



- Expert Verified, Online, **Free**.



CERTIFICATION TEST

- CertificationTest.net - Cheap & Quality Resources With Best Support

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

Suggested Answer: CDE

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>

Community vote distribution

BDE (100%)

v9feda Highly Voted 2 years, 7 months ago

I agree with BDE, Since Load balancer misconfiguration would result in access issues... any thought?

upvoted 9 times

d0bermannn 2 years, 2 months ago

since we have app and db layers in different zones, lb misconfiguring may have many ways..beginning with basic lb was chosen for the case)

upvoted 1 times

d0bermannn 2 years, 2 months ago

but agreed that bde is better then cde

upvoted 2 times

fenth7 Most Recent 9 months ago

Selected Answer: BDE

ans bde

upvoted 1 times

QuattroAce 1 year, 3 months ago

Answer: CDE

upvoted 1 times

TheUltimateHac 1 year, 7 months ago

Selected Answer: BDE

Answer: BDE

upvoted 2 times

gatts53 2 years, 2 months ago

it says ' During the initial analysis' so how 'disk I/O during Enqueue backup operations' can be the correct answer?

It should be C, D, E

upvoted 3 times

[Removed] 2 years, 7 months ago

If any one has contribution access questions please share with me

upvoted 1 times

🗨️ 👤 **shashitiwari543gmail** 2 years, 7 months ago

OXYSHINE

upvoted 1 times

🗨️ 👤 **Kaiju** 2 years, 9 months ago

As the Load Balancer sits in front of the ASCS/ER, I do not see how a misconfiguration in the Load Balancer & Health Check can cause wait time in the Enqueue. I think the correct answer is BDE - (in respect to B, one should not even backup the enqueue, as it gets replicated anyway). Any thought ?

upvoted 2 times

🗨️ 👤 **d0bermannn** 2 years, 2 months ago

since we have app and db layers in different zones, lb misconfiguring may have many ways..beginning with basic lb was chosen for the case)

upvoted 1 times

🗨️ 👤 **sudhir267** 2 years, 11 months ago

Bhagirathi,can you share your email id

upvoted 1 times

🗨️ 👤 **GM007** 3 years ago

Wondering if B is better over C?

upvoted 4 times

🗨️ 👤 **Bhagirathi** 2 years, 11 months ago

making sense

upvoted 4 times

🗨️ 👤 **Bhagirathi** 3 years ago

I agree with CDE .

upvoted 1 times

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

Suggested Answer: C

To migrate DB2 databases to SQL Server, you must connect to the DB2 database that you want to migrate. When you connect, SSMA obtains metadata about all


DB2 schemas, and then displays it in the DB2 Metadata Explorer pane.

References:

<https://docs.microsoft.com/en-us/sql/ssma/db2/connecting-to-db2-database-db2tosql?view=sql-server-ver15> <https://docs.microsoft.com/en-us/biztalk/adapters-and-accelerators/adapter-sap/import-sap-data-using-sql-server-management-studio>

Community vote distribution

A (100%)

 **Sourabh1703** Highly Voted 4 years, 6 months ago

Answer should be A. R3load, SSMS is not recommended for heterogeneous migration in SAP landscapes.
upvoted 10 times

 **gks8** Highly Voted 4 years, 2 months ago

SQL Server Migration Assistant (SSMA) for DB2 is a comprehensive environment that helps you quickly migrate DB2 databases to SQL Server or Azure SQL Database. By using SSMA for DB2.
upvoted 5 times

 **smudo1965** Most Recent 11 months, 2 weeks ago

Selected Answer: A

R3load, SSMS is not recommended for heterogeneous migration in SAP landscapes
upvoted 1 times

 **petercorn** 1 year, 12 months ago

Selected Answer: A

<https://answers.sap.com/questions/1252760/what-is-the-difference-between-r3copy-and-r3load-p.html>
upvoted 1 times

 **protagonistsvb** 3 years, 6 months ago

I think the question is not complete.


The question is about SAP environment, it does not if its SAP Netweaver environment. In case of migration of NW environment R3load is correct. However there are many solutions from SAP which are not NW based such as SAP ASE which can be migrated using SSMA(S).
upvoted 2 times

 **sakibmas** 3 years, 8 months ago

The program module R3load is integrated in the SAP migration tools. For heterogeneous system copies (OS/DB migrations) only use the R3load procedure.
source: <https://answers.sap.com/questions/1252760/what-is-the-difference-between-r3copy-and-r3load-p.html>
upvoted 2 times

 **gursimran_s** 2 years, 7 months ago

This is a 16 year old post. A lot has changed since then.
upvoted 1 times

 **Kaiju** 3 years, 9 months ago

A. R3load
upvoted 4 times

🗨️ 👤 **Bhagirathi** 4 years ago

It is R3load - pls do not confuse .
upvoted 3 times

🗨️ 👤 **SOUMALYASEN89** 4 years ago

Answer is correct.. it should SSMS ..
upvoted 1 times

🗨️ 👤 **kEissa1** 4 years, 3 months ago

Guys,

What is the pass score for this certificate ?

upvoted 1 times

🗨️ 👤 **gursimran_s** 2 years, 7 months ago

700 it is.

upvoted 1 times

🗨️ 👤 **shaark18** 3 years, 6 months ago

700/1000

upvoted 1 times

🗨️ 👤 **vk100001** 4 years, 3 months ago

R3load should be the answer

upvoted 2 times

🗨️ 👤 **sap_umesh** 4 years, 4 months ago

Correct answer is R3load

upvoted 3 times

🗨️ 👤 **Kapsy** 4 years, 4 months ago

SSMA seems to be the tool to export data from DB2 and importing it into SQL server, but here the question is based on SAP workload and the scenario is Heterogeneous. In a Heterogeneous scenario the Export/Import is sometimes called R3load/Migration Monitor based or Database Independent (in the System Copy Guide). Because this method is not reliant on database-specific tools, it is the only method that can be used for heterogeneous copies. However, it can also be used for homogeneous copies. So the answer should be 'R3load'.

upvoted 4 times

🗨️ 👤 **Yogesh_g_w** 4 years, 5 months ago

Experts, Someone please confirm on the answer, ideally speaking being SAP BASIS admin i would not use SSMA option..but it should be R3Load..

upvoted 1 times

🗨️ 👤 **GiuseppeF** 4 years, 5 months ago

The correct answer should be A. The SAP tool for Hetherogenous System Copy is R3load.

upvoted 4 times

🗨️ 👤 **cbits** 4 years, 5 months ago

A: because its having OS migration too(not only DB migration)

upvoted 1 times

🗨️ 👤 **Kalyansarkar** 4 years, 5 months ago

To migrate DB2 databases to SQL Server, you must connect to the DB2 database that you want to migrate. When you connect, SSMA obtains metadata about all DB2 schemas, and then displays it in the DB2 Metadata Explorer pane. SSMA stores information about the database server, but does not store passwords.I think Ans is - C

upvoted 4 times

🗨️ 👤 **praveenkumarh1912** 4 years, 4 months ago

SSMS or SSMA is not supported for SAP migrations. It is only for Non-SAP environments

upvoted 1 times

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.

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 ⓘ
Standard Premium

* Secure transfer required ⓘ
Disabled **Enabled**

Access tier (default) ⓘ
Cool Hot

Replication ⓘ
Geo-redundant storage (GRS) ▼

Azure Active Directory authentication for Azure Files (Preview) ⓘ
Disabled Enabled

Data Lake Storage Gen2
Hierarchical namespace ⓘ
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.

Hot Area:

Answer Area

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

Suggested Answer:

Answer Area

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

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>

  **Bhagirathi** Highly Voted 3 years ago

>> Standard HDD is an Azure storage type that should only be used to store SAP backups <<
as we are designing for SAP backup so choice here HDD
>>>and for Geo redundancy solution- Another Region is the choice <<<
upvoted 11 times

  **25max** 4 months, 1 week ago



Totally agree with the aboves.

There are two different types of storage accounts: General Purpose (v1 or v2) and blob storage. General purpose accounts support blobs, files, queues, and tables. General Purpose v2 accounts have Premium (SSD) or Standard (HDD) tier performance.

I really do not understand why mixing this with the disks recommended by SAP.

The question clearly about the storage account, the SAP specification cannot do here anything!

<https://www.egroup-us.com/getting-started-with-azure-storage/>
upvoted 1 times



  **Pass4IT** 1 year, 10 months ago

I also believe it is Standard SDD. As the URL, "Standard HDDs only support locally redundant storage (LRS)" and in the question, it is selecting Geo-redundant storage (GRS) hence it cannot be HDD.

<https://azure.microsoft.com/en-us/pricing/details/managed-disks/>
upvoted 2 times

  **SteveChai** 2 years, 10 months ago

but, the question is to refer to option settings as selected (As show in the picture), it selected Standard and Geo-redundant storage (GRS), So, which mean, the answer should be Standard SSD and to another Azure region.
upvoted 3 times

  **sripradeep324** Highly Voted 3 years, 5 months ago

Azure Standard HDD storage-based managed disks are not supported for SAP workloads. Microsoft recommends using Azure Standard SSD storage as minimum for Azure VMs hosting the SAP application layer and for non-performance sensitive DBMS deployment and using Azure Premium SSD storage for all other Azure VMs DBMS workloads.



<https://docs.microsoft.com/en-us/learn/modules/using-iaas-support-azure-sap-workloads/2-storage-support-sap-workloads>
upvoted 7 times

  **petercorn** Most Recent 12 months ago

<https://learn.microsoft.com/en-us/azure/virtual-machines/workloads/sap/planning-guide-storage>
upvoted 1 times

  **d0bermannn** 2 years, 2 months ago

correct
upvoted 1 times

  **SWOVN** 2 years, 6 months ago

IMO: HDD, Multi-regions
for Performance tier: <https://docs.microsoft.com/en-us/azure/storage/common/storage-account-overview>
upvoted 1 times

  **sakibmas** 2 years, 8 months ago

two types of disks:
Premium: Which means your data will be placed on solid state disks

Standard: Where data is placed on regular hard disk drives

source: <https://www.sqlshack.com/different-azure-storage-types-file-blob-queue-table/>

upvoted 1 times

🗳️ 👤 **tdipen22** 2 years, 8 months ago

The Given Answer is Correct:

1. Standard SSD's
2. To another Azure region.

1: HDD's is advisable only in case of retired systems which are not used actively. Basically systems not used in a landscape of dev->test->prod. But here, question says 'you are designing SAP database', which likely means it is a part of SAP landscape and atleast a DEV or QA system will be build on the same. Hence, Standard SSD's.

upvoted 2 times

🗳️ 👤 **Kaiju** 2 years, 9 months ago

Since the storage in question is for backups only and the data type is "cold", the least expensive solution is be HDD, GRS=replicated to another region.

<https://docs.microsoft.com/en-us/azure/virtual-machines/workloads/sap/planning-guide-storage#:~:text=Azure%20Ultra%20disk,-Azure%20ultra%20disks&text=Ultra%20disks%20are%20suited%20for,that%20stores%20the%20operating%20system.>

upvoted 2 times

🗳️ 👤 **gills** 2 years, 9 months ago

Firstly this is about keeping SAP backup and it says nothing if this fulfills SAP requirement / certification or not. Secondly the storage is Standard Storage and cool tier. Cool tier has the same latency as the hot tier. Hence both are on Standard SSD. HDD is used for Archive tiers. Many of the URLs below point to what SAP needs. Hardly any URL i read tells you WHAT hard disk types are used in the COOL tier of Storage Account Std V2.

Also this is not about validation what SAP recommends. This questions is all about Azure Storage Account and nothing else.

upvoted 3 times

🗳️ 👤 **gills** 2 years, 9 months ago

Hence the answer is Std SSD and another region.

upvoted 2 times

🗳️ 👤 **Hardikm007** 2 years, 10 months ago

SSD & another Azure region.

SSD: Performance tier is only activated in SSD For HDD its not activaed since HDD has not premium tier and only standard tier. So SSD is the correct answer.

Another Region: Due to GRS, its repliacated to another region.

upvoted 2 times

🗳️ 👤 **Rinjureji** 3 years, 1 month ago

<https://www.sqlshack.com/different-azure-storage-types-file-blob-queue-table/>

Depending on what you want to do with the storage, you can choose Standard which is on HDD or Premium which is on SSD. Obviously, the latter incurs a higher cost than the former.

upvoted 1 times

🗳️ 👤 **iftikhar_ahmed** 3 years, 1 month ago

Answer is HDD and GRS(to another region). Check the "Azure standard HDD storage" in the below url which clearly answers the question

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

upvoted 3 times

🗳️ 👤 **gks8** 3 years, 2 months ago

Standard HDD are not supported by SAP for any Storage accounts. Minimum it should be SSDs.

upvoted 2 times

🗳️ 👤 **Vivek_sahu** 3 years, 3 months ago

First of all, it doesn't says anything w.r.t HANA database. For any SAP database, below is the link of support matrix storages. It says HDDs are not supported for any type of storage, although standard SSDs can be suitable for non-prod systems.. so, correct answer is Standard SSDs & GRS.

<https://docs.microsoft.com/en-us/azure/virtual-machines/workloads/sap/planning-guide-storage#storage-recommendations-for-sap-storage-scenarios>

upvoted 3 times

🗨️ 👤 **kktg** 3 years, 3 months ago

Answer is : Standard solid-state drives (SSDs), to another Azure region , In general, Azure standard HDD storage is not recommended and was used for demonstration purposes only. Recommendation is to use a minimum of Azure Standard SSD storage or Azure Premium Storage for production systems.

