Exam Questions AZ-120

Planning and Administering Microsoft Azure for SAP Workloads

https://www.2passeasy.com/dumps/AZ-120/

NEW QUESTION 1
- (Exam Topic 1)
You need to recommend a solution to reduce the cost of the SAP non-production landscapes after the migration.
What should you include in the recommendation?

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

Answer: D

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

NEW QUESTION 2
- (Exam Topic 1)
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
References: https://www.sap.com/products/loadrunner.html

NEW QUESTION 3
- (Exam Topic 1)
For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

Statements	Yes	No
After the migration, all user authentication to the SAP applications must be handled by Azure Active Directory (Azure AD).	○	○
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.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:
In a Hybrid-IT scenario, Active Directory from on-premises can be extended to serve as the authentication mechanism through an Azure deployed domain controller (as well as potentially using the integrated DNS).
It is important to distinguish between traditional Active Directory Servers and Microsoft Azure Active Directory that provides only a subset of the traditional on-premises AD offering. This subset 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.
References: https://www.suse.com/media/guide/sap_hana_on_azure_101.pdf

NEW QUESTION 4
- (Exam Topic 1)
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. References:
https://azure.microsoft.com/en-us/pricing/details/virtual-machines/rhel-sap-hana/

NEW QUESTION 5
- (Exam Topic 2)
You have the following Azure Resource Manager template.

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

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

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

A. Mastered
B. Not Mastered

Answer: A

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

NEW QUESTION 6
- (Exam Topic 2)
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.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:
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 References:
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

NEW QUESTION 7
- (Exam Topic 2)
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
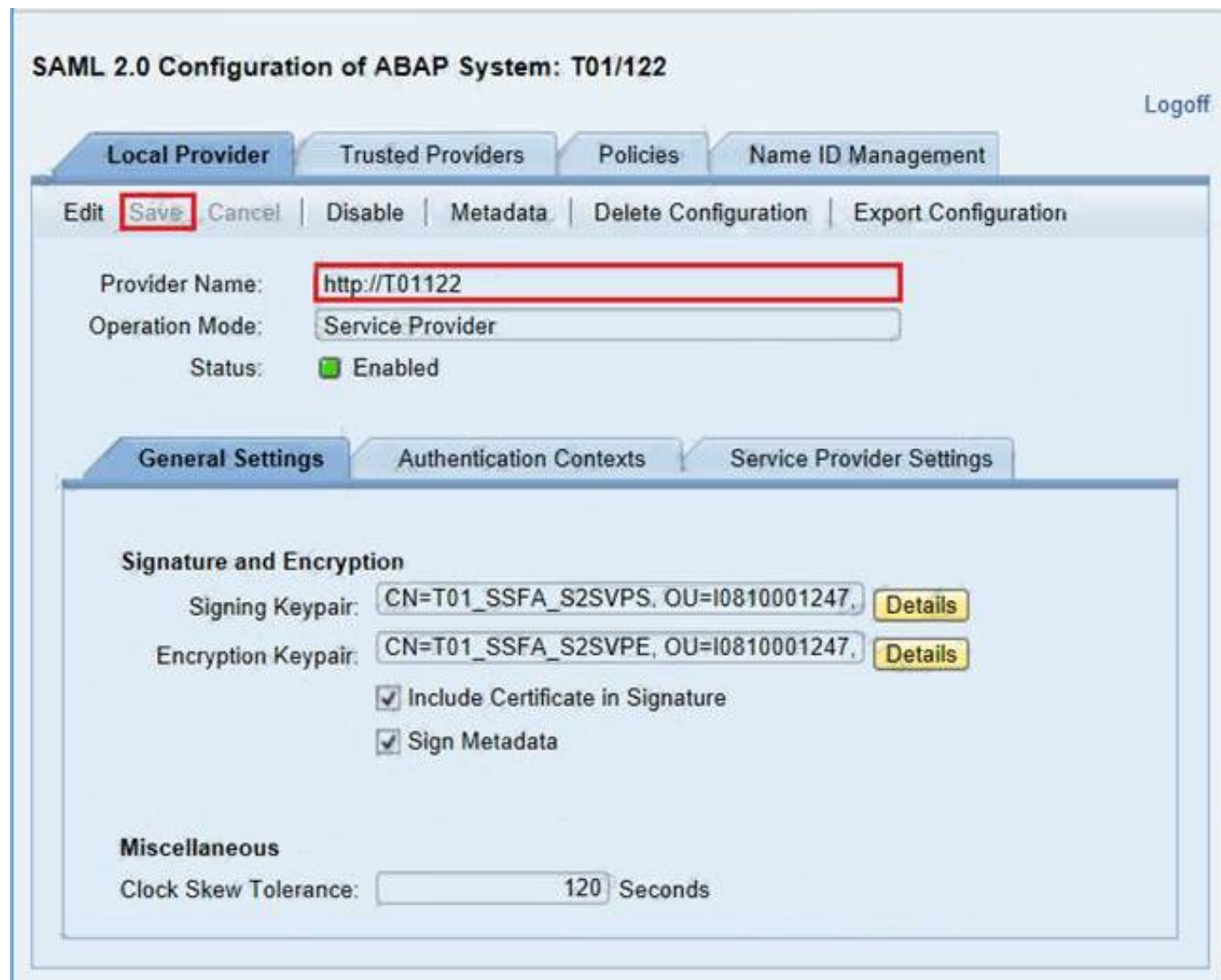D. https://FPP100

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

NEW QUESTION 8
- (Exam Topic 2)
You plan to deploy an SAP environment on Azure.
During a bandwidth assessment, you identify that connectivity between Azure and an on-premises datacenter requires up to 5 Gbps.
You need to identify which connectivity method you must implement to meet the bandwidth requirement. The solution must minimize costs.
Which connectivity method should you identify?

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

Answer: B

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

NEW QUESTION 9
- (Exam Topic 2)
You recently migrated an SAP HANA environment to Azure.
You plan to back up SAP HANA databases to disk on the virtual machines, and then move the backup tiles to Azure Blob storage for retention.
Which command should you run to move the backups to the Blob storage?

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

Answer: C

Explanation:
To store directories and files on Azure storage, one could use CLI or PowerShell. There is also a ready-to-use utility, AzCopy, for copying data to Azure storage.
Reference:
https://docs.microsoft.com/en-us/azure/virtual-machines/workloads/sap/sap-hana-backup-file-level

NEW QUESTION 10
- (Exam Topic 2)
This question requires that you evaluate the underlined BOLD text to determine if it is correct.
You have an Azure resource group that contains the virtual machines for an SAP environment.
You must be assigned the Contributor role to grant permissions to the resource group.
Instructions: Review the underlined text. If it makes the statement correct, select "No change is needed". If the statement is incorrect, select the answer choice that makes the statement correct.

A. No change is needed

B. User Access Administrator
C. Managed Identity Contributor
D. Security Admin

Answer: B

Explanation:
Contributor - Can create and manage all types of Azure resources but can't grant access to others. User Access Administrator - Lets you manage user access to Azure resources.
References:
https://docs.microsoft.com/en-us/azure/role-based-access-control/overview

NEW QUESTION 10
- (Exam Topic 2)
For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

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.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: No
Box 2: Yes
The minimum SAP HANA certified conditions for the different storage types are:
Azure Premium SSD - /hana/log is required to be cached with Azure Write Accelerator. The /hana/data volume could be placed on Premium SSD without Azure Write Accelerator or on Ultra disk
Box 3: Yes References:
https://docs.microsoft.com/en-us/azure/virtual-machines/workloads/sap/hana-vm-operations-storage

NEW QUESTION 14
- (Exam Topic 2)
You have an on-premises SAP environment hosted on VMware vSphere. You plan to migrate the environment to Azure by using Azure Site Recovery. You need to prepare the environment to support Azure Site Recovery.
What should you deploy first?

A. an on-premises data gateway to vSphere
B. Microsoft System Center Virtual Machine Manager (VMM)
C. an Azure Backup server
D. a configuration server to vSphere

Answer: D

Explanation:
When you set up disaster recovery for on-premises VMware VMs, Site Recovery needs access to the vCenter Server/vSphere host so that the Site Recovery process server can automatically discover VMs, and fail them over as needed. By default the process server runs on the Site Recovery configuration server. Add an account for the configuration server to connect to the vCenter Server/vSphere host.
References:
https://docs.microsoft.com/en-us/azure/site-recovery/vmware-azure-manage-vcenter

NEW QUESTION 19
- (Exam Topic 2)
You have an SAP development landscape on Azure.
For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

Answer Area

Statements	Yes	No
You can use SAP Landscape Management (LaMa) to automate stopping, starting, and deallocating SAP virtual machines.	○	○
You can use SAP Solution Manager to automate stopping, starting, and deallocating SAP virtual machines.	○	○
You can use SAP HANA Cockpit to automate stopping, starting, and deallocating SAP virtual machines.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements	Yes	No
You can use SAP Landscape Management (LaMa) to automate stopping, starting, and deallocating SAP virtual machines.	[○]	○
You can use SAP Solution Manager to automate stopping, starting, and deallocating SAP virtual machines.	○	[○]
You can use SAP HANA Cockpit to automate stopping, starting, and deallocating SAP virtual machines.	○	[○]

NEW QUESTION 20
- (Exam Topic 2)
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

NEW QUESTION 22
- (Exam Topic 2)
You have an SAP ERP Central Component (SAP ECQ) environment on Azure.
You need to add an additional SAP application server to meet the following requirements:
• Provide the highest availability.
• Provide the fastest speed between the new server and the database. What should you do?

A. Place the new server in a different Azure Availability Zone than the database.
B. Place the new server in the same Azure Availability Set 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

NEW QUESTION 26
- (Exam Topic 2)
Your on-premises network contains an Active Directory domain.
You have an SAP environment on Azure that runs on SUSE Linux Enterprise Server (SLES) servers. You configure the SLES servers to use domain controllers as their NTP servers and their DNS servers. You need to join the SLES servers to the Active Directory domain.
Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

Answer Area

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

Shut down the following services: smbd, nmbd, and winbindd

Run net ads join -U administrator

Run net rpc join -U administrator

Install the samba-winbind package

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Step 1: Install the samba-winbind package Install samba-winbind
Step 2: Add realm details to /etc/krb5.conf and /etc/samba/smb.conf
Edit files - best way to do this is to use yast on test machine and copy files from it
In following examples you need to replace EXAMPLE/EXAMPLE.COM/.example.com with your values/settings
/etc/samba/smb.conf [global]
workgroup = EXAMPLE
usershare allow guests = NO #disallow guests from sharing idmap gid = 10000-20000
idmap uid = 10000-20000
kerberos method = secrets and keytab realm = EXAMPLE.COM
security = ADS
template homedir = /home/%D/%U template shell = /bin/bash
winbind offline logon = yes winbind refresh tickets = yes
/etc/krb5.conf [libdefaults]
default_realm = EXAMPLE.COM 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 References:
https://www.suse.com/support/kb/doc/?id=7018461

NEW QUESTION 30
- (Exam Topic 2)
You have an Azure subscription.
Your company has an SAP environment that runs on SUSE Linux Enterprise Server (SLES) servers and SAP HANA. The environment has a primary site and a disaster recovery site. Disaster recovery is based on SAP HANA system replication. The SAP ERP environment is 4 TB and has a projected growth of 5% per month. The company has an uptime Service Level Agreement (SLA) of 99.99%, a maximum recovery time objective (RTO) of four hours, and a recovery point objective (RPO) of 10 minutes.
You plan to migrate to Azure.
You need to design an SAP landscape for the company. Which options meet the company's requirements?

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

Answer: B

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

NEW QUESTION 33
- (Exam Topic 2)
You deploy SAP HANA by using SAP HANA on Azure (Large Instances).
For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
You can use SAP HANA Studio to monitor CPU, memory, network, and storage usage for SAP HANA on Azure (Large Instances).	○	○
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).	○	○

A. Mastered
B. Not Mastered

Answer: A

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

NEW QUESTION 34
- (Exam Topic 2)
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: B

NEW QUESTION 37
- (Exam Topic 2)
Your on-premises network contains an Active Directory domain. You are deploying a new SAP environment on Azure.
You need to configure SAP Single Sign-On to ensure that users can authenticate 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.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Actions

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

Answer Area

| Change the user profiles for secure network communication (SNC.) |
| Deploy Azure Active Directory Domain Services (Azure AD DS) and sync back to Active Directory. |
| Configure secure network communication (SNC) by using SNCWIZARD. |
| Change and deploy the logon file. |

NEW QUESTION 42
- (Exam Topic 2)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more
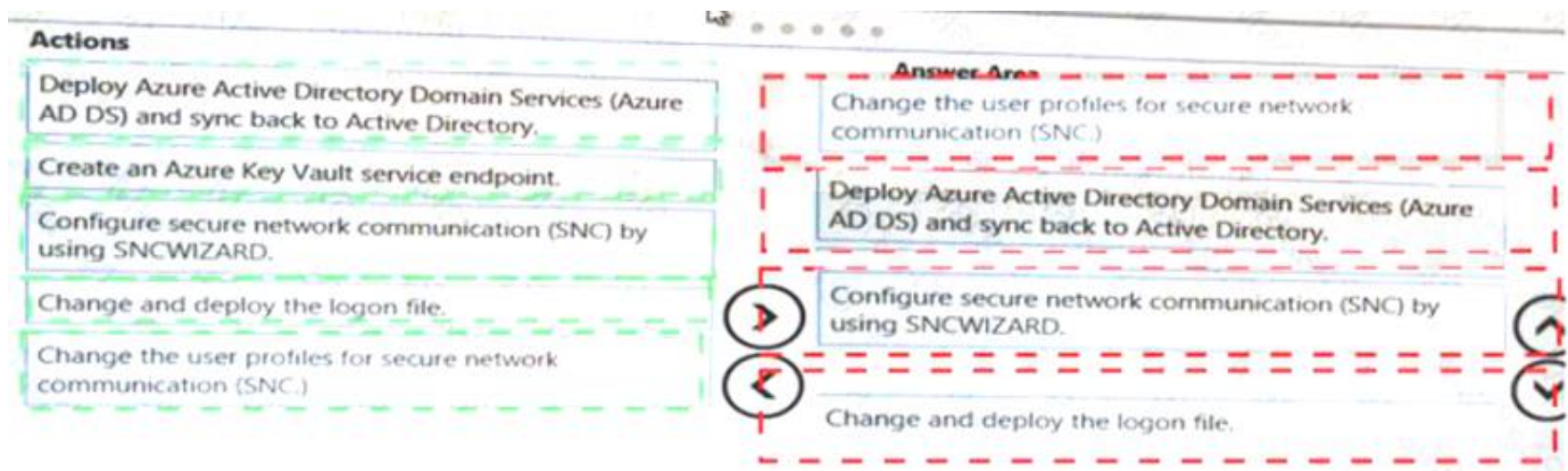than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You have a complex SAP environment that has both ABAP- and Java-based systems. The current on-premises landscapes are based on SAP NetWeaver 7.0 (Unicode and Non-Unicode) running on Windows Server and Microsoft SQL Server.
You need to migrate the SAP environment to a HANA-certified Azure environment.
Solution: You migrate SAP to Azure by using Azure Site Recovery, and then you upgrade to SAP NetWeaver 7.4.
Does this meet the goal?

A. Yes
B. No

Answer: B

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

NEW QUESTION 46
- (Exam Topic 2)
You are integrating SAP HANA and Azure Active Directory (Azure AD).
For each of the following statements, select Yes if the statement is true. Otherwise, select No.
NOTE: Each correct selection is worth one point.

Statements	Yes	No
SAP HANA supports SAML authentication for single-sign on (SSO).	○	○
SAP HANA supports OAuth2 authentication for single-sign on (SSO).	○	○
You can use Azure role-based access control (RBAC) to provide users with the ability to sign in to SAP HANA.	○	○

A. Mastered
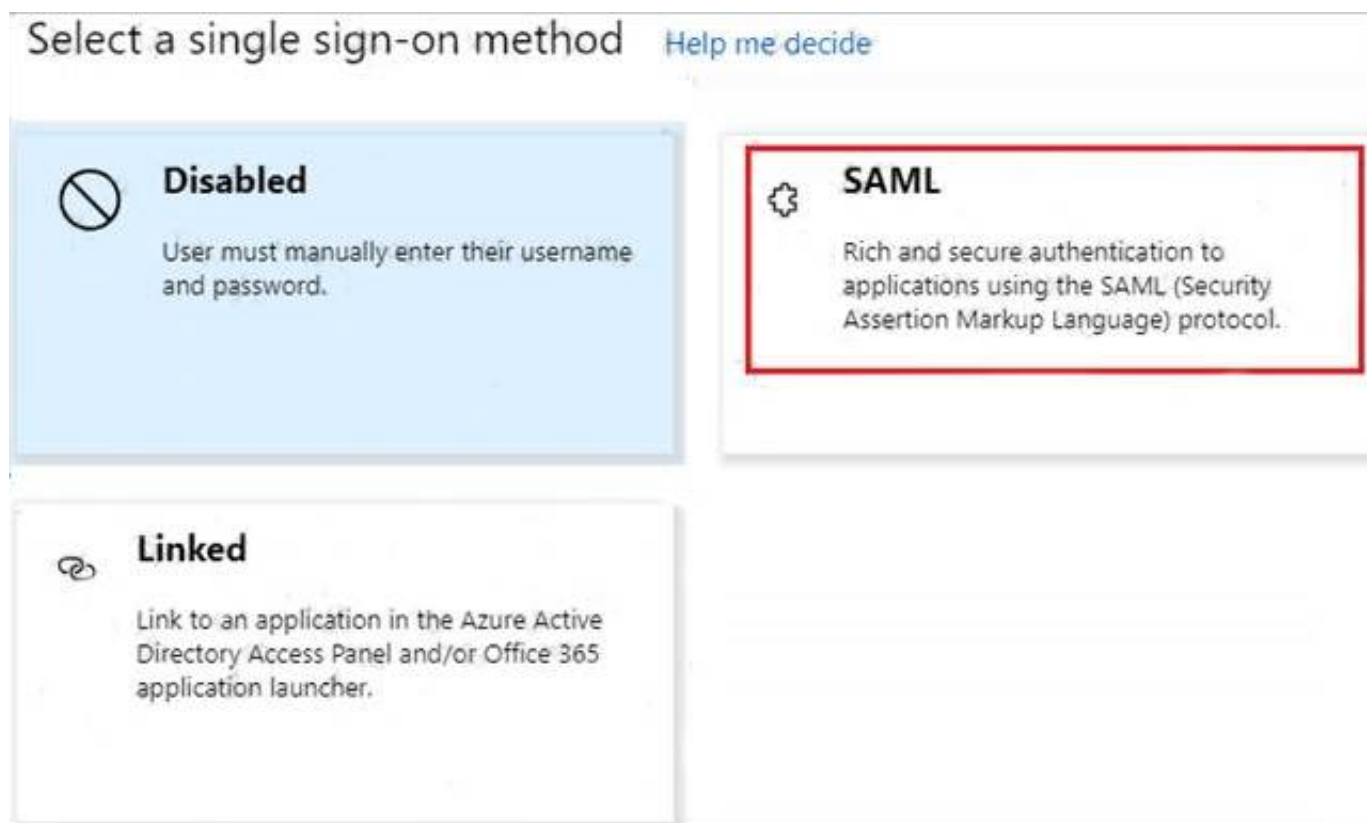B. Not Mastered

Answer: A

Explanation:
Box 1: Yes
To configure Azure AD single sign-on with SAP HANA, perform the following steps:
*1. In the Azure portal, on the SAP HANA application integration page, select Single sign-on.
*2. On the Select a Single sign-on method dialog, select SAML/WS-Fed mode to enable single sign-on.

Select a single sign-on method   Help me decide

Disabled
User must manually enter their username and password.

SAML
Rich and secure authentication to applications using the SAML (Security Assertion Markup Language) protocol.

Linked
Link to an application in the Azure Active Directory Access Panel and/or Office 365 application launcher.

Box 2: No
Box 3: No
Key security considerations for deploying SAP on Azure References:
https://docs.microsoft.com/en-us/azure/active-directory/saas-apps/saphana-tutorial

NEW QUESTION 47
- (Exam Topic 2)
You plan to deploy SAP application servers that run Windows Server 2016.
You need to use PowerShell Desired State Configuration (DSC) to configure the SAP application server once the servers are deployed.
Which Azure virtual machine extension should you install on the servers?

A. the Azure DSC VM Extension
B. the Azure virtual machine extension
C. the Azure Chef extension
D. the Azure Enhanced Monitoring Extension for SAP

Answer: A

Explanation:
The Azure Desired State Configuration (DSC) VM Extension is updated as-needed to support enhancements and new capabilities delivered by Azure, Windows Server, and the Windows Management Framework (WMF) that includes Windows PowerShell.
References:
https://docs.microsoft.com/en-us/powershell/scripting/dsc/getting-started/azuredscexthistory

NEW QUESTION 48
- (Exam Topic 2)
You are migrating SAP to Azure. The ASCS application servers are in one Azure zone, and the SAP database server in in a different Azure zone. ASCS/ERS is configured for high availability.
During performance testing, you discover increased response times in Azure, even though the Azure environment has better computer and memory configurations than the on-premises environment. During the initial analysis, you discover an increased wait time for Enqueue.
What are three possible causes of the increased wait time? Each correct answer presents a complete solution.
NOTE: Each correct selection is worth one point.

