AZ-120 Q&As

Planning and Administering Microsoft Azure for SAP Workloads

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QUESTION 1

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

Correct Answer: C

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 2

DRAG DROP

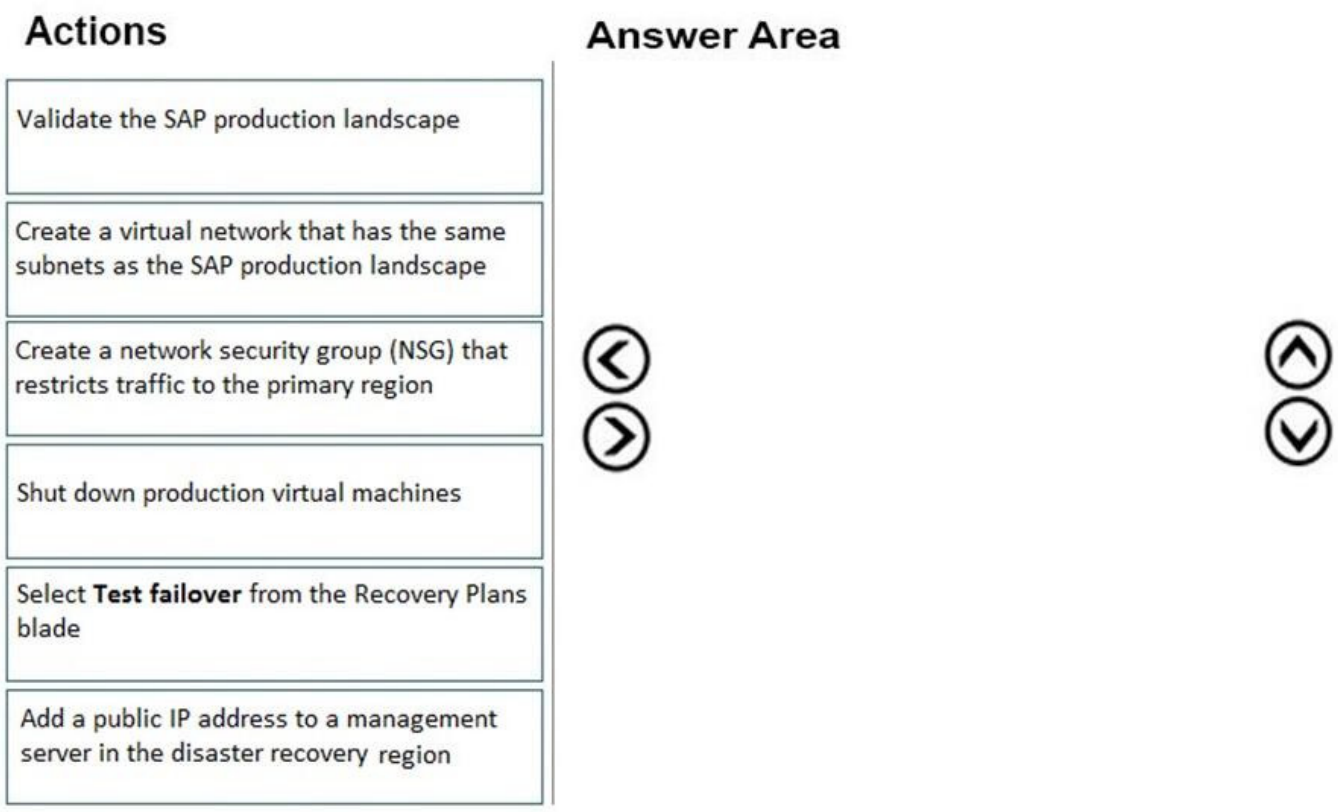
You have an SAP environment on Azure.

You use Azure Site Recovery to protect an SAP production landscape.