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

upvoted 1 times

🗨️ 👤 **Sarah5902** 3 years, 3 months ago

I think HDD and another region.

By the explanation of the Azure Storage Account : Standard storage accounts are backed by magnetic drives and provide the lowest cost per GB.

I agree with that for SAP, HDD is not good, but it is for backup.

upvoted 2 times

🗨️ 👤 **MukeshKhamparia** 3 years, 4 months ago

1. HDD (Explanation is below)

2. Another Region

There are two kinds of Storage accounts:

General Purpose Storage Account: A general-purpose storage account gives you access to Azure Storage services such as Tables, Queues, Files, Blobs and Azure virtual machine disks under a single account. It has two performance tiers:

Standard storage performance tier which allows you to store Tables, Queues, Files, Blobs and Azure virtual machine disks. It's backed by magnetic drives (HDD) and provide the lowest cost per GB.

Premium storage performance tier which currently only supports Azure virtual machine disks. It is backed by solid state drives (SSD) and offer consistent low-latency performance.

upvoted 4 times

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.

Select and Place:

Actions

From the Azure portal, create a service principal

From the Cloud Managers tab in LaMa, add an adapter

From SAP Solution Manager, deploy the LaMa adapter

Add permissions to the service principal

Install and configure LaMa on an SAP NetWeaver instance

Answer Area



Suggested Answer:

Actions

From the Azure portal, create a service principal

From the Cloud Managers tab in LaMa, add an adapter

From SAP Solution Manager, deploy the LaMa adapter

Add permissions to the service principal

Install and configure LaMa on an SAP NetWeaver instance

Answer Area

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 NetWeaver instance

Provision a new adaptive SAP system

You can manually deploy a new virtual machine or use one of the Azure templates in the quickstart repository. It contains templates for SAP NetWeaver ASCS, SAP NetWeaver application servers, and the database. You can also use these templates to provision new hosts as part of a system copy/clone etc.

Note: To support customers on their journey into a cloud model (hybrid or entirely public cloud), SAP and Microsoft partnered to create an adapter that integrates the SAP management capabilities of LaMa with the IaaS advantages of Microsoft Azure.

References:

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

  **Kapsy** Highly Voted 3 years, 4 months ago

Below is the correct order.

- 1) Install and Configure SAP LaMa on an SAP NW instance.
- 2) From the Azure Portal, create a Service Principle.
- 3) Add permissions to the Service Principle.
- 4) From tab Cloud Managers and click on Add - Microsoft Azure Cloud Adapter, click Next and configure the adapter.

Reference:

<https://blogs.sap.com/2019/08/02/sap-landscape-management-on-microsoft-azure-part-2/>

upvoted 24 times

  **tdipen22** 2 years, 8 months ago

Don't confuse people. I am surprised to see the number of likes. Given answer for the question is correct. The link you have provided is for the LAMA installation itself, but here the question is refreshing Q from P system using LAMA. Toatally different case. People please go through below link and decide:

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

upvoted 13 times

  **syswiz85** 2 years, 2 months ago

I agree with tdipen, your provided answer is 100% incorrect. Provided answer is correct.

upvoted 5 times

  **Bhagirathi** Highly Voted 3 years ago

I will go as below:

- > From Azure portal create a service principal
 - >> Add permissions to the service principal
 - >>> Install and configure LaMa on an SAP NW Instance
 - >>>> From the Cloud Manager tab in Lama, add an adaptor
- making sense ?? or you differ anyway?

upvoted 9 times

  **jijibebe** 2 years, 11 months ago

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

I think your's answer is right.



upvoted 3 times

  **petercorn** Most Recent 12 months ago

Given answer correct.

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

upvoted 2 times

  **SteveChai** 2 years, 10 months ago

the given answer is correct

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



upvoted 4 times

  **Talalkhair** 2 years, 11 months ago

the given ans is correct



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

upvoted 2 times

  **Yogesh_g_w** 3 years, 5 months ago

you are right RAVI

upvoted 1 times

  **RAVI_BASIS** 3 years, 5 months ago

step 4 should come before step 3. It is not possible to add adapter from LAMA before installing it.

upvoted 6 times

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.	<input type="radio"/>	<input type="radio"/>
You can host SAP databases on Azure by using Oracle on a virtual machine that runs Windows Server 2016.	<input type="radio"/>	<input type="radio"/>
You can host SAP databases on Azure by using Oracle on a virtual machine that runs SUSE Linux Enterprise Server 12 (SLES 12).	<input type="radio"/>	<input type="radio"/>

Suggested Answer:

Answer Area

Statements	Yes	No
Oracle Real Application Clusters (RAC) can be used to provide high availability of SAP databases on Azure.	<input checked="" type="radio"/>	<input type="radio"/>
You can host SAP databases on Azure by using Oracle on a virtual machine that runs Windows Server 2016.	<input checked="" type="radio"/>	<input type="radio"/>
You can host SAP databases on Azure by using Oracle on a virtual machine that runs SUSE Linux Enterprise Server 12 (SLES 12).	<input checked="" type="radio"/>	<input type="radio"/>

Box 1: Yes -

Box 2: Yes -

Oracle Database 12c Release 2 (12.2) is certified on Microsoft Windows Server 2016 (Standard, Datacenter, and Essentials Editions), which includes support for the database client, server, and Oracle Real Application Clusters.


Organizations can run SAP applications with Oracle databases on the same code base on Unix, Linux, and Windows operating systems.

Box 3: Yes -

References:

<https://docs.microsoft.com/en-us/azure/virtual-machines/workloads/oracle/oracle-overview>

<https://docs.oracle.com/en/database/oracle/oracle-database/12.2/ntdbn/index.html#>

 **deepu_agrawal** Highly Voted 4 years, 6 months ago

Answer should be : No , Yes, No

upvoted 21 times

 **suryajapan** 3 years, 5 months ago

I believe answer should be Yes, Yes, No. You can enable Oracle RAC on Azure. There is a line which reads "Enable Oracle Real Application Clusters (RAC) in Azure using Azure VMware Solution or FlashGrid SkyCluster." Check this link - <https://docs.microsoft.com/en-us/azure/virtual-machines/workloads/oracle/oracle-overview>

upvoted 5 times

  **pkum** Highly Voted 4 years, 6 months ago



The given answers are incorrect. The answer should be No, Yes, No
upvoted 11 times

  **stevethai** Most Recent 6 months, 3 weeks ago

correct answers should be => No (RAC is not HA), Yes, No(SAP on Oracle on Azure is only supported on Oracle Linux (and not Suse or Red Hat) for application and database servers.

<https://learn.microsoft.com/en-us/azure/sap/workloads/dbms-guide-oracle>

upvoted 1 times

  **stevethai** 6 months, 4 weeks ago

N

o (RAC allow customers to run a single Oracle Database across multiple servers in order to maximize availability and enable horizontal scalability, while accessing shared storage. It is not HA.), yes, yes

upvoted 1 times

  **Examdumps2023** 11 months ago

All are No

upvoted 1 times

  **Dr_Sree** 1 year, 1 month ago

Hi it is evident that RAC is not supported on Azure. However flashlight provides RAC features for oracle on Azure.

<https://techcommunity.microsoft.com/t5/data-architecture-blog/oracle-rac-on-azure/ba-p/1185410>

Answers no yes no seems to be the valid option

upvoted 1 times

  **petercorn** 1 year, 12 months ago

Only Windows servers and Oracle Linux are supported with the Oracle database on Microsoft Azure.

<https://launchpad.support.sap.com/#/notes/2039619>

upvoted 3 times

  **twtm** 2 years, 3 months ago

NO - Oracle RAC Oracle Real Application Cluster (RAC) is currently not certified or supported by Oracle in Azure. However Oracle Data Guard technologies and architecture for high-availability can provide highly resilient SAP environments with protection against rack, data center, or regional interruptions of service.

Yes

No

upvoted 2 times

  **doefke** 3 years, 4 months ago

Answer is: No, Yes, No

read this doc (<https://docs.microsoft.com/en-us/azure/architecture/example-scenario/apps/sap-on-oracle>) and look into the 'considerations' section

-> Oracle RAC as a scalability and high availability solution is not supported for running SAP on Azure.



upvoted 3 times

  **PrashantSG1977** 3 years, 6 months ago

Oracle RAC is only supported only on Oracle Cloud.

It may be technically feasible to implement on Azure, AWS ; but oracle will not provide support for such solutions.

upvoted 2 times

  **suryajapan** 3 years, 5 months ago

Why not? You can enable Oracle RAC on Azure. There is a line which reads "Enable Oracle Real Application Clusters (RAC) in Azure using Azure VMware Solution or FlashGrid SkyCluster." Check this link - <https://docs.microsoft.com/en-us/azure/virtual-machines/workloads/oracle/oracle-overview>

upvoted 1 times

  **NagarjunaJ** 3 years, 7 months ago

SAP Note 2039619 - SAP Applications on Microsoft Azure using the Oracle Database: Supported Products and Versions. As per this note, No Yes No.

upvoted 4 times

  **matateu007** 3 years, 8 months ago

My opinion:

a: No

While Oracle RAC can also be used for high availability on-premises, Oracle RAC alone cannot be used for high availability in the cloud as it only protects against instance level failures and not against Rack-level or Data center-level failures

<https://docs.microsoft.com/en-us/azure/virtual-machines/workloads/oracle/oracle-reference-architecture>



2: YES

3: YES

You can also choose to setup Oracle Database on a non-Oracle Linux image available in Azure, base a solution on a custom image you create from scratch in Azure or upload a custom image from your on-premises environment.

<https://docs.microsoft.com/en-us/azure/virtual-machines/workloads/oracle/oracle-overview>

upvoted 2 times

  **RRG** 3 years, 8 months ago

NO-YES-NO

upvoted 3 times

  **Azure1971** 3 years, 9 months ago

The answer is No,Yes, No, SAP Note 2039619 - SAP Applications on Microsoft Azure using the Oracle Database: Supported Products and Versions

upvoted 5 times

  **Kaiju** 3 years, 9 months ago

Agree with answer: No, Yes, No

upvoted 3 times


  **Hardikm007** 3 years, 10 months ago

1. Yes - O-RAC is used in HA -- <https://docs.microsoft.com/en-us/azure/virtual-machines/workloads/oracle/oracle-overview#high-availability-and-disaster-recovery-options>

2. Yes

3. Yes, the question says SAP Database and not Oracle DB

upvoted 1 times

  **Shub94** 3 years, 10 months ago

NO, YES, NO

upvoted 3 times

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

Suggested Answer: A

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:

D: 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 offline and cloud operations for managing databases,

References:

<https://searchcloudcomputing.techtarget.com/definition/Azure-Migrate>

Community vote distribution

A (100%)

🗳️ 👤 **4c78df0** 7 months, 1 week ago

Selected Answer: A

correct

upvoted 1 times

🗳️ 👤 **Bhagirathi** 3 years, 11 months ago

A 200 %

upvoted 4 times

🗳️ 👤 **Bhagirathi** 4 years ago

seems correct option is A.

upvoted 3 times

🗳️ 👤 **Bhanuxyz** 4 years, 2 months ago

yes EWA for input and AZURE for estimate

upvoted 3 times

🗳️ 👤 **VenuReddy** 4 years, 3 months ago

Yes, the answer is : A (we are still in the planning phase - Azure migrate and EWA reports are sufficient)

upvoted 3 times

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

Suggested Answer: AD

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.

Incorrect Answers:

E: Data Volume Management focuses on whether the collection of DVM content for the EarlyWatch Alert report is not performed, not activated, or not possible because the SAP Solution Manager system does not meet the technical requirements.

References:

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

Community vote distribution

AC (100%)

🗳️ 👤 **Sourabh1703** Highly Voted 3 years, 6 months ago

A and C, D is for ABAP optimizations, that cannot drive sizing.
 upvoted 13 times

🗳️ 👤 **pkum** 3 years, 6 months ago

Agree. Validated with SAP doc A & C should be correct answers.
 upvoted 8 times

🗳️ 👤 **petercorn** Most Recent 12 months ago

Selected Answer: AC

<https://learn.microsoft.com/en-us/azure/architecture/framework/sap/performance-efficiency>

<https://blogs.sap.com/2019/04/17/using-the-sap-earlywatch-alert-solution-finder-effectively/>

upvoted 3 times

🗳️ 👤 **Shub94** 2 years, 10 months ago

A and C
 upvoted 4 times

🗳️ 👤 **Bhagirathi** 3 years ago

A & C - any doubt . pls generate one report in your SAP and help check.
 upvoted 3 times

🗳️ 👤 **SteveChai** 2 years, 10 months ago

I see this question in actual exam, During the actual exam, I selected Hardware Capacity and Database and ABAP Load Optimization option (which given by examtopic). But, my exam failed. Can not follow 100% answer which given by examtopic.

I got the EWA report for ERP system,



There is sections called - Hardware Capacity , confirm this is correct.

But, couldn't find the Database and ABAP Load Optimization section in EWA report.

However, the Hardware Configuration under Landscape, is in the EWA report,

So, the answer should be A and C.



upvoted 12 times

  **gks8** 3 years, 2 months ago

2475365 - EWA report is missing sections "Database server load from expensive SQL statements" and "Database and ABAP Load Optimization"

There is a section for in EWA for OPTION D ..Specific for Microsoft

upvoted 2 times

  **ITBR** 3 years, 1 month ago

ECC is still not migrated, therefore there will be no DB and ABAP Load Optimization on EWA (yet).