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

Answer: CDE

Explanation:
E: The network latency across Availability Zones is not the same in all Azure regions. In some cases, you can deploy and run the SAP application layer across different zones because the network latency from one zone to the active DBMS VM is acceptable. But in some Azure regions, the latency between the active DBMS VM and the SAP application instance, when deployed in different zones, might not be acceptable for SAP business processes.
References:
https://docs.microsoft.com/en-us/azure/virtual-machines/workloads/sap/sap-ha-availability-zones

NEW QUESTION 51
- (Exam Topic 2)
You are planning the Azure network infrastructure for an SAP environment.
For each of the following statements, select Yes if the statement is true. Otherwise, select No.
NOTE: Each correct selection is worth one point.

Statements	Yes	No
You can segregate the SAP application layer and the DBMS layer into different virtual networks that are peered by using Global Vnet peering.	○	○
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.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: Yes
Box 2: No
A design that's not supported is the segregation of the SAP application layer and the DBMS layer into different Azure virtual networks that aren't peered with each other. We recommend that you segregate the SAP application layer and DBMS layer by using subnets within an Azure virtual network instead of by using different Azure virtual networks.
Box 3: Yes
Be aware that network traffic between two peered Azure virtual networks is subject to transfer costs. Huge data volume that consists of many terabytes is exchanged between the SAP application layer and the DBMS layer. You can accumulate substantial costs if the SAP application layer and DBMS layer are segregated between two peered Azure virtual networks.
References:
https://docs.microsoft.com/en-us/azure/virtual-machines/workloads/sap/dbms_guide_general

NEW QUESTION 54
- (Exam Topic 2)
You plan to migrate an SAP environment to Azure.
You need to create a design to facilitate end-user access to SAP applications over the Internet, while
restricting user access to the virtual machines of the SAP application servers. What should you include in the design?

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

Answer: C

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

References:
https://azure.microsoft.com/en-in/blog/sap-on-azure-architecture-designing-for-security/
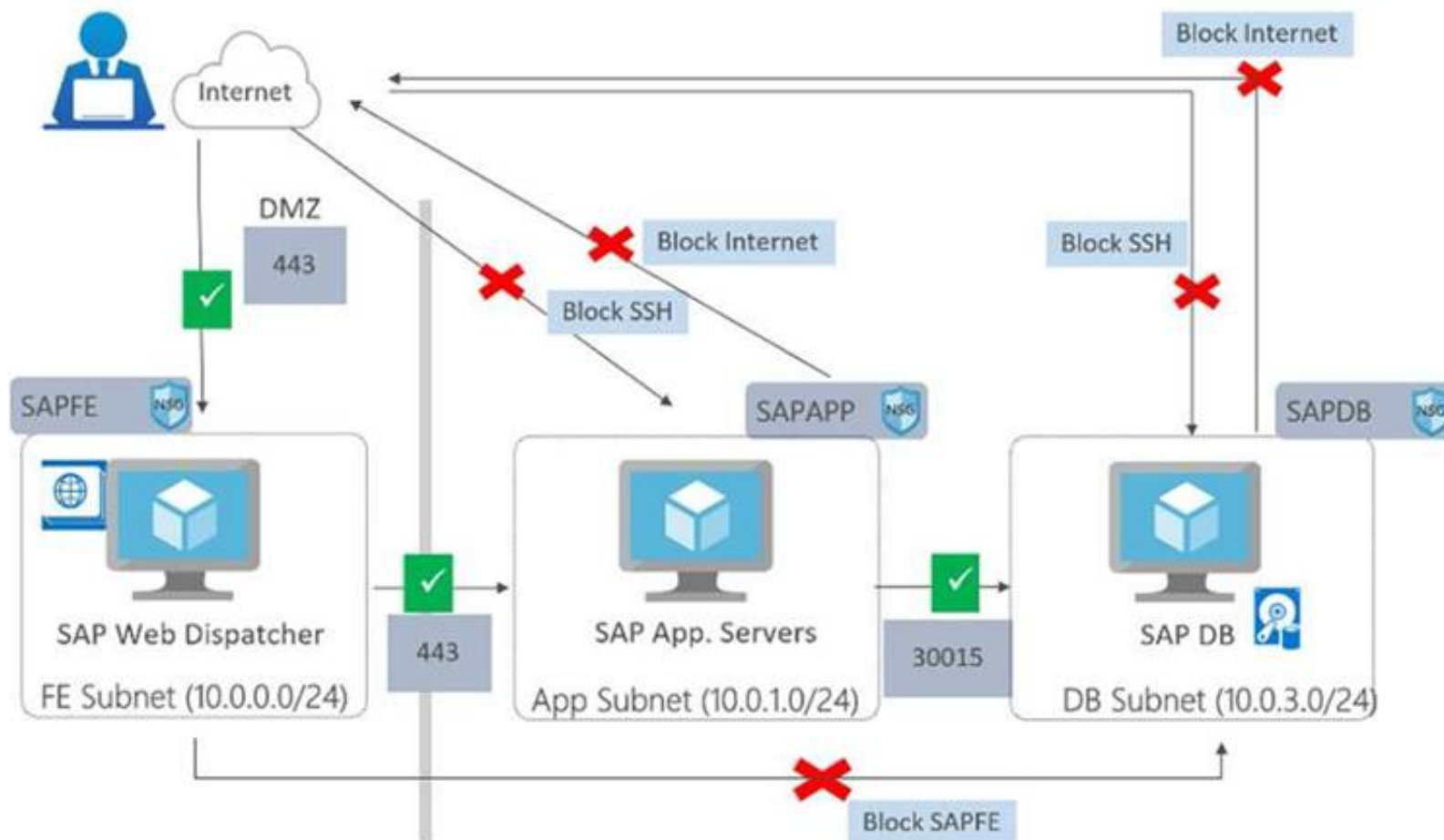
NEW QUESTION 55
- (Exam Topic 2)
Your company has a an on-premises SAP environment.
Recently, the company split into two companies named Litware, inc and Contoso.Ltd. Litware retained the SAP environment.
Litware plans to export data that is relevant only to Contoso. The export will be 1.5 TB. Contoso build a new SAP environment on Azure.
You need to recommend a solution for Litware to make the data available to Contoso in Azure. The solution
must meet the following requirements: Minimize the impact on the network. Minimize the administrative effort for Litware.
What should you include in the recommendation.

