtual machines that will host SAP Digital Boardroom. The solution must meet the following requirements:

- Encrypt all data by using a key generated by Azure Key Vault Managed HSM.
- Support a single disk size of 50 TB and 65,000 IOPS.
- Minimize costs.

Which disk type and encryption method should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

v

Disk type: Ultra disk
Premium SSD
Premium SSD v2
Standard SSD
Ultra disk

Encryption method: Customer-managed key
Azure Disk Encryption
Customer-managed key
Encryption at host Platform-managed key

Answer:

Explanation:

Answer Area

Disk type: Ultra disk

Encryption method: Customer-managed key

Question: 276

HOTSPOT

You have an Azure subscription.

You plan to deploy an SAP production landscape in Azure that will use a Pacemaker cluster for SAP HANA system replication and an Azure fence agent

You need to recommend an authentication method and a HANA system replication load-balancing method for the Pacemaker cluster.

What should you recommend? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Authentication method: I A user -assigned managed identity | A system-assigned managed identity
A user -assigned managed identity
| A delegated Managed Service Account (dMSA)

Load-balancing method: Gateway Load Balancer ’
Azure Application Gate-way
Gateway Load Balancer
Azure Standard Load Balancer

Answer:

Explanation:

Answer Area

Authentication method: A user-assigned managed identity

Load balancing method: Gateway Load Balancer

Question: 277

HOTSPOT

You have an Azure subscription named Sub! that contains a Microsoft Sentinel workspace named Workspace1.

You have an SAP RISE managed workload that is integrated with Sub1.

You need to implement the Microsoft Sentinel solution for SAP applications in Workspace1. The solution must meet the following requirements:

- Generate an incident based on transaction codes when a sensitive SAP transaction is executed by an unauthorized user.
- When an incident is generated, send a notification to a designated Microsoft Teams channel.
- Minimize administrative effort.

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

Answer Area

To specify which transaction codes to track' A watchlist

- A bookmark
- A threat intelligence indicator
- **A watchlist**

To respond to unauthorized transactions: An automation rule

- **A livestieam**
- A workbook
- An automation rule

Answer:

Explanation:

Answer Area

To specify which transaction codes to track' A watchlist

To respond to unauthorized transactions: An automation rule

Question: 278

You have an Azure subscription. The subscription contains a virtual machine named Server1 that runs Windows Server and hosts SAP Central Services (SCS). To Server1. you deploy the new version of the

Azure VM Extension for SAP solutions. You need to validate whether the extension is collecting performance metrics. What should you do on Server1?

A. From Microsoft Edge, navigate to http://127.0.0.1:11812/azure4sap/metrics.
B. Run the Get-AzMetric cmdlet.
C. Run the Get-AzVMDiagnosticsExtension cmdlet.
D. From Microsoft Edge, navigate to http://169.254.169.254/metadata/instance?api-version=2021- 02-01.

Answer: A

Explanation:

Question: 279

Note: This section contains one or more sets of questions with the same scenario and problem. Each question presents a unique solution to the problem. You must determine whether the solution meets the stated goals. More than one solution in the set might solve the problem. It is also possible that none of the solutions in the set solve the problem.

After you answer a question in this section, you will NOT be able to return. As a result, these questions do not appear on the Review Screen.

You have an on-premises datacenter.

You have an Azure subscription that contains a virtual network named VNet1.

You have an SAP RISE managed workload.

You need to ensure transitive connectivity between the datacenter. VNet1, and the managed workload.

Solution: You configure a Site-to-Site (S2S) VPN connection between the datacenter and VNet1 and an S2S VPN connection between VNet1 and the managed workload.

Does this meet the goal?

A. Yes
B. NO

Answer: A

Explanation:

Question: 280

Note: This section contains one or more sets of questions with the same scenario and problem. Each question presents a unique solution to the problem. You must determine whether the solution meets the stated goals. More than one solution in the set might solve the problem. It is also possible that none of the solutions in the set solve the problem.

After you answer a question in this section, you will NOT be able to return. As a result, these questions do not appear on the Review Screen.

You have an on-premises datacenter.

You have an Azure subscription that contains a virtual network named VNet1.

You have an SAP RISE managed workload.

You need to ensure transitive connectivity between the datacenter. VNet1, and the managed workload.

Solution: You configure an ExpressRoute circuit between the datacenter and VNet1 and virtual network peering between VNet1 and the managed workload.

Does this meet the goal?

A. Yes

B. No

Answer: A

Explanation:

Question: 281

Note: This section contains one or more sets of questions with the same scenario and problem. Each question presents a unique solution to the problem. You must determine whether the solution meets the stated goals. More than one solution in the set might solve the problem. It is also possible that none of the solutions in the set solve the problem.

After you answer a question in this section, you will NOT be able to return. As a result, these questions do not appear on the Review Screen.

You have an on-premises datacenter.

You have an Azure subscription that contains a virtual network named VNet1.

You have an SAP RISE managed workload.

You need to ensure transitive connectivity between the datacenter. VNet1, and the managed workload.

Solution: You configure a Site-to-Site (S2S) VPN connection between the datacenter and the managed workload and virtual network peering between VNet1 and the managed workload. Does this meet the goal?