As it is, A and C should be the correct answers.

upvoted 3 times

  **shrita** 3 years, 2 months ago

A&C should be answer

upvoted 3 times

  **Bhanuxyz** 3 years, 2 months ago

A & C should be correct answers.

upvoted 4 times

  **RAVI_BASIS** 3 years, 5 months ago

A and C looks correct. there is no section "Database and ABAP Load Optimization" in EWA report

upvoted 4 times

  **jayaramanmanivannan** 3 years, 2 months ago



ravi ji can you share your email id please

upvoted 2 times

  **Yogesh_g_w** 3 years, 5 months ago

I think A and C looks relevant in EWA, There is no section called DATABASE or ABAP optimization , there is section like Database analysis ..Please suggest what should we answer in exam, If any body of you have written exam recently

upvoted 3 times

  **khadar** 3 years, 5 months ago

A and D. Apart from Hardware capacity it gives information on DB load and also ABAP load which SQL queries can be optimized.

upvoted 1 times

  **GiuseppeF** 3 years, 5 months ago

A and C should be the right answers. These sections of EW contain the info to size Virtual Machine of the system in Azure

upvoted 3 times

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

Suggested Answer: D

Site Recovery is used to manage and orchestrate disaster recovery of on-premises machines and Azure VMs. However, it can also be used for migration.

Migration uses the same steps as disaster recovery with one exception. In a migration, failing machines over from your on-premises site is the final step. Unlike disaster recovery, you can't fail back to on-premises in a migration scenario.

References:

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

Community vote distribution

D (100%)

🗳️ **VenuReddy** Highly Voted 4 years, 3 months ago

ASR can be used to SAP Application migration, but it cant be used for DB migration.

upvoted 12 times

🗳️ **magic22cn** Highly Voted 4 years, 4 months ago

The answer is right: <https://www.microsoft.com/en-us/itshowcase/strategies-for-migrating-sap-systems-to-microsoft-azure>

upvoted 9 times

🗳️ **4c78df0** Most Recent 7 months, 1 week ago

Selected Answer: D

correct

upvoted 1 times

🗳️ **Rarun_6** 3 years, 10 months ago

Minimizes Downtime is key in the question so Azure site recovery

upvoted 2 times

🗳️ **Shub94** 3 years, 10 months ago

I will go with ASR

upvoted 2 times

🗳️ **Bhagirathi** 3 years, 11 months ago

ASR is an alternative here.

upvoted 1 times

🗳️ **Bhagirathi** 4 years ago

No best choice - other than ASR..can someobe confirm ?

upvoted 1 times

🗳️ **nkpinto** 4 years, 1 month ago

Question specifically mentions "SAP Application server" so my pick will be ASR

upvoted 4 times

🗳️ **Sarah5902** 4 years, 3 months ago

ASR can be used as migration purpose, too.



upvoted 5 times

🗳️ **DT21** 4 years, 4 months ago

Azure site recovery is not recommended for migration as per the below link , which says.
"Site Recovery should be used for disaster recovery only, and not migration."

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

Does anyone know correct answer
upvoted 2 times

  **gills** 3 years, 9 months ago

For Application Servers, it is a correct option for migration. The url you posted also says the following " If you're already using Azure Site Recovery, and you want to continue using it for migration, follow the same steps that you use for disaster recovery."

So it is not about not supported for DR only.
upvoted 2 times

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

Suggested Answer: D

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 collect and presents information that is necessary to monitor database backups.

References:

<http://www.saptransactions.com/codes/OS07N/>

Community vote distribution

D (100%)

🗳️ 👤 **SAP_Explorer** Highly Voted 4 years, 5 months ago

Ans: OS07N

upvoted 10 times

🗳️ 👤 **VenuReddy** Highly Voted 4 years, 3 months ago

OS07N (old systems ST06)

upvoted 6 times

🗳️ 👤 **4c78df0** Most Recent 7 months, 1 week ago

Selected Answer: D

correct

upvoted 1 times

🗳️ 👤 **Shub94** 3 years, 10 months ago

D. OS07N

upvoted 4 times

🗳️ 👤 **Bhagirathi** 3 years, 11 months ago

OS07N 200 %

upvoted 4 times

🗳️ 👤 **askrajasekhar** 4 years, 1 month ago

OS07N IS THE RIGHT ANSWER

upvoted 4 times

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

Suggested Answer: B

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 SAP-centric 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.

References:

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

Community vote distribution

B (100%)

🗳️ 👤 **Buddys** Highly Voted 4 years, 5 months ago

the SAP Solution Manager is correct answer
upvoted 15 times

🗳️ 👤 **Samy1782** 4 years, 1 month ago

What if Managed system setup is not configured in SolMan? From License details, we can surely say which systems are part of landscape.
upvoted 2 times

🗳️ 👤 **RishiDas** Highly Voted 4 years, 1 month ago

SAP License information shows all the licenses which the organization has purchased, not necessarily deployed. Hence I think Solution Manager is the correct option.
upvoted 6 times

🗳️ 👤 **4c78df0** Most Recent 7 months, 1 week ago

Selected Answer: B
correct
upvoted 1 times

🗳️ 👤 **Shub94** 3 years, 10 months ago

I will go with B. the SAP Solution Manager
upvoted 5 times

🗳️ 👤 **Bhagirathi** 4 years ago

There are ways to it...
but preferable choice is Solution Manager - which provides all satellite system info.

making sense ??? or you differ..
upvoted 3 times

🗳️ 👤 **AnneStark_8** 4 years, 1 month ago

At work, I use SAP Solution Manager to view all systems

hence I believe that B. the SAP Solution Manager is correct.

upvoted 5 times

  **Avanade2023** 4 years, 2 months ago

Who can tell me where the SAP license Information saved, and how it is up to dated?

upvoted 1 times



  **VenuReddy** 4 years, 3 months ago

Ans : SAP License information.

We can plan and migrate SAP Applications without the need/help of SAP Solution Manager.

LMDB is not mandatory ever since the Maintenance Planner has come into existence.


upvoted 1 times

  **Kapsy** 4 years, 4 months ago

Ans - B (Solution Manager)



LMDB has all the Technical system information which are in the landscape.

upvoted 4 times

  **RAVI_BASIS** 4 years, 5 months ago

Should be A option

upvoted 1 times

  **SAP_Explorer** 4 years, 5 months ago

Ans: SAP license Information

upvoted 4 times

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 query views from SAP HANA Studio.

Does this meet the goal?

A. Yes

B. No

Suggested Answer: B

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>

Community vote distribution

A (100%)

 **Sourabh1703** Highly Voted 5 years ago

Answer is Yes, it can be checked using queries in HANA Studio as well.


upvoted 13 times

 **SteveChai** 4 years, 4 months ago

you are right, refer to <http://sapposts.com/sap-hana-cpu/>

SQL: "HANA_Resources_CPUAndMemory_History" Among others this SQL statement is able to check for current and historic CPU consumption on a granular basis. It displays the CPU utilization (in %), the number of CPUs busy with user activities, the number of CPUs busy with system activities and the number of idle CPUs.

upvoted 3 times

 **sap_umesh** Highly Voted 4 years, 10 months ago

1969700 - SQL Statement Collection for SAP HANA

Ans- Yes

upvoted 8 times

 **enginninno** Most Recent 9 months ago

The Load graph might show high CPU consumption, or high consumption in the past.

<https://learn.microsoft.com/en-us/azure/sap/large-instances/hana-monitor-troubleshoot#cpu>

Yes - SAP HANA Studio.

upvoted 2 times

 **petercorn** 2 years, 5 months ago

Selected Answer: A

In SAP HANA Studio, go to Administration Console: Alerts: Show: all alerts. This tab will show all SAP HANA alerts for values (free physical memory, CPU use, and so on) that fall outside the set minimum and maximum thresholds.

upvoted 1 times

 **Thatoom** 3 years, 6 months ago

Selected Answer: A

I agree,

Answer is Yes,

upvoted 1 times

 **Hardikm007** 4 years, 3 months ago

On exam dated 25.03.2021. Same questions and options. Part of set and cannot review

upvoted 1 times

🗨️ 👤 **Shub94** 4 years, 4 months ago

Answer: Yes

upvoted 3 times

🗨️ 👤 **Azure1971** 4 years, 4 months ago

The answer is Yes,

You have recently updated your HANA Studio version 2.3.28 or higher. Then You don't see the "load" tab in HANA Studio ("Administration" -> "Performance" -> "Load"). If you are above this revision, you can still use the monitoring view "M_LOAD_HISTORY_SERVICE".

2604214 - "system load" tab missing in HANA Studio

upvoted 3 times

🗨️ 👤 **SteveChai** 4 years, 4 months ago

I also confuse on this question. In HANA studio, I can see CPU usage. But, it didn't provide the

"CPU metrics from the last 24 hours" from the instance.. I guess, the answer is NO, right ?

upvoted 1 times

🗨️ 👤 **Bhagirathi** 4 years, 6 months ago

YES we can see CPU stats in HANA Studio.

upvoted 3 times

🗨️ 👤 **SOUMALYASEN89** 4 years, 6 months ago

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

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

So answer is Yes

upvoted 4 times

🗨️ 👤 **SteveChai** 4 years, 4 months ago

I checked the SAP HANA studio,

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

Yes, I can see the CPU usage there, but, the question is asking for last 24 hours from the instance.

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

In the Load tab under Performance, I couldn't see the [System] CPU there.

Since the question is asking for last 24 hours for CPU usage from the instance. The answer should be NO, right ? as i couldn't get the last 24 hours of CPU usage in HANA studio.

upvoted 1 times

🗨️ 👤 **SteveChai** 4 years, 4 months ago

Found this URL - <https://docs.microsoft.com/en-us/azure/virtual-machines/workloads/sap/hana-monitor-troubleshoot>

Look like, x-scale, can set 4h/1d (which should able to provide 24 hours CPU usage metric)

upvoted 5 times

🗨️ 👤 **Kapsy** 4 years, 11 months ago

Ans - Yes.

upvoted 4 times

🗨️ 👤 **RAVI_BASIS** 4 years, 11 months ago

Ans is Yes

upvoted 4 times

🗨️ 👤 **schalke04** 5 years ago

Ans: YES

upvoted 4 times

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 run SAP HANA Quick Sizer.

Does this meet the goal?

A. Yes

B. No

Suggested Answer: B

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>

Community vote distribution

B (100%)

  **smudo1965** 10 months, 2 weeks ago

Selected Answer: B

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

upvoted 1 times



  **petercorn** 1 year, 12 months ago

Selected Answer: B

Use the Quick Sizer tool to get information, guidelines, and tools for sizing your front-end and back-end servers.

https://help.sap.com/docs/SAP_S4HANA_ON-PREMISE/22bbe89ef68b4d0e98d05f0d56a7f6c8/067579ee1f7f4ffba00c4abd9bc6f832.html

upvoted 2 times

  **Shub94** 3 years, 10 months ago

Answer: No

upvoted 2 times

  **Bhagirathi** 3 years, 11 months ago

NO - 200 %

upvoted 3 times

  **Jeejay007** 4 years, 1 month ago

Ans is No. SAP HANA Quick Sizer is used for initial sizing of the SAP landscape based on SAPS.

upvoted 2 times

  **Austinnguyen** 4 years, 2 months ago

Ans is No. Quick Sizing is used for initial sizing. It can't be used to monitor the system and hence you can't use it for gathering CPU metrics.

upvoted 3 times

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

Suggested Answer: A

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>



  **mcakir** Highly Voted 4 years, 7 months ago



The correct answer is YES. Please check the blog "How to use SAP HANA cockpit performance monitor & analysis apps to monitor/analyze heavy query issue" from the below link. You will see the CPU performance counters.



<https://blogs.sap.com/2019/12/04/how-to-use-sap-hana-cockpit-performance-monitor-analysis-apps-to-monitor-analyze-heavy-query-issue/>
upvoted 8 times



  **Bhagirathi** 4 years, 6 months ago
no where it talks about CPU thing here.
upvoted 1 times



  **SteveChai** Highly Voted 4 years, 4 months ago
Answer is Yes, it can be found via DBACOCKPIT, here is the steps
DBACOCKPIT -> Performance -> Load History
You can select the Time Frame (Last 24 Hours)
upvoted 8 times

  **enginninno** Most Recent 9 months ago
DBA Cockpit overview
upvoted 1 times

  **Sjn9** 4 years, 1 month ago
I agree with Yes
upvoted 4 times

  **Bhagirathi** 4 years, 6 months ago
I dont find it in DBACOCKPIT transaction but we can find it from HANA Studio.
in this case - answer should be NO.
upvoted 1 times

  **Deepk12493** 4 years, 5 months ago
Under DBACOCKPIT -> Performance -> Load History and one of the KPI is CPU
upvoted 5 times

  **Bhagirathi** 4 years, 5 months ago
OK

then YES
upvoted 5 times

🗨️ 👤 **Azure1971** 4 years, 4 months ago

Yes you can find CPU history under DBACOCKPIT -> Performance -> Load History and one of the KPI is CPU
upvoted 4 times

🗨️ 👤 **r05han** 4 years, 6 months ago

referring to SAP Note 2222110, answer should be 'yes'.
upvoted 3 times

🗨️ 👤 **VenuReddy** 4 years, 9 months ago

Yes....DBACOCKPIT presents the HANA Studio view and a different layout.
upvoted 4 times

🗨️ 👤 **RAVI_BASIS** 4 years, 11 months ago

Ans is No. cant find CPU metrics from dbacockpit
upvoted 1 times

🗨️ 👤 **maybelline_ny** 4 years, 10 months ago

I'm sure I've seen cpu usage in the dbacockpit. Reference here
https://help.sap.com/saphelp_qim100/helpdata/en/4f/5450866d8f4148978cab493f303b0/frameset.htm
upvoted 4 times

🗨️ 👤 **Kapsy** 4 years, 10 months ago

DBACOCKPIT has Load history menu which shows the metrics for several KPIs and one of them is CPU.
<https://help.sap.com/viewer/6b8fe8492ce14d24af5855c3d10701e3/118/en-US/6150e80fe56642d59c1544cb4cf0df69.html>
upvoted 7 times

🗨️ 👤 **Kalyansarkar** 5 years ago

DBA Cockpit video - <https://www.sap.com/assetdetail/2017/12/fc517bf4-e27c-0010-82c7-eda71af511fa.html>
upvoted 5 times

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 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

Suggested Answer: B

Instead use Azure Site Recovery to migrate.

Reference:

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

 **GiuseppeF** Highly Voted 1 year, 5 months ago

The correct answer is B. The migration to SAP Hana required to: convert all systems to Unicode; upgrade to SAP Release supported on Hana.
upvoted 17 times

 **Bhagirathi** Most Recent 1 year ago

it is B.

upvoted 3 times

 **VenuReddy** 1 year, 3 months ago

B...yes, SAP HANA required Unicode

upvoted 3 times

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

Suggested Answer: A

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>

Community vote distribution

A (100%)

 **Sourabh1703** Highly Voted 4 years ago

HANA-certified indicates systems need to move to HANA, it is not possible to use ASR, SWPM/DMO should be used instead, answer is NO
upvoted 20 times

 **AS007** Highly Voted 3 years, 11 months ago

The question is - can you use Azure Migrate - Answer is YES

They are not asking for best practice or time saving - else the answer would have been no.

There are 10 ways to do a thing - you can't reject one method over another.

upvoted 10 times

 **khadar** 3 years, 11 months ago

For migration of any DB to HANA as mentioned by other users it is must to use DMO.

upvoted 5 times

 **d0bermannn** 2 years, 9 months ago

<https://azure.microsoft.com/en-us/resources/migration-methodologies-for-sap-on-azure/>

says that both classical and dmo path can be used for target db hana

so yes

upvoted 1 times

 **d0bermannn** 2 years, 9 months ago

<https://azure.microsoft.com/en-us/resources/migration-methodologies-for-sap-on-azure/>

says that both classical and dmo path can be used for target db hana

so yes

upvoted 1 times

 **ITDog99** Most Recent 1 year ago

Where from the question talk about HANA migration?

Modern ChatGPT can be used to answer 1+1 = ? math question.

HANA-certified Azure environment (VM) can also store non HANA SAP system.

Ans: Yes

upvoted 1 times

 **Kaiju** 3 years, 3 months ago

I think the answer is NO; for the following reason

HANA-certified implies Unicode. One can upgrade to Netweaver 7.4 without being forced to switch the Unicode ("SAP NetWeaver 7.40 is the last

release supporting non-Unicode"). Without Unicode, the System is not Hana-Certified, regardless how is moved to Azure.

upvoted 4 times

🗨️ 👤 **gills** 3 years, 3 months ago

This is about migrating app servers. Hence the upgrade to 7.4 and lift and shift .

ASR can be used for this. This is not about DB migration.

Answer is yes.

upvoted 3 times

🗨️ 👤 **Shub94** 3 years, 4 months ago

Answer is NO

upvoted 2 times

🗨️ 👤 **Bhagirathi** 3 years, 6 months ago

It is NO.

Request you guys - not to confuse everyone .

upvoted 3 times

🗨️ 👤 **imadedakir** 3 years, 6 months ago

I think the answer is No: if you migrate SAP environment to HANA you need to upgrade to SAP NetWeaver 7.4, and then you migrate SQL database to HANA using DMO, for Azure Site Recovery you can use it to migrate the other SAP application servers.

upvoted 4 times

🗨️ 👤 **nkpinto** 3 years, 7 months ago

My pick is No, its mentioned target as HANA in Azure, on-prem is SAP NW7.4, u will not use ASR for migration to HANA on Azure. ASR is more of Lift&Shift approach

upvoted 3 times

🗨️ 👤 **nkpinto** 3 years, 7 months ago

On 2nd thought I was thinking question didn't mentioned anything about migration to HANA, its just written "HANA Certified Hardware" , so ASR can be used to migrate to VM type which is actually HANA certified ..right ? Experts any ideas ? or my hypothesis is wrong ? Quiet confusing for me.

upvoted 3 times

🗨️ 👤 **Bhanuxyz** 3 years, 7 months ago

yes is correct.

upvoted 2 times

🗨️ 👤 **Samy1782** 3 years, 8 months ago

ASR is for same os-db env,,here we are talking sql to hana ,,so NO..Either SWPM or DMO with system move

upvoted 2 times

🗨️ 👤 **kktg** 3 years, 9 months ago

Answer is :yes, Because Solutionis proposed: You upgrade to SAP NetWeaver 7.4 first , and then you migrate SAP to Azure by using Azure Site Recovery , in question there nothing mentioned DMO tool if DMO tool then answer is No. But here using site recovery.

upvoted 3 times

🗨️ 👤 **VenuReddy** 3 years, 9 months ago

Answer is NO.. all systems must be Unicode in order to migrate to SAP HANA

upvoted 2 times

🗨️ 👤 **SRAJAT** 3 years, 10 months ago

Answer is NO. For Any DB to HANA you need DMO

upvoted 2 times

🗨️ 👤 **Kapsy** 3 years, 11 months ago

Ans - No.

This scenario needs, migration using DMO.

upvoted 3 times

🗨️ 👤 **McDee** 3 years, 11 months ago

Ans is NO, neither upgrade before nor after. Instead upgrade along with migration using DMO. Also move from MS platform to HANA

upvoted 3 times

🗨️ 👤 **khadar** 3 years, 11 months ago

ASR has issue with migration of data related to DB and logfiles as it can't maintain the data consistency so you have to use only SWPM/DMO and also the question mentioned that it has both unicode and nonunicode systems so only SWPM/DMO can do the conversion.

upvoted 2 times

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

Suggested Answer: B


We need upgrade to SAP NetWeaver 7.4 before the migration.

Reference:

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

Community vote distribution



B (100%)

  **4c78df0** 7 months, 1 week ago

Selected Answer: B

correct

upvoted 1 times

  **PrashantSG1977** 3 years, 6 months ago

NW7.0X ABAP is supported on Azure

NW 7.1/7.4 ABAP and JAVA is supported on Azure (1928533)

ASR can be used for SQL Server Migration.

Here if its ABAP stack then ASR can be used to Migrate to Azure and then using DMO upgrade/Migrate to 7.4/HANA

Through ASR Migrate to Azure and then carry out DMO for NW7.4/HANA

If JAVA stack then upgrade needed before moving to Azure.

upvoted 1 times

  **shaark18** 3 years, 6 months ago



Correct Answer: B

We need upgrade to SAP NetWeaver 7.4 before the migration.

Reference:

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

upvoted 1 times

  **Sjn9** 3 years, 7 months ago


The given answer is correct.

upvoted 2 times

  **Shub94** 3 years, 10 months ago

Answer: NO

upvoted 2 times

  **SteveChai** 3 years, 10 months ago

Answer is B, need to upgrade first then only migrate to Azure. Confirm is B.

upvoted 2 times

  **Bhagirathi** 4 years ago

it is big NO.

upvoted 2 times

  **Jeejay007** 4 years, 1 month ago

It's a typical any DB to HANA migration and requires DMO process to convert to flat file before migrating to HANA cannot use ASR for such migration. Also must be upgraded to NW 7.4 for Unicode . Answer is NO.

upvoted 2 times

  **GiuseppeF** 4 years, 5 months ago

Correct answer B. Is not possible to run in Azure a SAP Java System based on NW 7.0 (min 7.1) (Note 1928533)

upvoted 3 times

HOTSPOT -

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.

Hot Area:

Answer Area

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	

Answer Area

Suggested Answer:

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	

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>

 **Sourabh1703**  4 years ago

for HANA DB, HSR (system replication) is quicker than system copy, hence that should be the answer for second question
upvoted 26 times

 **Krishore** 2 years, 9 months ago



HSR is available only for high availability with in Azure but its not recommended for migration

upvoted 3 times

  **hogtrough** 8 months ago

This is not true. HSR is a replication tool that has multiple uses including HA. I've been migrating people to the cloud for years using HSR.

upvoted 1 times

  **PS324** 1 year, 5 months ago

We did migrate using HSR



upvoted 1 times

  **pkum**  3 years, 12 months ago

The answers appears correct. The ask is migration and not Replication. HSR is best suited for replication. However System Copy during migration.



Please refer: <https://wiki.scn.sap.com/wiki/display/SL/System+Copy+Guides>

upvoted 13 times

  **khadar** 3 years, 11 months ago

Also we need to consider the cost of HSR between onpremise to Azure which is expensive.

upvoted 2 times

  **khadar** 3 years, 11 months ago

correction: you have to HSR to minimize the downtime.

upvoted 6 times

  **udia**  7 months, 1 week ago

it might theoretically be true, but in practice performing migration with hana replication is just better. set it to async, so it wont harm the performance of the source, and you have a live copy, so you can minimize downtime... I dont see any reason to use backup/restore (which is practically homogenous system copy) instead of replication

upvoted 2 times

  **ukocloud** 9 months ago

I think HSR should be better. We are talking about 4 TB so if we use system copy is going to take big downtime. Replication can work while the system is online.

upvoted 1 times

  **ITDog99** 1 year ago

the question concern is "minimize downtime" but not "fast"

And "fast" do not mean short downtime.

with HSR, the downtime during migration is less than system copy. Just a simple take over action during migration cutover.

with System Copy, you need to you need to down system throughout the whole DB export/import or backup/restore operation.

=> HSR over System Copy

upvoted 1 times

  **petercorn** 1 year, 5 months ago

ASR, HSR

<https://learn.microsoft.com/en-us/training/modules/implement-disaster-recovery-for-sap-workloads-azure/10-knowledge-check>

upvoted 1 times

  **pawai** 2 years, 5 months ago

ASR,HSR

upvoted 4 times

  **legends** 3 years ago

The answer appears correct to me. I have also cross checked with the book that I am reading SAP on Microsoft Azure: Architecture and Administration By: Ravi Kashyap

upvoted 3 times

  **Sjn9** 3 years, 1 month ago

ASR, HSR

upvoted 5 times

  **Kaiju** 3 years, 3 months ago

ASR and HSR for minimum downtime (Asynchronous replication to the standby (target) HANA, followed by failover to target HANA).

upvoted 4 times

🗨️ 👤 **gills** 3 years, 3 months ago

Answer is correct. HSR is for creating a DR and this is not about which is faster. This is about migration.

SS

upvoted 3 times

🗨️ 👤 **gills** 3 years, 3 months ago

The cloned system can be built with a homogeneous system copy (backup/restore) or via DBMS replication tools (e.g. Oracle Data Guard or SQL Always-On).

upvoted 3 times

🗨️ 👤 **Shub94** 3 years, 4 months ago

Answer: ASR, HSR

upvoted 3 times

🗨️ 👤 **jayrush** 3 years, 5 months ago

100% ASR and HSR for this

upvoted 4 times

🗨️ 👤 **challapalli** 3 years, 7 months ago

ASR, HSR

upvoted 4 times

🗨️ 👤 **gks8** 3 years, 8 months ago

HANA HSR (system replication) is part of exiting Suse cluster i.e. OnPremise. TO move HA/DR HANA nodes to Azure also we will need system copy. System Replication cannot be correct.

upvoted 3 times

🗨️ 👤 **Kapsy** 3 years, 11 months ago

Ans - ASR and HSR.

upvoted 8 times

🗨️ 👤 **Yogesh_g_w** 3 years, 11 months ago

HSR is the right answer.

upvoted 4 times

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 Alert report
- B. Azure Advisor
- C. the SAP HANA sizing report
- D. Azure Stack Edge

Suggested Answer: B

Azure Advisor provides recommendations for Application Gateway, App Services, availability sets, Azure Cache, Azure Data Factory, Azure Database for MySQL,

Azure Database for PostgreSQL, Azure Database for MariaDB, Azure ExpressRoute, Azure Cosmos DB, Azure public IP addresses, SQL Data Warehouse, SQL servers, storage accounts, Traffic Manager profiles, and virtual machines.

Note: Advisor is a personalized cloud consultant that helps you follow best practices to optimize your Azure deployments. It analyzes your resource configuration and usage telemetry and then recommends solutions that can help you improve the cost effectiveness, performance, high availability, and security of your Azure resources.

With Advisor, you can:

Get proactive, actionable, and personalized best practices recommendations.

Improve the performance, security, and high availability of your resources, as you identify opportunities to reduce your overall Azure spend.

Get recommendations with proposed actions inline.

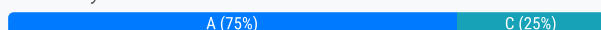
Incorrect Answers:

A: The SAP EarlyWatch report is a monitoring tool that monitors the essential administrative areas of SAP components and keeps you up to date on their performance and stability. SAP EarlyWatch Alert runs automatically to keep you informed, so you can react to issues proactively, before they become critical.

Reference:

<https://docs.microsoft.com/en-us/azure/advisor/advisor-overview>

Community vote distribution



d0bermannn Highly Voted 3 years, 2 months ago
1st SAP EarlyWatch Alert, 2nd Azure Advicer, so A.
upvoted 7 times

4c78df0 Most Recent 7 months, 1 week ago
Selected Answer: A
A is correct.
upvoted 1 times

srishigupta 1 year ago
A is correct.
upvoted 1 times

chandra66 1 year, 5 months ago
Yes Azure Advisor can not be an answer here, the Answer is A EAR please correct it its a misleading answer
upvoted 1 times

dnt91 1 year, 8 months ago
Selected Answer: A
Advisor is not an option as the resource currently doesn't exist .
upvoted 2 times

ITDog99 1 year, 6 months ago
exactly and make sense.
upvoted 1 times

🗨️ 👤 **petercorn** 1 year, 12 months ago

Selected Answer: C

<https://www.sap.com/about/benchmark/sizing.html>

upvoted 1 times

🗨️ 👤 **MartinCa09** 1 year, 7 months ago

it's homogenous migration of MSSQL, HANA sizing can't be used here.

upvoted 1 times

🗨️ 👤 **Nandan_BT** 2 years, 11 months ago

question talk about gather information for sizing. Hence Answer is EWA - A

upvoted 3 times

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

Suggested Answer: C

🗨️ 👤 **littalcat** 9 months, 2 weeks ago

C:M-Series

Memory optimised virtual machines

<https://azure.microsoft.com/en-in/pricing/details/virtual-machines/series/>

upvoted 1 times

🗨️ 👤 **apek88** 1 year, 4 months ago

C: M-Series

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

upvoted 3 times

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

Suggested Answer: B

We need upgrade to SAP NetWeaver 7.4 before the migration.



Reference:

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

  **look1** 11 months, 1 week ago

Where the requirement of Netweaver 7.4 is mentioned in the documentation?

upvoted 1 times

  **SunilB** 2 years, 2 months ago

Correct

upvoted 1 times

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.

Hot Area:

Answer Area

From:

- SAP GUI
- SAP Solution Manager
- A SAP Solution Manager work center

Run the:

- SAP Quick Sizer
- Transaction ST06
- SAP EarlyWatch report

Suggested Answer:**Answer Area**

From:

- SAP GUI
- SAP Solution Manager
- A SAP Solution Manager work center

Run the:

- SAP Quick Sizer
- Transaction ST06
- SAP EarlyWatch report

Reference:

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

 **Vcr60** Highly Voted 3 years, 8 months ago

I'd choose: A SAP Solution Manager work center/ SAP EarlyWatch report

SAP Note 2484589

upvoted 8 times

 **pawai** Highly Voted 3 years, 5 months ago

solution manager, early watch

upvoted 5 times

🗄️ 👤 **steveethai** Most Recent 1 year ago

correction to my previous answer. it should be C and C

upvoted 1 times

🗄️ 👤 **steveethai** 1 year, 1 month ago

i also choose A

upvoted 1 times

🗄️ 👤 **shavik** 2 years, 1 month ago

GUI and early watch report

upvoted 1 times

🗄️ 👤 **QuattroAce** 2 years, 9 months ago

Solution manager and early watch

upvoted 3 times

🗄️ 👤 **princekost** 3 years, 9 months ago

SAP GUI / ST06

upvoted 2 times

🗄️ 👤 **jorgenoguerah** 3 years, 8 months ago

ST 06 has historical data? EWA does

upvoted 2 times

🗄️ 👤 **d0bermannn** 3 years, 8 months ago

ST06 is used on old systems, do solman wc + sewr lookd better

upvoted 1 times

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

Suggested Answer: A

Community vote distribution

A (100%)

🗲️ 👤 **4c78df0** 7 months, 1 week ago

Selected Answer: A

correct

upvoted 1 times

🗲️ 👤 **corioto2c21** 1 year, 4 months ago

Is correct

upvoted 1 times

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

Suggested Answer: B

Community vote distribution

C (67%)

B (17%)

D (17%)

 **ZhanLee** 7 months ago

Selected Answer: D

Log shipping can only be used if the source DB is also MSS (replication).

Indexes are not exported via migration/heterogeneous system copy, deleting indexes does not change anything.

DMO cannot be used for target database MSS.

Table spitting makes sense for export big tables

Imho, correct answer is D


upvoted 2 times

 **4c78df0** 7 months, 1 week ago

Selected Answer: C

Answer is C.

upvoted 2 times

 **4c78df0** 7 months, 1 week ago

Answer is C.

upvoted 2 times

 **Mingzhang** 9 months ago

Selected Answer: C


deleting index is not a database migration approach

upvoted 1 times

 **ukocloud** 1 year, 3 months ago

If you need to minimize export stage it doesn't make sense to delete secondary indexes that are used for better reading. I will say D table splitting. It's tru that DMO can only be used if your target database is HANA or Sybase ASE


upvoted 1 times

 **pvrhere** 1 year, 5 months ago

Selected Answer: B


I am correcting my answer. It should be B. The index can be deleted prior to export and it can be rebuilt at target if required

upvoted 1 times

 **pvrhere** 1 year, 5 months ago

I think DMO doesn't support migrating from DB2. It could be splitting table or deleting index. Deleting index may affect read performance. So, I think ' Split tables' may be the correct option

upvoted 2 times

 **pvrhere** 1 year, 6 months ago

Selected Answer: C

Various features of DMO helps to reduce downtime
upvoted 2 times

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

Suggested Answer: A

Community vote distribution

C (100%)

  **nilsson123** 4 months ago

Selected Answer: C

C. SAP Quick Sizer for HANA. This tool is specifically designed to help you determine the appropriate sizing for SAP Business Suite on HANA by analyzing your current workload and providing recommendations for the target environment.

upvoted 1 times

  **smudo1965** 12 months ago

Selected Answer: C

Following this

[https://www.leanix.net/en/wiki/ea/what-is-s4hana-](https://www.leanix.net/en/wiki/ea/what-is-s4hana-cloud#:~:text=S%2F4HANA%20Cloud%3F-,SAP%20S%2F4HANA%20Cloud%20is%20a%20Software%2Das%2Da,available%20as%20cloud%20ERP%20software)

[cloud#:~:text=S%2F4HANA%20Cloud%3F-,SAP%20S%2F4HANA%20Cloud%20is%20a%20Software%2Das%2Da,available%20as%20cloud%20ERP%20software](https://www.leanix.net/en/wiki/ea/what-is-s4hana-cloud#:~:text=S%2F4HANA%20Cloud%3F-,SAP%20S%2F4HANA%20Cloud%20is%20a%20Software%2Das%2Da,available%20as%20cloud%20ERP%20software) and this

https://assets.dm.ux.sap.com/TechEd/TechEd_Vegas2019/pdf/CAA303_Presentation.pdf?source=social-Global-brandteched-YOUTUBE-MarketingCampaign-Developers-SAPS4HANACloud-SAPTechEd-SAPTechEd20-spr-3368941760&campaigncode=CRM-YD20-SOC-SAPTECHED20

it should be C

upvoted 2 times

  **srishigupta** 1 year ago

As customer is migrating to Azure not to SAP cloud-based solutions/services it should be C.

upvoted 3 times

  **ukocloud** 1 year, 3 months ago

I think is C

upvoted 2 times


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

Suggested Answer: *D*

  **fenth7** 9 months ago

ST06 only for old systems. has been replaced by OS07N.

<https://blogs.sap.com/2015/05/19/old-st06-and-new-st06/>

upvoted 3 times

HOTSPOT

-

You plan to deploy a scale-out SAP HANA deployment on Azure virtual machine 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 Area

Global transport directory: ▼

- Azure shared disks
- Azure NetApp Files
- Azure Premium Files

HANA database and log: ▼

- Azure shared disks
- Azure NetApp Files
- Azure Premium Files

Answer Area

Suggested Answer:

Global transport directory: ▼

- Azure shared disks
- Azure NetApp Files
- Azure Premium Files

HANA database and log: ▼



- Azure shared disks
- Azure NetApp Files
- Azure Premium Files

👤 **stevehai** 1 year ago
correction to my previous. answers should be C (Premium), B (NetApp)
<https://learn.microsoft.com/en-us/azure/sap/workloads/planning-guide-storage>
upvoted 1 times



👤 **stevehai** 1 year ago
answers should be => for global transport directory in sap should be shared , for /hana/data ,/log should be premium
upvoted 1 times



👤 **smudo1965** 1 year, 6 months ago
Following the link by ITDog99
A: Azure Premium Files
B: NetApp Files
upvoted 2 times

👤 **ukocloud** 1 year, 9 months ago
I think the first is netapp and the second premium.
Check the links
<https://learn.microsoft.com/en-us/azure/sap/workloads/sap-hana-high-availability-scale-out-hsr-suse>
<https://learn.microsoft.com/en-us/azure/sap/workloads/hana-vm-operations-storage>
upvoted 3 times

  **srishigupta** 1 year, 10 months ago
/hana/data and /hana/log currently can't be shared.

<https://learn.microsoft.com/en-us/training/modules/explore-azure-compute/6-examine-azure-virtual-machine-scaling-considerations>
upvoted 1 times

  **ITDog99** 2 years ago
Answer is here:
<https://learn.microsoft.com/en-us/azure/sap/workloads/planning-guide-storage>
upvoted 2 times

  **doeeyedmonster** 2 years, 2 months ago
I think for it's supposed to be both Azure NetApp Files for the following reasons:
Global Transport Directory
Azure shared disks is only used for Windows Custers.
Azure Premium Files can be used for this but it's not HANA certified.
ANF is HANA certified and can be used for this directory.

HANA Database and Log

Azure shared disks. again, is only used for Windows Clusters.

Azure Files or Azure Premium Files isn't supported as storage for DBSM data and/or redo log files with SAP workload.

For DBMS deployments, MS highly recommends Azure premium storage (v1 and v2), Ultra disk or Azure NetApp Files based NFS shares for any data, transaction log, or redo files.

upvoted 2 times

Your company has 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 builds 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 Import/Export service
- B. Azure Migrate
- C. Azure Data Box
- D. Azure Site Recovery

Suggested Answer: A

Community vote distribution

C (100%)

🗳️ 👤 **Andrea_bass** 4 months, 3 weeks ago

Selected Answer: C

although, probably, the best thing would be Azure Data Box Edge!
upvoted 1 times

🗳️ 👤 **enginninno** 9 months ago

Selected Answer: A

During the export, you can separate only data for Contoso and migrate only this part. This will decrease the amount of traffic and allow you to get only Contoso data in Azure.
upvoted 1 times

🗳️ 👤 **stevehai** 1 year ago

answer should be A since data is only 1.5T, if more than 20T, databox should be used
upvoted 2 times

🗳️ 👤 **Ellamas** 1 year, 6 months ago

Selected Answer: C

Needs to transfer a lot of data over the network
upvoted 1 times

🗳️ 👤 **Gabor_Jozsef** 1 year, 10 months ago

Azure Data Box it is.
upvoted 1 times

🗳️ 👤 **ITDog99** 2 years ago


answer:
<https://azure.microsoft.com/en-ca/products/storage/import-export/>

Transferring large volumes of data over a network can take days, weeks, or even months. Avoid the hassle, and ship your physical disks directly to Azure—we'll upload them for you. Take advantage of the Azure Import/Export service for Azure Storage, and accelerate your cloud transition.
upvoted 1 times

  **pvrhere** 2 years ago

Minimal administrative effort for litware means, it should be Databox, isn't it?

upvoted 1 times

  **vmarquez92** 2 years, 2 months ago

I think that the correct answer is C, because you must minimize the network traffic

upvoted 1 times

  **doeeyedmonster** 2 years, 2 months ago

*Microsoft Azure Shared Disks now supports SUSE Linux Enterprise Server for SAP Applications and SUSE Linux Enterprise High Availability Extension 15 SP1 and above.

LINK: <https://www.suse.com/c/azure-shared-disks-exercise-w-sles-for-sap-or-sle-ha/>

upvoted 1 times

HOTSPOT




-

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.

Default Policy ✕

 Edit settings  Associate  Delete

Replication settings

Source type	VMware/Physical machines
Target type	Azure
RPO threshold	60 Minutes
Recovery point retention	24 Hours
App consistent snapshot frequency	120 Minutes

Associated Configuration Servers

Name	Association status	
Config01	✔ Associated	...

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

During the migration, you can fail over to a recovery point taken up to ago.

60 minutes
120 minutes
24 hours
0 minutes

After a planned failover, up to the last of SAP data might be lost.

60 minutes
120 minutes
24 hours
0 minutes

Answer Area


During the migration, you can fail over to a recovery point taken up to ago.

60 minutes
120 minutes
24 hours
0 minutes

Suggested Answer:

After a planned failover, up to the last of SAP data might be lost.

60 minutes
120 minutes
24 hours
0 minutes

 **4c78df0** 7 months, 1 week ago

correct

Based on the "Recovery point retention" setting of 24 hours, you can fail over to a recovery point taken up to 24 hours ago.