A. Azure Migrate
B. Azure Databox
C. Azure Site Recovery
D. Azure import/Export service

Answer: C

NEW QUESTION 58
- (Exam Topic 2)
You have an SAP production landscape on-premises and an SAP development landscape on Azure.
You deploy a network virtual appliance to act as a firewall between the Azure subnet and the on-premises network.
Solution: You deploy an Azure Standard Load balancer. Does this meet the goal?

A. Yes
B. No

Answer: A

NEW QUESTION 61
- (Exam Topic 2)
You plan to migrate an SAP environment to Azure.
You need to design an Azure network infrastructure to meet the following requirements:
* Prevent end users from accessing the database servers.
* Isolate the application servers from the database servers.
* Ensure that end users can access the SAP systems over the internet
Minimize the costs associated to the communications between the application servers and database servers
Which two actions should you include in the solution? Each correct answer presents pan of the solution. NOTE: Each correct selection is worth one point.

A. Configure Azure Traffic Manager to route incoming connections.
B. Configure an infernal Azure Standard Load Balancer for incoming connections.
C. Segregate the SAP application servers and database servers by using different Azure virtual networks.
D. In the same Azure virtual network, segregate the SAP application service and database servers by using different subnets and network security groups.
E. Create a site-to-site VPN between the on premises network and Azure.

Answer: DE

NEW QUESTION 64
- (Exam Topic 2)
For each of the following statements, select Yes if the statement is true. Otherwise, select No.
NOTE: Each correct selection is worth one point.

Statements	Yes	No
Azure AD Connect is required to sign into Linux virtual machines hosted in Azure.	○	○
An SAP application server that runs on a Linux virtual machine in Azure must be joined to Active Directory.	○	○
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).	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: No
To log in to a Linux VM with Azure AD credentials, install the Azure Active Directory login VM extension. Note: Azure AD Connect is the Microsoft tool designed to meet and accomplish your hybrid identity goals. Box 2: Yes
If you deploy SAP VMs in a cross-premises scenario, where on-premises Active Directory and DNS are extended in Azure, it is expected that the VMs are joining an on-premises domain.
Box 3: No
References:
https://docs.microsoft.com/en-us/azure/virtual-machines/workloads/sap/deployment-guide

NEW QUESTION 68
- (Exam Topic 2)
You deploy an SAP environment on Azure.
Your company has a Service Level Agreement (SLA) of 99.99% for SAP. You implement Azure Availability Zones that have the following components: Redundant SAP application servers
ASCS/ERS instances that use a failover cluster
Database high availability that has a primary instance and a secondary instance You need to validate the high availability configuration of the ASCS/ERS cluster.
What should you use?

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

Answer: B

Explanation:
C: You can use SAPControl to start or stop an SAP system from the command line. References:
https://docs.microsoft.com/en-us/azure/architecture/reference-architectures/sap/sap-netweaver

NEW QUESTION 71
- (Exam Topic 2)
A company named Contoso, Ltd. has users across the globe. Contoso is evaluating whether to migrate SAP to Azure.
The SAP environment runs on SUSE Linux Enterprise Server (SLES) servers and SAP HANA databases. The Suite on HANA database is 4 TB.
You need to recommend a migration solution to migrate SAP application servers and the SAP HANA databases. The solution must minimize downtime.
Which migration solutions should you recommend? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

SAP application servers:

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

SAP HANA databases:

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

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: Azure Site Recovery
Microsoft Azure Site Recovery (ASR) now supports SUSE Linux Enterprise Server 11 SP3/SP4 and SUSE Linux Enterprise Server 12 SP1/SP2/SP3. This is great for customers that are planning to migrate systems to Microsoft Azure or customers who need to have a business continuity strategy for their Azure deployments. Azure Site Recovery enables SUSE customers to migrate their non-Azure virtual machines or physical servers to Microsoft Azure virtual machines.
Box 2: System Copy for SAP Systems
In order to migrate an existing SAP HANA system into Azure, a SAP homogeneous system copy can be performed.
Reference: https://www.suse.com/c/asr_supports_suse/ https://www.netapp.com/us/media/tr-4746.pdf

NEW QUESTION 75
- (Exam Topic 2)
You deploy an SAP environment on Azure by following the SAP workload on Azure planning and deployment
checklist.
You need to verify whether Azure Diagnostics is enabled. Which cmdlet should you run?

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

Answer: B

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

NEW QUESTION 77
- (Exam Topic 2)
You plan to migrate an SAP ERP Central Component (SAP ECC) production system to Azure. You are reviewing the SAP EarlyWatch Alert report for the system.
You need to recommend sizes for the Azure virtual machines that will host the system.
Which two sections of the report should you review? Each correct answer presents a complete solution.
NOTE: Each correct selection is worth one point.

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

Answer: AD

Explanation:
It is important to note that there are 2 types of data collected for Hardware Capacity. Performance Data - e.g. CPU and Memory utilization data.
Hardware Capacity data shown in the EWA is measuring CPU and Memory utilization data. This is known as Performance Data.
Configuration Data - e.g. OS information, CPU type.
It is also collecting system information about the host such as hardware manufacturer, CPU type etc. This is known as Configuration Data.

NEW QUESTION 81
- (Exam Topic 2)
You deploy an SAP environment on Azure.
You need to configure SAP NetWeaver to authenticate by using Azure Active Directory (Azure AD).
Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

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

Answer Area

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Actions

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

Answer Area

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

NEW QUESTION 82
- (Exam Topic 2)
You are deploying an SAP production landscape to Azure.
Your company's chief information security officer (CISO) requires that the SAP deployment complies with ISO 27001.
You need to generate a compliance report for ISO 27001. What should you use?

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

Answer: A

NEW QUESTION 86
- (Exam Topic 2)
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 lo 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: D

NEW QUESTION 89
- (Exam Topic 2)
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

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 Area

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Step 1: Install the Azure Enhanced Monitoring.
The SAP Azure Enhanced Monitoring Extension allows for collecting diagnostic data including OS and Application performance counters from Azure VMs running SAP workloads.
Step 2: Install the Log Analytics client on the SAP HANA on Azure (Large Instances) instance. Step 3: Configure a Log Analytics gateway on the virtual network.
Step 4: On the gateway, run. References:
http://www.deployazure.com/compute/virtual-machines/sap-azure-enhanced-monitoring-extension/
https://docs.microsoft.com/en-us/azure/azure-monitor/platform/gateway

NEW QUESTION 90
- (Exam Topic 2)
You are planning high availability for an SAP environment on Azure. The SAP environment will use datacenters in to different zones.
Testing shows that the latency between the two zones supports synchronous DBMS replication.
You need to design a solution to ensure that SAP services are available if an Azure datacenter within a zone fails. The solution must meet the following requirements:
* Provide automatic failover
* Minimize costs
Which high availability configuration meet the requirements?

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

Answer: D

NEW QUESTION 94
- (Exam Topic 2)
You are deploying an SAP environment on Azure that will use an SAP HANA database server.
You provision an Azure virtual machine for SAP HANA by using the M64s virtual machine SKU.
You need to set the swap space by using the Microsoft Azure Linux Agent (waagent) configuration file. Which two settings should you configure? Each correct answer presents part of the solution.
NOTE: Each correct selection is worth one point.

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

Answer: CD

Explanation:
To create a swap file in the directory that's defined by the ResourceDisk.MountPoint parameter, you can update the /etc/waagent.conf file by setting the following three parameters:
ResourceDisk.Format=y ResourceDisk.EnableSwap=y ResourceDisk.SwapSizeMB=xx References:
https://support.microsoft.com/en-us/help/4010058/how-to-add-a-swap-file-in-linux-azure-virtual-machines

NEW QUESTION 98
- (Exam Topic 2)
You plan to migrate an SAP HANA instance to Azure.
You need to gather CPU metrics from the last 24 hours from the instance. Solution: You use Monitoring from the SAP HANA Cockpit.
Does this meet the goal?

A. Yes
B. No

Answer: A

Explanation:
The SAP HANA cockpit provides a single point of access to a range of SAP HANA administration and monitoring tasks. It is used to monitor and ensure the overall health of the system.
The HANA Monitoring dashboard also visualizes key HANA Metrics of SAP HANA system. Reference:
https://developers.sap.com/tutorials/dt-monitoring-hana-part1.html https://help.sap.com/viewer/afa922439b204e9caf22c78b6b69e4f2/2.10.0.0/en-US
https://www.hanatutorials.com/p/hana-monitoring-dashboard.html

NEW QUESTION 101
- (Exam Topic 2)
You have an Azure Availability Set that is configured as shown in the following exhibit.

```
PS Azure:\> get-azavailabilityset | Select Sku, PlatformFaultDomainCount, PlatformUpdateDomainCount, name, type | FL

Sku                         : Aligned
PlatformFaultDomainCount    : 2
PlatformUpdateDomainCount   : 4
Name                        : SAP-Databases-AS
Type                        : Microsoft.Compute/availabilitySets
```

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

Virtual machines that share **[answer choice]** will be susceptible to a storage outage.

- aligned SKUs
- the same fault domain
- the same update domain

Virtual machines in the Azure Availability Set can support **[answer choice]**.

- datacenter outages
- managed disks
- regional outages

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: the same fault domain
Fault domains define the group of virtual machines that share a common power source and network switch. If a storage fault domain fails due to hardware or software failure, only the VM instance with disks on the storage fault domain fails.
Box 2: managed disks
Managed disks provide better reliability for Availability Sets by ensuring that the disks of VMs in an Availability Set are sufficiently isolated from each other to avoid single points of failure. It does this by automatically placing the disks in different storage fault domains (storage clusters) and aligning them with the VM fault domain.
References:
https://docs.microsoft.com/en-us/azure/virtual-machines/windows/manage-availability

NEW QUESTION 106
- (Exam Topic 2)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these
questions will not appear in the review screen.
You have a complex SAP environment that has both ABAP- and Java-based systems. The current on-premises landscapes are based on SAP NetWeaver 7.0 (Unicode and Non-Unicode) running on Windows Server and Microsoft SQL Server.
You need to migrate the SAP environment to a HANA-certified Azure environment.
Solution: You upgrade to SAP NetWeaver 7.4, and then you migrate SAP to Azure by using Azure Site Recovery.
Does this meet the goal?

A. Yes

B. No

Answer: A

Explanation:
We need upgrade to SAP NetWeaver 7.4 before the migration. Then Azure Site Recovery is used for the migration to Azure.
Reference:
https://docs.microsoft.com/en-us/azure/site-recovery/vmware-azure-architecture

NEW QUESTION 111
- (Exam Topic 2)
You are validating an SAP HANA on Azure (Large Instances) deployment.
You need to ensure that sapconf is installed and the kernel parameters are set appropriately for the active profile.
How should you complete the commands? To answer, drag the appropriate values to the correct targets. Each value may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.
NOTE: Each correct selection is worth one point.

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

Answer Area

osprompt> more /etc/sysconfig/ [Value]

osprompt> more /usr/lib/tuned/ [Value] /tuned.conf

A. Mastered
B. Not Mastered

Answer: A

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

NEW QUESTION 113
- (Exam Topic 2)
for each of the following statements, select Yes if the statement is true. Otherwise. select No.
NOTE: Each correct selection is worth one point.

Answer Area

Statements	Yes	No
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.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements	Yes	No
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.	○	○

NEW QUESTION 118
- (Exam Topic 2)
You are designing the backup for an SAP database.
You have an Azure Storage account that is configured as shown in the following exhibit.

The cost of your storage account depends on the usage and the options you choose below.

Learn more

Account kind
StorageV2 (general purpose v2)

Performance ❶
(**Standard**) Premium

* Secure transfer required ❶
(Disabled) **Enabled**

Access tier (default) ❶
(**Cool**) Hot

Replication ❶
[Geo-redundant storage (GRS)   ⌄]

Azure Active Directory authentication for Azure Files (Preview) ❶
(**Disabled**) Enabled

Data Lake Storage Gen2
Hierarchical namespace ❶
(**Disabled**) Enabled

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

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

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

Backups will be replicated [answer choice].

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

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: standard solid-state drives (SSDs)
Standard SSD Managed Disks, a low-cost SSD offering, are optimized for test and entry-level production workloads requiring consistent latency.
Box 2: to another Azure region
Geo-redundant storage (GRS) copies your data synchronously three times within a single physical location in the primary region using LRS. It then copies your data asynchronously to a single physical location in a secondary region that is hundreds of miles away from the primary region.
References:
https://azure.microsoft.com/en-us/pricing/details/managed-disks/

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

NEW QUESTION 120
- (Exam Topic 2)
You have ah SAP environment on Azure that contains a single-tenant SAP NANA server at instance 03. You need to monitor the network throughput from an SAP application server to the SAP HANA server. How should you complete the script? To answer, select the appropriate options in the answer are. NOTE: Each correct selection is worth one point.

Answer Area

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

New-AzNetworkWatcherConnectionMonitor -NetworkWatcher (Get-AzNetworkWatcher)

-Name HANA - DestinationAddress (($HANA).IpConfigurations.PrivateIPAddress)

-DestinationPort | 1433   |       -SourceResourceId $APP.Id
                  | 1434   |
                  | 30115  |
                  | 30515  |
```

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

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

New-AzNetworkWatcherConnectionMonitor -NetworkWatcher (Get-AzNetworkWatcher)

-Name HANA - DestinationAddress (($HANA).IpConfigurations.PrivateIPAddress)

-DestinationPort | 1433   |       -SourceResourceId $APP.Id
                  | 1434   |
                  | 30115  |
                  | 30515  |
```

NEW QUESTION 124
- (Exam Topic 2)
Your on-premises network contains SAP and non-SAP applications.
You have JAVA-based SAP systems that use SPNEGO for single-sign on (SSO) authentication. Your external portal uses multi-factor authentication (MFA) to authenticate users.
You plan to extend the on-premises authentication features to Azure and to migrate the SAP applications to Azure.
For each of the following statements, select Yes if the statement is true. Otherwise, select No.
NOTE: Each correct selection is worth one point.

Statements	Yes	No
Azure Active Directory (Azure AD) pass-through authentication can be used to enable MFA for on-premises users.	○	○
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.	○	○
Active Directory Federation Services (AD FS) can be used to enable MFA for on-premises users.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: No
Need AD FS for MFA. See box 3.
Note: Azure Active Directory (Azure AD) Pass-through Authentication allows your users to sign in to both on-premises and cloud-based applications using the same passwords. This feature is an alternative to Azure AD Password Hash Synchronization (see Box 2).
Box 2: Yes

Password hash synchronization is one of the sign-in methods used to accomplish hybrid identity. Azure AD Connect synchronizes a hash, of the hash, of a users password from an on-premises Active Directory instance to a cloud-based Azure AD instance.

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

Box 3: Yes

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

References:

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

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

NEW QUESTION 126

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