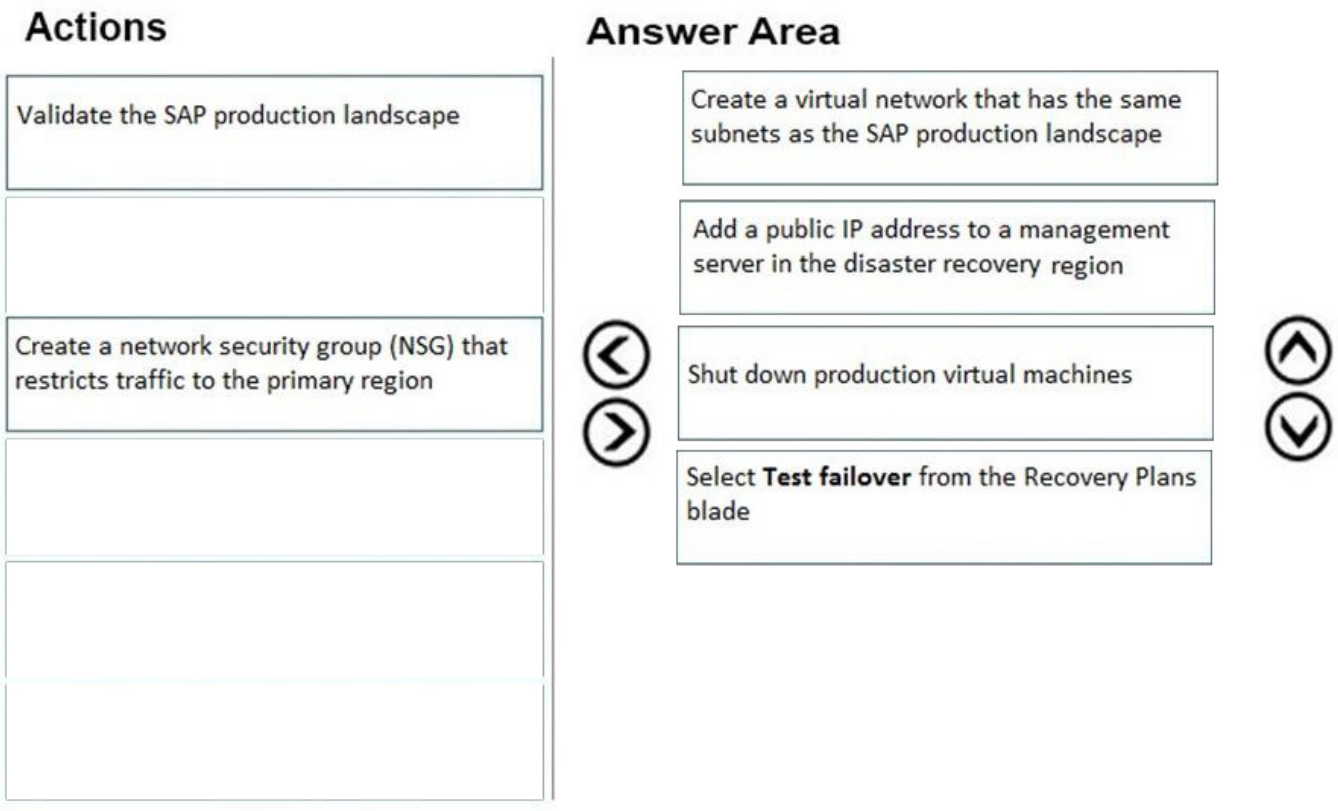
You need to validate whether you can recover the landscape in the event of a failure. The solution must minimize the impact on the landscape.

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.

Select and Place:



Correct Answer:



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 3

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. HANA Cockpit

C. SAP Quick Sizer for HANA

D. SAP Cloud Platform Cockpit

Correct Answer: A

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 4

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

Correct Answer:

Answer Area

Statements	Yes	No
Oracle Real Application Clusters (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 2016.	●	○
You can host SAP databases on Azure by using Oracle on a virtual machine that runs SUSE Linux Enterprise Server 12 (SLES 12).	○	●

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 5

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
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.	○	○

Correct Answer:

Answer Area

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

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