Because the "RPO threshold" is set to 60 minutes, up to the last 60 minutes of data might be lost after a planned failover.

upvoted 2 times

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

Suggested Answer: B

Community vote distribution

B (100%)

 **smudo1965** 12 months ago

Selected Answer: B

<https://learn.microsoft.com/en-us/sql/ssma/db2/sql-server-migration-assistant-for-db2-db2tosql?view=sql-server-ver16>

upvoted 1 times

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

Suggested Answer: A

Community vote distribution

D (100%)

🗳️ **stevehai** 1 year ago

answer is correct, A => <https://azuremarketplace.microsoft.com/en-us/marketplace/consulting-services/brams.sapnonsaplandscapeassessmentworkshop5days>
upvoted 1 times

🗳️ **smudo1965** 1 year, 6 months ago

Selected Answer: D

Azure Advisor is wrong
upvoted 1 times

🗳️ **udia** 1 year, 7 months ago

Selected Answer: D

to generate EWA, you need Solution Manager.....
upvoted 1 times

🗳️ **quantus** 2 years ago

I don't know exactly but i didn't heard of SAP EWA Azure Advisory
upvoted 2 times

🗳️ **emiliolucotti** 2 years, 2 months ago

Yes i confirm
upvoted 1 times

🗳️ **emiliolucotti** 2 years, 2 months ago

Need SAP Solution Manager is option D
upvoted 3 times

🗳️ **fenth7** 2 years, 2 months ago

Selected Answer: D

should be SAP solution Manager
<https://userapps.support.sap.com/sap/support/knowledge/en/2987185>
upvoted 3 times

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
Oracle Data Guard can be used to provide high availability of SAP databases on Azure.	<input type="radio"/>	<input type="radio"/>
You can host SAP databases on Azure by using Oracle on a virtual machine that runs Windows Server 2016.	<input type="radio"/>	<input type="radio"/>
You can host SAP databases on Azure by using Oracle on a virtual machine that runs SUSE Linux Enterprise Server 12 (SLES 12).	<input type="radio"/>	<input type="radio"/>

Answer Area**Suggested Answer:**

Statements	Yes	No
Oracle Data Guard can be used to provide high availability of SAP databases on Azure.	<input checked="" type="radio"/>	<input type="radio"/>
You can host SAP databases on Azure by using Oracle on a virtual machine that runs Windows Server 2016.	<input checked="" type="radio"/>	<input type="radio"/>
You can host SAP databases on Azure by using Oracle on a virtual machine that runs SUSE Linux Enterprise Server 12 (SLES 12).	<input checked="" type="radio"/>	<input type="radio"/>

stevehai 6 months, 3 weeks ago

Correction : yes yes,no

upvoted 2 times

1cf90ef 2 months, 2 weeks ago

1. yes

Source:

[Microsoft Learn – SAP on Azure with Oracle](https://learn.microsoft.com/en-us/azure/architecture/example-scenario/apps/sap-production)

> "Oracle Data Guard technologies and architecture for high availability can provide highly resilient SAP environments..."

2. yes 3. no

Source:

[Microsoft Learn – Supported SAP products on Azure](https://learn.microsoft.com/en-us/azure/sap/workloads/supported-product-on-azure#oracle-dbms-support)

> "As guest operating systems only Windows and Oracle Linux qualify."

upvoted 1 times

stevehai 6 months, 3 weeks ago

answers should be => No (RAC is not HA), yes, and last is No (SUSE and Redhat not supported with Oracle on Azure, only Oracle linux is supported.)

upvoted 2 times

ITDog99 1 year, 6 months ago

answer here:



2039619 - SAP Applications on Microsoft Azure using the Oracle Database: Supported Products and Versions

upvoted 1 times



emiliolucotti 1 year, 8 months ago

Answer is no, yes, no

upvoted 3 times

  **fenth7** 1 year, 9 months ago

repeated questions. Should be no, yes, no
upvoted 3 times

  **fenth7** 1 year, 9 months ago

only 2nd and 3rd question repeated. first is YES.
so yes, yes, no (oracle db works only on Oracle Linux, not SLES).
upvoted 8 times

B. a three-year reservation that has instance size flexibility and E. a one-year reservation that has instance size flexibility are both good options to minimize HANA deployment costs.

Option B, a three-year reservation that has instance size flexibility, allows you to reserve a specific instance size for three years at a discounted rate. The instance size flexibility means you can move to a larger virtual machine within the same flexibility group without penalty.

Option E, a one-year reservation that has instance size flexibility, allows you to reserve a specific instance size for one year at a discounted rate. The instance size flexibility means you can move to a larger virtual machine within the same flexibility group without penalty, but you will need to renew the reservation annually to maintain the discounted rate.

upvoted 1 times

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.

Services

Azure Data Box Gateway

Azure Database Migration Service

Azure Migrate

Data Migration Assistant

SAP Database Migration Option (DMO) with System Move

Answer Area


Database:

File share:

Answer Area**Suggested Answer:**

Database: SAP Database Migration Option (DMO) with System Move

File share: Azure Data Box Gateway

 **tmtrg000** 8 months, 1 week ago

Given answer is correct: Data Box Gateway and DMO

upvoted 1 times

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 virtual machine that will host the database
- C. the on-premises database server
- D. the on-premises application server

Suggested Answer: D

Community vote distribution

D (100%)

  **r_bernardo** 7 months, 3 weeks ago

Selected Answer: D

Given answer is correct

upvoted 2 times

You have an on-premises SAP NetWeaver deployment. The deployment has a DB2 data store that contains a 5-TB SAP database.

You plan to migrate the deployment to SQL Server on an Azure virtual machine.

You need to optimize the performance of transaction log write operations during the migration. The solution must NOT affect the I/O quota of the virtual machine.

What should you do?

- A. Place the transaction logs on the temporary disk.
- B. Place the transaction logs on a striped volume of Premium SSD disks.
- C. Place the transaction logs on an Ultra disk.
- D. Enable the write cache for the disk that hosts the transaction logs.

Suggested Answer: B

Community vote distribution

C (100%)

🗨️ **nilsson123** 3 months, 4 weeks ago

Selected Answer: C

C, Options A, B, and D are not as effective in optimizing the performance of transaction log writes while maintaining the I/O quota constraints of the virtual machine.

upvoted 2 times

🗨️ **smudo1965** 10 months, 4 weeks ago

Selected Answer: C

<https://learn.microsoft.com/en-us/azure/sap/workloads/hana-vm-operations-storage>

upvoted 1 times

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 Area

SAP HANA Developer Edition:

SAP S/4 HANA:

Answer Area

Suggested Answer:

SAP HANA Developer Edition:

SAP S/4 HANA:

 **joyees1979** 7 months, 2 weeks ago

I would go with M-series for both. Very few options for D-series for HANA
upvoted 1 times

 **smudo1965** 11 months, 2 weeks ago

Following this given answer os correct

<https://www.sap.com/dmc/exp/2014-09-02-hana-hardware/enEN/#!/solutions?filters=v:deCertified;ve:24;iaas:v:125;v:105;v:99;v:120>
upvoted 2 times

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

Administrators signs in to SLES Azure virtual machines:

▼

Active Directory
Azure AD
Azure Active Directory Domain Services (Azure AD DS)

A user signs in to an SAP NetWeaver application:

▼

Active Directory
Azure AD
Azure Active Directory Domain Services (Azure AD DS)

Answer Area

Suggested Answer:

Administrators signs in to SLES Azure virtual machines:

▼

Active Directory
Azure AD
Azure Active Directory Domain Services (Azure AD DS)

A user signs in to an SAP NetWeaver application:

▼

Active Directory
Azure AD
Azure Active Directory Domain Services (Azure AD DS)

 **enginninno** 9 months ago

Azure AD in both cases. It allows the use of MFA for each way.

- 1) For the integration of Linux and Entra ID, see:
 - 2) For the integration of SAP NetWeaver and Entra ID, see:
- upvoted 1 times

 **smudo1965** 1 year, 4 months ago

Following this given answer is correct:

<https://learn.microsoft.com/en-us/entra/identity/domain-services/join-suse-linux-vm>
upvoted 1 times

HOTSPOT

-

You have an on-premises SAP NetWeaver deployment that runs SUSE Linux Enterprise Server (SLES). The deployment contains 200 GB of files used by application servers stored in an NFS share.

You plan to migrate the on-premises deployment to Azure.

You need to implement an NFS storage solution. The solution must meet the following requirements:

- Ensure that only the application servers can access the storage.
- Support NFS 4.1
- Minimize costs.

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.

Answer Area

Azure service: ▼
Azure Blob storage
Azure Files
Azure NetApp Files

Access control mechanism: ▼
Azure AD authentication
A private endpoint
A shared access signature (SAS) token

Answer Area**Suggested Answer:**

Azure service: ▼
Azure Blob storage
Azure Files
Azure NetApp Files

Access control mechanism: ▼
Azure AD authentication
A private endpoint
A shared access signature (SAS) token

 **smudo1965** 10 months, 3 weeks ago

Answer is correct

<https://learn.microsoft.com/en-us/azure/sap/workloads/high-availability-guide-suse-nfs-azure-files?tabs=lb-portal%2Censa1>
upvoted 1 times

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

Correct Answer: B

Currently there are no comments in this discussion, be the first to comment!

HOTSPOT

-

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 Area

Migration method:
Script
Synchronization

Migration mode:
Full
Default
Optimistic

Answer Area**Suggested Answer:**

Migration method:
Script
Synchronization

Migration mode:
Full
Default
Optimistic

 **smudo1965** 11 months, 2 weeks ago

following this

<https://learn.microsoft.com/en-us/sql/ssma/oracle/setting-project-options-oracletosql?view=sql-server-ver16>

and this

<https://www.mssqltips.com/sqlservertip/6591/oracle-to-sql-server-migration-load-database-objects/>

I would change the first answer to script because the question is talking about several times if running

upvoted 1 times

You have an SAP landscape that is hosted on VMWare.

You plan to migrate an existing SAP landscape to Azure by using Azure Migrate.

You need to configure firewall rules to allow access to the Azure Migrate appliance management app.


To which port should you provide access?

- A. 3900
- B. 44368
- C. 44400
- D. 50014

Suggested Answer: B

Community vote distribution



B (100%)

  **enginninno** 8 months, 4 weeks ago

Selected Answer: B

B

upvoted 1 times

  **BizCTO** 9 months, 1 week ago

<https://<appliance-ip-or-name>:44368>

44368

upvoted 1 times

  **smudo1965** 1 year, 6 months ago

Selected Answer: B

Answer is correct

see here

<https://www.opsramp.com/guides/azure-best-practices/azure-migration-services/>

upvoted 1 times

HOTSPOT

-

You have an on-premises SAP ERP Central Component (SAP ECC) deployment on servers that run Windows Server 2016 and have Microsoft SQL Server 2016 installed.

You plan to migrate the deployment to Azure.

You need to identify which migration method and migration option to use. The solution must minimize downtime of the SAP ECC deployment.

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

NOTE: Each correct selection is worth one point.

Answer Area

Migration method:

Classical migration:
SAP Database Migration Option (DMO):
SAP Database Migration Option (DMO) with System Move:

Migration option:

Parallel
Parallel export/import
Sequential unload and load
Serial

Answer Area

Suggested Answer:

Migration method:

Classical migration:
SAP Database Migration Option (DMO):
SAP Database Migration Option (DMO) with System Move:

Migration option:

Parallel
Parallel export/import
Sequential unload and load
Serial

 **25max** 4 months ago

according to the DMO can be used for the migration.

https://help.sap.com/doc/94e51e0890314b3bb8da5b4ab48ed20b/dmosum20.22/en-US/dmo_of_sum2_to_mssql.pdf

upvoted 1 times

 **enginninno** 8 months, 4 weeks ago

DMO doesn't support homogeneous migration except HANA to HANA.

SAP Note 3431829

upvoted 2 times

 **udia** 1 year, 7 months ago

theres no changing of the DB platform, why would you use DMO?

upvoted 2 times

 **ukocloud** 1 year, 8 months ago

This answer doesn't make sense. There is no migration to HANA so is classical one

upvoted 3 times

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

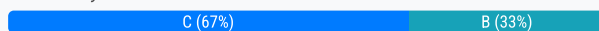
You need to migrate the deployment to an Azure virtual machine that runs Windows Server 2016 and has Microsoft SQL Server 2019 installed.

Which migration method should you use?

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

Suggested Answer: A

Community vote distribution



Levock1 7 months, 4 weeks ago

Selected Answer: A

Lift-and-Shift:

A lift-and-shift approach involves moving the existing SAP system as-is to the cloud with minimal changes. Since you are migrating to an Azure virtual machine with a compatible operating system (Windows Server 2016) and an upgraded version of SQL Server (from SQL Server 2016 to SQL Server 2019), this method allows you to perform the migration relatively seamlessly.

In a lift-and-shift scenario, you would typically back up and restore the SQL Server database, then reconfigure SAP NetWeaver on the target environment in Azure to point to the new SQL Server 2019 instance.

upvoted 2 times

stevethai 1 year ago

I re-correct my answer to => A is correct (as it is actual migration method).

B - (incorrect as it is tool to assess the migration suitability of on-premises servers, perform performance-based sizing, and provide cost estimations for running them in Azure and not method of migration.)

upvoted 1 times

stevethai 1 year ago

B is correct, lift and shift (source=target), so A is incorrect.

upvoted 1 times

rajsosan 1 year, 3 months ago

Selected Answer: B

B.Azure Migrate

<https://learn.microsoft.com/en-us/azure/azure-sql/migration-guides/database/sql-server-to-sql-database-guide?view=azuresql>

upvoted 1 times

smudo1965 1 year, 5 months ago

Selected Answer: C

Lift and Shift does not make sense to me

upvoted 2 times

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.

Actions

Changing the hostname assigned to the operating system

Deallocating the Azure virtual machine

Deleting the Azure virtual machine and recreating a new virtual machine that uses the same disks

Using the Redeploy option from the Azure portal of the Azure virtual machine

Replacing the primary NIC

Answer Area

Windows Server:

Linux:

Suggested Answer:**Answer Area**

Windows Server:

Deleting the Azure virtual machine and recreating a new virtual machine that uses the same disks

Changing the hostname assigned to the operating system

Linux:

Replacing the primary NIC

 **Vipulmehta96** 5 months, 2 weeks ago

Windows:

- Changing Hostname
- Recreating new VM

Linux:

Recreating new VM

Source: <https://techcommunity.microsoft.com/t5/running-sap-applications-on-the/sap-netweaver-licensing-mechanism-in-microsoft-azure-cloud-part/ba-p/465096>

upvoted 2 times

 **enginninno** 8 months, 4 weeks ago

Windows:

- Changing Hostname
- Using the Redeploy

Linux:

- Using the Redeploy

Linux: SAP Note 2243692 "You are running an SAP application based on SAP NetWeaver in a Linux virtual machine in a Microsoft Azure public cloud environment. In that case the hardware key for the SAP license is no longer based on the MAC address (as in on-premise Linux installations) but on a unique VM ID which is provided as part of the Azure infrastructure."

upvoted 1 times

  **smudo1965** 1 year, 5 months ago

Answer is correct see here

<https://techcommunity.microsoft.com/t5/running-sap-applications-on-the/sap-netweaver-licensing-mechanism-in-microsoft-azure-cloud-part/ba-p/465096>

upvoted 2 times

You have an Azure subscription that contains two SAP HANA on Azure (Large Instances) deployments named HLI1 and HLI2. HLI1 is deployed to the East US Azure region. HLI2 is deployed to the West US 2 Azure region.

You need to minimize network latency for inter-region communication between HLI1 and HLI2.

What should you implement?

- A. a NAT gateway
- B. IP routing tables
- C. ExpressRoute FastPath
- D. ExpressRoute Global Reach

Suggested Answer: D

Community vote distribution

D (100%)

  **smudo1965** 12 months ago

Selected Answer: D

Given answer is correct

<https://learn.microsoft.com/en-us/azure/sap/large-instances/hana-network-architecture>

upvoted 2 times

HOTSPOT

-

You have an on-premises SAP landscape that uses DB2 databases and contains an SAP Financial Accounting (SAP FIN) deployment. The deployment contains a file share that stores 50 GB of bitmap files.

You plan to migrate the on-premises SAP landscape to SAP HANA on Azure and store the images on Azure Files shares. The solution must meet the following requirements:

- Minimize costs.
- Minimize downtime.
- Minimize administrative effort.

You need to recommend a migration solution.

What should you recommend using to migrate the databases and to check the images? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Migrate the databases:

Azure Database Migration Service
Data Migration Assistant (DMA)
SAP Database Migration Option (DMO) with System Move

Check the images:

AZCopy
Azure DataBox
Azure Migrate

Answer Area

Migrate the databases:

Azure Database Migration Service
Data Migration Assistant (DMA)
SAP Database Migration Option (DMO) with System Move

Suggested Answer:

Check the images:

AZCopy
Azure DataBox
Azure Migrate

1) We can't migrate DB2 to DB2 with any proposed tools, but we can perform heterogeneous migration from DB2 to HANA or ASE using DMO with System Move.

2) For file share we can use AZCopy as the simplest way.

upvoted 1 times

  **4c78df0** 1 year, 1 month ago

correct

upvoted 1 times

You are planning a small-scale deployment of an SAP HANA on Azure (Large Instances) landscape.

You identify the costs of the virtual machine SKU required to host the HANA Large Instances landscape.

Which additional costs will be incurred?

- A. a Linux support contract
- B. an ExpressRoute circuit between the HANA Large Instances stamp and Azure
- C. a Site-to-Site VPN connection between the HANA Large Instances stamp and Azure
- D. an Azure Rapid Response support contract

Suggested Answer: B

Community vote distribution

B (100%)

  **smudo1965** 12 months ago

Selected Answer: B

<https://learn.microsoft.com/en-us/azure/sap/large-instances/hana-network-architecture>

upvoted 1 times

Your on-premises network has a 100-Mbps internet connection and contains an SAP production landscape that has 14 TB of data files.

You plan to migrate the on-premises SAP landscape to Azure.



You need to migrate the data files to an Azure Files share. The solution must meet the following requirements:

- Migrate the files within seven days.
- Minimize administrative effort.
- Minimize service outages.

What should you use?



- A. Azure Migrate
- B. AzCopy
- C. Azure Data Box
- D. Azure Site Recovery

Suggested Answer: C

  **enginninno** 8 months, 4 weeks ago

Selected Answer: C

Calculations see in the next comments.
upvoted 1 times

  **enginninno** 8 months, 4 weeks ago

100Mbps=10MB/s
 $10\text{MB/s} * 3600 * 24/1024 = 843.75 \text{ GB/day}$
 $843.75\text{GB/day} * 7/1024 = 5.77 \text{ TB for 7 days}$
So we can't transfer 14 TB for 7 days and we need to use Data Box.
upvoted 1 times

  **4c78df0** 1 year, 1 month ago

correct
upvoted 2 times



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

Suggested Answer: *B*

  **4c78df0** 7 months, 1 week ago

correct

upvoted 2 times

HOTSPOT

-

You have an Azure subscription.

You need to deploy multiple virtual machines that will host SAP HANA by using an Azure Resource Manager (ARM) template. The solution must meet SAP certification requirements.

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

NOTE: Each correct selection is worth one point.

Answer Area

```
{
  "apiVersion": "2017-06-01",
  "type": "Microsoft.Network/networkInterfaces",
  "name": "[parameters('vmName')]",
  "location": "[resourceGroup().location]",
  "properties": {
     true,
    "AuxiliaryMode":
    "enableAcceleratedNetworking":
    "enableIPForwarding":
    "ipConfigurations": [
      ...
    ]
  },
  "type": "Microsoft.Compute/virtualMachines",
  "name": "[parameters('vmName')]",
  "location": "[resourceGroup().location]",
  "properties": {
    "hardwareProfile": {
      "vmSize": 
    },
    ...
  }
}
```

Standard_DS16_v4


Standard_E16

Standard_M64s

Answer Area

```
{
  "apiVersion": "2017-06-01",
  "type": "Microsoft.Network/networkInterfaces",
  "name": "[parameters('vmName')]",
  "location": "[resourceGroup().location]",
  "properties": {
     true,
    "AuxiliaryMode":
    "enableAcceleratedNetworking":
    "enableIPForwarding":
    "ipConfigurations": [
      ...
    ]
  },
  "type": "Microsoft.Compute/virtualMachines",
  "name": "[parameters('vmName')]",
  "location": "[resourceGroup().location]",
  "properties": {
    "hardwareProfile": {
      "vmSize":
      ...
    }
  }
}
```

Suggested Answer:

 **4c78df0** 7 months, 1 week ago

correct

upvoted 2 times

HOTSPOT

-

You have an on-premises SAP HANA scale-out system with standby node.

You plan to migrate the system to Azure.

You need to configure Azure compute and database resources for the system. The solution must meet the following requirements:

- Support up to 20 TB of memory per node.
- Run on non-shared hardware.

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

NOTE: Each correct selection is worth one point.

Answer Area

Compute:
An Mv2-series virtual machine
HANA on Azure (Large Instances) Type I class
HANA on Azure (Large Instances) Type II class

Database:
Azure NetApp Files
Premium SSD v2 disks
Ultra disks

Answer Area

Suggested Answer:

Compute:
An Mv2-series virtual machine
HANA on Azure (Large Instances) Type I class
HANA on Azure (Large Instances) Type II class

Database:
Azure NetApp Files
Premium SSD v2 disks
Ultra disks

 enginninno 8 months, 3 weeks ago

HLI - Type 2

Storage is unclear. Managed disks are not for HANA large instances, so only NetApp Files remain, but there are no references for this.

upvoted 1 times

  **smudo1965** 1 year, 5 months ago

Storage Type is Ultra following this:

<https://learn.microsoft.com/en-us/azure/virtual-machines/disks-types>

HLL must be Type 2 following this:

<https://learn.microsoft.com/en-us/azure/sap/large-instances/hana-available-skus>

upvoted 2 times

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

Suggested Answer: A

Community vote distribution

A (100%)

🗨️ 👤 **smudo1965** 11 months, 1 week ago

As it is not SAP HANA answer is valid
upvoted 1 times

🗨️ 👤 **smudo1965** 12 months ago

Selected Answer: A

Given answer is correct
upvoted 1 times

🗨️ 👤 **morun29** 1 year, 4 months ago

Standard is correct. Notice that Premier Support doesn't exist

<https://azure.microsoft.com/en-us/support/plans>

upvoted 2 times

You have an on-premises SAP landscape that is hosted on VMware vSphere and contains 50 virtual machines.

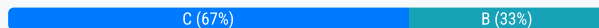
You need to perform a lift-and-shift migration to Azure by using Azure Migrate. The solution must minimize administrative effort.

What should you deploy first?

- A. an Azure Backup server
- B. an Azure VPN gateway
- C. an Azure Migrate configuration server
- D. an Azure Migrate process server

Suggested Answer: C

Community vote distribution



4c78df0 7 months, 1 week ago

Selected Answer: C

correct

upvoted 2 times

smudo1965 12 months ago

Selected Answer: C

I have to revert my answer C is correct

<https://learn.microsoft.com/en-us/azure/migrate/tutorial-migrate-physical-virtual-machines>

upvoted 2 times

smudo1965 12 months ago

Selected Answer: B

Both Azure Configuration and Process Server belong to ASR an not to Azure Migrate

Following this:

<https://learn.microsoft.com/en-us/azure/migrate/how-to-use-azure-migrate-with-private-endpoints>

B shall be correct

upvoted 1 times

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

Suggested Answer: A

Community vote distribution



  **4c78df0** 7 months, 1 week ago

Selected Answer: A

correct

upvoted 1 times

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:

Azure NetApp Files

Premium storage

Ultra disk

HANA database disk:

Azure NetApp Files

Premium storage

Ultra disk

Answer Area

Operating system disk:

Azure NetApp Files

Premium storage

Ultra disk

Correct Answer:

HANA database disk:

Azure NetApp Files

Premium storage

Ultra disk

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. Standard SSD
- C. Ultra disk
- D. Premium SSD

Suggested Answer: D

  **enginninno** 8 months, 3 weeks ago

The answer - Premium SSD.

Calculating (including Premium v2 only for curiosity):

- Premium SSD, P40, 2048 GB/disk, 7500 iops/disk, 8 disks (to achieve 60000 iops) = \$2072

- Premium v2 SSD, 500 GB/disk, 15000 iops/disk, 4 disks (to achieve 60000 iops) = \$405

- Ultra disks, 512 GB/disk, 15000 iops/disk, 4 disks (to achieve 60000 iops) = \$3402

upvoted 1 times

  **Kumariswati** 1 year, 10 months ago

Ans is correct.

upvoted 1 times

  **corioto2c21** 1 year, 10 months ago

It correct <https://learn.microsoft.com/en-us/azure/virtual-machines/disks-types>

upvoted 1 times

HOTSPOT

-

You are designing the backup solution for an SAP database.

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

The screenshot shows the configuration settings for an Azure Storage account. The settings are as follows:

- Account kind:** StorageV2 (general purpose v2)
- Performance:** Standard (selected), Premium
- Secure transfer required:** Disabled, Enabled (selected)
- Allow Blob public access:** Disabled (selected), Enabled
- Allow storage account key access:** Disabled, Enabled (selected)
- Allow recommended upper limit for shared access signature (SAS) expiry interval:** Disabled (selected), Enabled
- Default to Azure Active Directory authorization in the Azure portal:** Disabled (selected), Enabled
- Minimum TLS version:** Version 1.2
- Blob access tier (default):** Cool, Hot (selected)
- Replication:** Geo-redundant storage (GRS)
- Large file shares:** Disabled (selected), 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.

Answer Area

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 Area

Correct Answer:

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

Currently there are no comments in this discussion, be the first to comment!

HOTSPOT

-

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.