A. Yes

B. No

Answer: B

Explanation:

Question: 282

HOTSPOT

You have an Azure subscription that contains two deployments of SAP NetWeaver on Azure named Production and Development. The Development deployment is used only during business hours and will be decommissioned after three months.

You need to recommend an optimization solution for the deployments. The solution must meet the following requirements:

- Maximize uptime of the Production deployment.
- Minimize costs, whenever possible.

What should you include in the recommendation for each deployment? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Production:

Change the virtual machine size.

Configure snoozing

| Purchase reserved virtual machine instances

Application:

Configure a virtual machine scale set

Configure snoozing.

Purchase reserved virtual machine instances

Answer:

Explanation:

Answer Area

Production: Purchase reserved virtual machine instances.

Application: Configure snoozing.

Question: 283

HOTSPOT

You have an on-premises network.

You have an Azure subscription.

You plan to deploy an SAP production landscape that will include on-premises servers and Azure virtual machines. The landscape will be hosted on servers that run SUSE Linux Enterprise Server (SLES).

You need to recommend a solution to standardize the provisioning and configuration of the SLES servers for SAP workloads. The solution must meet the following requirements:

- Automate provisioning for new on-premises servers and Azure virtual machines.
- Ensure that you can run the Azure VM extension for SAP solutions.

Which package should you recommend for each requirement? To answer, select the appropriate

options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Perform provisioning:

Cloud-init

Microsoft Azure Linux Agent (waagent)

Sysprep

Run the Azure VM extension for SAP solutions:

I Cloud-init

Microsoft Azure Linux Agent (waagent)

:Sysprep

Answer:

Explanation:

Answer Area

Perform provisioning: Cloud-init

Run the Azure VM extension for SAP solutions: Microsoft Azure Linux Agent (waagent)

Question: 284

DRAG DROP

You are planning an SAP on Azure deployment that will contain instances of SQL Server on Azure Virtual Machines. Each virtual machine will contain a data file disk and a log file disk.

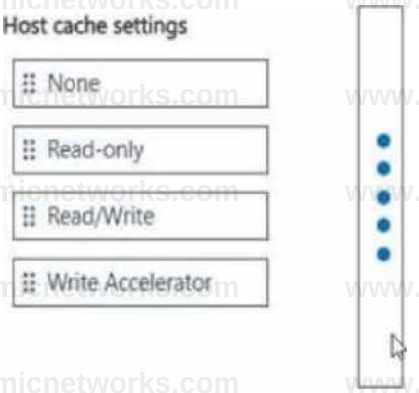
You need to recommend a host caching solution.

Which host caching setting should you recommend for each disk? To answer, drag the appropriate settings to the correct targets. Each setting 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.

Explanation:

Answer:



Data file disk: ^ad-only

Log file disk ^one

Question: 285

You are planning the implementation of a Pacemaker cluster that will run Red Hat Enterprise Linux (RHEL) and host three SAP HANA nodes.

You need to recommend a solution to ensure that a node is shut down if there is an issue on the node. The solution must minimize complexity and costs.

What should you include in the recommendation?

A. an Azure Automation runbook
B. a virtual machine scale set in Flexible orchestration mode
C. a STONITH Block Device (SBD) with an iSCSI target
D. an Azure fence agent configuration

Answer: D

Explanation:

Question: 286

You have an Azure subscription named Sub1 that is linked to a Microsoft Entra tenant named contoso.com. You have an on-premises deployment of SAP Landscape Management (LaMa). You need to ensure that the on-premises LaMa deployment is authorized to manage the SAP resources provisioned to Sub1. What should you create first?

A. a user-assigned managed identity in Sub1
B. a system-assigned managed identity in Sub1
C. an externalidentityprovidenncontoso.com
D. an app registration in contoso.com

Answer: D

Explanation:

Question: 287

You plan to implement a deployment of SAP NetWeaver on Azure. The deployment will be hosted on virtual machines that run SUSE Linux Enterprise Server (SLES).

You need to identify which virtual machine size to use to meet the following requirements:

- The size must be based on the SAPS rating of the deployment.

- The virtual machines must be certified to run the deployment.

What should you use?

A. SAP Cloud Appliance Library (CAL)
B. Product Availability Matrix (PAM)
C. a designated SAP note

Answer: C

Explanation:

Question: 288

You have an Azure subscription that contains multiple virtual machines. The virtual machines host an SAP non-production landscape on Azure. You need to configure the virtual machines to stop and start at specific times. The solution must minimize administrative effort. What should you use?

A. an Azure Resource Manager (ARM) template
B. a virtual machine scale set
C. an Azure Automation account
D. an Azure Monitor workbook

Answer: C

Explanation:

Question: 289

You have an SAP production landscape in Azure.
You have a SQL server instance on an Azure virtual machine named SQL! that hosts an SAP database.
You discover that the CPU resources on SQL! are underused.
You need to recommend a solution to minimize licensing costs for SOU.
What should you do?

A. Apply an Azure reservation to SQL1.
B. Change SQL1 to a compute optimized size.
C. Change SQL1 to a memory optimized size.
D. Change SQL1 to a constrained vCPU size.

Answer: D

Explanation: