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**Vendor:**Microsoft

**Exam Code:**AZ-120

**Exam Name:**Planning and Administering Microsoft  
Azure for SAP Workloads

**Version:**Demo

### QUESTION 1

You deploy an SAP environment on Azure.

You need to monitor the performance of the SAP NetWeaver environment by using Azure Extension for SAP.

What should you do first?

- A. From Azure CLI, install the Linux Diagnostic Extension
- B. From the Azure portal, enable the Custom Script Extension
- C. From Azure CLI, run the `az vm aem setcommand`
- D. From the Azure portal, enable the Azure Network Watcher Agent

Correct Answer: D

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>

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### QUESTION 2

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

Correct Answer: A

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### QUESTION 3

You have an SAP production landscape on-premises and an SAP development landscape on Azure.

You deploy a network virtual appliance to act as a firewall between the Azure subnet and the on-premises network.

Solution: You configure route filters for Microsoft peering.

Does this meet the goal?

- A. Yes
- B. No

Correct Answer: B

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#### QUESTION 4

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

Correct Answer: C

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#### QUESTION 5

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 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

Correct Answer: B

We need upgrade to SAP NetWeaver 7.4 before the migration.

**QUESTION 6**

**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.

Hot Area:

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

Correct Answer:

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

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**QUESTION 7**

**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.

Hot Area:

## 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	<input type="radio"/>	<input type="radio"/>
When you deploy Primary 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	<input type="radio"/>	<input type="radio"/>
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	<input type="radio"/>	<input type="radio"/>

Correct Answer:

## 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	<input type="radio"/>	<input checked="" type="radio"/>
When you deploy Primary 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	<input checked="" type="radio"/>	<input type="radio"/>
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	<input checked="" type="radio"/>	<input type="radio"/>

Box 1: No

Load balancers. Load balancers 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. 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/>

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## QUESTION 8

You recently migrated an SAP HANA environment to Azure.

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

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

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

Correct Answer: C

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>

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## QUESTION 9

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

Correct Answer: A

When you integrate SAP Cloud Platform Identity Authentication with Azure AD, you can:

1.  
Control in Azure AD who has access to SAP Cloud Platform Identity Authentication.
2.  
Enable your users to be automatically signed-in to SAP Cloud Platform Identity Authentication with their Azure AD accounts.

3.

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>

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#### **QUESTION 10**

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

Correct Answer: C

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#### **QUESTION 11**

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

Correct Answer: A

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#### **QUESTION 12**

**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.

Hot Area:

Statements	Yes	No
Azure Active Directory (Azure AD) pass-through authentication enables users to connect to the ABAP-based SAP systems on Azure by using their on-premises user name/password.	<input type="radio"/>	<input type="radio"/>
Azure Active Directory (Azure AD) password hash synchronization enables users to connect to the ABAP-based SAP systems on Azure by using their on-premises user name/password.	<input type="radio"/>	<input type="radio"/>
Active Directory Federation Services (AD FS) supports authentication between on-premises Active Directory and Azure systems that use different domains.	<input type="radio"/>	<input type="radio"/>

Correct Answer:

Statements	Yes	No
Azure Active Directory (Azure AD) pass-through authentication enables users to connect to the ABAP-based SAP systems on Azure by using their on-premises user name/password.	<input type="radio"/>	<input checked="" type="radio"/>
Azure Active Directory (Azure AD) password hash synchronization enables users to connect to the ABAP-based SAP systems on Azure by using their on-premises user name/password.	<input type="radio"/>	<input checked="" type="radio"/>
Active Directory Federation Services (AD FS) supports authentication between on-premises Active Directory and Azure systems that use different domains.	<input checked="" type="radio"/>	<input type="radio"/>