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.Compute/virtualMachines",
  "name": "[parameters('vmname')]",

  "location": "EastUS",
  "dependsOn": [
    "[resourceId('Microsoft.Network/networkInterfaces/', parameters('vmname'))]"
  ],
  "properties": {
    "hardwareProfile": {
      "vmSize": "[parameters('vmSize')]"
    },
    "osProfile": {
      "computerName": "[parameters('vmname')]",
      "adminUsername": "[parameters('adminUsername')]",
      "adminPassword": "[parameters('adminPassword')]"
    },
    "storageProfile": {
      "imageReference": {
        "publisher": "MicrosoftWindowsServer",
        "offer": "WindowsServer",
        "sku": "2016-datacenter",
        "version": "latest"
      },
      "osDisk": {
        "name": "[concat(parameters('vmname'), '-OS')]",
        "caching": "ReadWrite",
        "createOption": "FromImage",
        "diskSizeGB": 128,
        "managedDisk": {
          "storageAccountType": "[parameters('storageAccountType')]"
        }
      },
      "copy": [
        {
          "name": "DataDisks",
          "count": "[parameters('diskCount')]",
          "input": {
            "caching": "None",
            "diskSizeGB": 1024,
            "lun": "[copyIndex('datadisks')]"
          }
        }
      ]
    }
  }
}
```

```

        "name": "[concat(parameters('vmname'), '-DD',copyIndex('datadisks'))]",
        "createOption": "Empty"
    }
}
},
"networkProfile": {
    "networkInterfaces": [
        {
            "id": "[resourceId('Microsoft.Network/networkInterfaces', parameters('vmName'))]"
        }
    ]
}
},
"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')]"
            }
        }
    }
]
}

```

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.

Answer Area

Statements	Yes	No
The backup policy meets the technical requirements.	<input type="radio"/>	<input type="radio"/>
The backup policy meets the business requirements.	<input type="radio"/>	<input type="radio"/>
If the backup policy is implemented, a file backed up on the first Sunday of a month can be restored one year after the file was deleted.	<input type="radio"/>	<input type="radio"/>

Answer Area

Correct Answer:

Statements	Yes	No
The backup policy meets the technical requirements.	<input checked="" type="radio"/>	<input type="radio"/>
The backup policy meets the business requirements.	<input type="radio"/>	<input checked="" type="radio"/>
If the backup policy is implemented, a file backed up on the first Sunday of a month can be restored one year after the file was deleted.	<input checked="" type="radio"/>	<input type="radio"/>

HOTSPOT

-

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

You need to configure an authentication solution for the deployment. The solution must meet the following requirements:

- Support single sign-on (SSO) and multi-factor authentication (MFA) for SAP NetWeaver applications.
- Minimize administrative effort.

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.

Answer Area

Authenticate the virtual machines by using:

Active Directory Domain Services (AD DS)
Azure AD
Azure Active Directory Domain Services (Azure AD DS)

Authenticate the SAP NetWeaver applications by using:

Active Directory Domain Services (AD DS)
Azure AD
Azure Active Directory Domain Services (Azure AD DS)

Answer Area


Authenticate the virtual machines by using:

Active Directory Domain Services (AD DS)
Azure AD
Azure Active Directory Domain Services (Azure AD DS)

Suggested Answer:

Authenticate the SAP NetWeaver applications by using:

Active Directory Domain Services (AD DS)
Azure AD
Azure Active Directory Domain Services (Azure AD DS)

 **stevehai** 6 months, 3 weeks ago

1st. should be Azure AD DS

2nd is correct and should be Azure AD

upvoted 4 times

 **smudo1965** 12 months ago

second answer is correct, first answer should be Azure AD, too due to requirement minimize Administrative effort. Both ADDS require effort and as there is no AD now why shall I create it

<https://learn.microsoft.com/en-us/entra/identity/devices/howto-vm-sign-in-azure-ad-windows>

upvoted 2 times

You have an on-premises SAP Enterprise Central Component (ECC) landscape that is hosted on servers that run Windows Server and uses an Oracle database.

You need to migrate the landscape to SAP S/4HANA on Azure virtual machines. The solution must minimize downtime.

What should you use?

- A. Azure Site Recovery
- B. Software Update Manager (SUM)
- C. Software Provisioning Manager (SWPM)
- D. Azure Migrate

Suggested Answer: B

Community vote distribution

C (100%)

🗳️ 👤 **nilsson123** 4 months, 1 week ago

Selected Answer: C

SWPM is a tool provided by SAP that simplifies the migration process by automating many of the tasks involved in moving from SAP ECC to SAP S/4HANA. It helps with system conversion, data migration, and system preparation, ensuring a smooth and efficient transition with minimal downtime.

upvoted 2 times

🗳️ 👤 **Vipulmehta96** 5 months, 2 weeks ago

Selected Answer: B

SUM should be correct as conversion need to be performed.

upvoted 3 times

🗳️ 👤 **1cf90ef** 2 months, 2 weeks ago

If you're focusing on the core SAP-specific migration task with minimal downtime, the best answer is:

B. Software Update Manager (SUM)

Because SUM with DMO allows you to:

Migrate from Oracle to HANA,

Upgrade from ECC to S/4HANA,

Combine steps to minimize downtime.

Note:

The confusion might arise because SWPM is also used, but not for the actual upgrade/migration with minimal downtime—that's SUM's job.

upvoted 1 times

🗳️ 👤 **4c78df0** 7 months, 1 week ago

Selected Answer: C

incorrect. Correct answer is C.

upvoted 2 times

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.

Actions

- Install the SAP HANA and SAP Central Services (SCS) instances.
- Load the database content.
- Generate and combine the parameter files of the application servers.
- Generate an ABAP Central Services (ASCS) parameter file.
- Add the templates to the BOM.

Answer Area

>
<

Suggested Answer:

Generate an ABAP Central Services (ASCS) parameter file.

Install the SAP HANA and SAP Central Services (SCS) instances.

Load the database content.


Generate and combine the parameter files of the application servers.

Add the templates to the BOM.

 **BizCTO** 9 months, 1 week ago

4->3->1->2->5

upvoted 1 times

 **nadjar007** 9 months, 1 week ago

the answers are correct

Load database content

Make sure the following settings are in place on the VM before you begin:

Install and configure your HANA and SCS instances. These instances must be online before you complete the database content load.

upvoted 1 times

 **smudo1965** 1 year, 5 months ago

Answer seems not to be correct, order shall be:

Generate ASCS parameter file

Load database content

Generate additional application servers parameter file

Update BOM with templates

Install the instances

Reference:

<https://learn.microsoft.com/en-us/azure/sap/automation/bom-templates-db>

upvoted 3 times

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 HANA. The solution must meet the following requirements:

- Minimize administrative effort.
- Minimize downtime.

What should you use?

- A. Azure Migrate
- B. Azure Database Migration Service
- C. SAP Software Provisioning Manager
- D. SAP Software Update Manager

Suggested Answer: D

Community vote distribution



ZhanLee 1 year, 1 month ago

Selected Answer: D

D is correct answer.

SUM with DMO can minimize downtime and administrative effort in migration to HANA on Azure

<https://learn.microsoft.com/en-us/training/modules/explore-migration-options/4-compare-classic-vs-sap-database-move-only>

upvoted 2 times

4c78df0 1 year, 1 month ago

Selected Answer: C

incorrect. correct answer is C.

upvoted 1 times

nadjar007 9 months, 1 week ago

D is correct.

With the Classical Migration option, SAP's Software Provisioning Manager (SWPM) is used as the Software Logistics (SL) tool and is exclusively for database migrations

upvoted 1 times

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
Vnet1	Azure virtual network	Azure
SAPSQLVM1	Azure virtual machine that runs Microsoft SQL Server 2017 and connects to VNet1	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 VNet1	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:

	▼
R3load	
RMAN	
Azure Import/Export	

To transfer the database files to Azure before the import:

	▼
R3load	
Robocopy	
R3ta	
Azure Import/Export	

Answer Area

Correct Answer:

To export the Oracle database:



R3load
RMAN
Azure Import/Export

▼

To transfer the database files to Azure before the import:

R3load
Robocopy
R3ta
Azure Import/Export

▼

  **enginninno** 8 months, 3 weeks ago

Export: R3Load

Transfer: Robocopy

upvoted 3 times

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 offline 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

Suggested Answer: D

Community vote distribution

D (100%)

  **enginninno** 8 months, 3 weeks ago

Selected Answer: D

1Gbps = 0.1 GByte per second

3600 sec x 0.1 GByte per second = 360 GByte per hour

4 TB / 360 GByte per hour = 11 hours

So we can easily fit into a week to transfer exported db data.

upvoted 2 times

  **4c78df0** 1 year, 1 month ago

Selected Answer: D

correct

upvoted 1 times

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.

Suggested Answer: D

Community vote distribution

D (100%)

 **4c78df0** 7 months, 1 week ago

Selected Answer: D

correct

upvoted 2 times

You plan to deploy an SAP production landscape in Azure.

You need to recommend an Azure support agreement for the deployment. The solution must meet the following requirements:

- Receive support for moderate business impact events within four hours.
- Comply with the SAP support agreement.
- Minimize costs.

Which support level should you recommend?

- A. Basic
- B. Professional Direct
- C. Developer
- D. Standard

Suggested Answer: B

Community vote distribution

D (100%)

🗳️ 👤 **DigvijayGhosh** 6 months ago

Selected Answer: D

Answer : D

<https://azure.microsoft.com/en-in/support/plans>

upvoted 1 times

🗳️ 👤 **stevehai** 1 year ago

Should be D , pls correct as this is VERY Wrong & unnecessary Misleading

upvoted 2 times

🗳️ 👤 **4c78df0** 1 year, 1 month ago

Selected Answer: D

Incorrect. answer is D.

If the business impact is moderate and costs need to be minimized, the Standard support level is sufficient.

upvoted 3 times

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

Suggested Answer: C

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.

References:

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

Community vote distribution

C (100%)

 **schalke04** Highly Voted 3 years, 6 months ago

C is correct

upvoted 12 times

 **d0bermannn** 2 years, 2 months ago

and obviuos

upvoted 2 times

 **Sjn9** Highly Voted 2 years, 7 months ago

C is the correct one.


upvoted 5 times

 **fenth7** Most Recent 9 months ago

Selected Answer: C

C is correct

upvoted 1 times

 **look1** 11 months, 1 week ago

Selected Answer: C


C is the right one

upvoted 1 times

 **Shub94** 2 years, 10 months ago

C is Correct Ans

upvoted 3 times

 **SteveChai** 2 years, 10 months ago

Answer is C

upvoted 3 times

 **NarenderSingh** 2 years, 11 months ago


C is correct

upvoted 3 times

 **Bhagirathi** 2 years, 11 months ago

C 200 %

upvoted 2 times

  **Jeejay007** 3 years, 1 month ago

C is correct Answer.

upvoted 4 times

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.

Hot Area:

Answer Area

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	

Suggested Answer:

Answer Area

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	

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>

🗳️ 👤 **smudo1965** 10 months, 4 weeks ago

given answer seems correct

<https://learn.microsoft.com/en-us/azure/virtual-machines/availability-set-overview>

upvoted 1 times

🗳️ 👤 **rodruval** 3 years, 1 month ago

I'd say the second one is datacenter outages. Although it is correct that AS is fully integrated with managed disks, the context of the question is related to Fault and update domains.

upvoted 1 times

🗳️ 👤 **Hersey12** 8 months ago

Availability Set will still be impacted by datacenter outages, you'll need at least Availability Zone to prevent that.

upvoted 1 times

🗳️ 👤 **Sjn9** 3 years, 7 months ago

Given answers are correct.

upvoted 4 times

🗳️ 👤 **Shub94** 3 years, 10 months ago

Given ans correct

upvoted 3 times

🗳️ 👤 **NarenderSingh** 3 years, 11 months ago

correct

upvoted 3 times

🗳️ 👤 **pathfinder** 3 years, 11 months ago

no the second shud be datacenter outages

upvoted 1 times

🗳️ 👤 **XXXX** 3 years, 11 months ago

Managed disk is correct. <https://docs.microsoft.com/en-us/azure/virtual-machines/manage-availability>

upvoted 3 times

🗳️ 👤 **Bhagirathi** 4 years ago

seems correct

upvoted 2 times

🗳️ 👤 **bishtr3** 4 years, 3 months ago

Answer is correct

upvoted 4 times

A customer that has a large enterprise SAP environment plans to migrate to Azure. The environment uses servers that run Windows Server 2016 and Microsoft SQL Server.

The environment is critical and requires a comprehensive business continuity and disaster recovery (BCDR) 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 of the solution.

NOTE: Each correct selection is worth one point.

- A. warm standby virtual machines in paired regions
- B. Azure Traffic Manager to route incoming traffic
- C. warm standby virtual machines in an Azure Availability Set that uses geo-redundant storage (GRS)
- D. an internal load balancer to route Internet traffic
- E. warm standby virtual machines in Azure Availability Zones

Suggested Answer: AC

A: An Azure Region Pair is a relationship between two Azure Regions within the same geographic region for disaster recovery purposes. If one of the regions were to experience a disaster or failure, then the services in that region will automatically failover to that regions secondary region in the pair.

C: For increased availability, you can deploy two VMs with two HANA instances within an Azure availability set that uses HANA system replication for availability.

References:

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

Community vote distribution

AB (100%)

 **praveenkumarh1912** Highly Voted 4 years, 11 months ago

AB seems to be correct answers. Availability set cannot be used between regions when you are using paired region.
upvoted 16 times

 **nkpinto** Highly Voted 4 years, 7 months ago

My pick is A and B , VM in paired region (250Km apart --condition met) and once the DR happens, client requests shud be diverted to secondary site, where Traffic Manager will play pivotal role.
upvoted 8 times

 **enginninno** Most Recent 8 months, 3 weeks ago

Regarding answered C, are you going to use not Azure managed disks? For SAP we can use managed disks and Azure NetApp Files. For the managed disks, we can't use GRS.
upvoted 1 times

 **enginninno** 8 months, 3 weeks ago

So many answers that include Traffic Manager. Why? How are you going to handle input traffic from on-premises private addresses? If you have endpoints that are inside a private network (for example, an internal version of Azure Load Balancer) or have users making DNS requests from such internal networks, then you can't use Traffic Manager to route this traffic.
<https://learn.microsoft.com/en-us/azure/traffic-manager/traffic-manager-faqs#what-types-of-traffic-can-be-routed-using-traffic-manager>
upvoted 2 times

 **smudo1965** 1 year, 5 months ago

Selected Answer: AB

A&B looks best
upvoted 1 times

 **MadPanda** 2 years ago

Selected Answer: AB

A and B. A to have ready-to-use instances for the application, and B to route traffic. SAP recommended is Managed disks which do not support GRS (<https://learn.microsoft.com/en-us/azure/virtual-machines/disks-redundancy>) and hence, C is not a viable option.

upvoted 1 times

🗳️ 👤 **khadar** 3 years, 1 month ago

Even it can be B and E. warm standby VM's with Availability zones with in a region that covers the distance of 250 KM's.

upvoted 1 times

🗳️ 👤 **khadar** 3 years, 1 month ago

correction...it should be A and B

upvoted 2 times

🗳️ 👤 **d0bermannn** 3 years, 8 months ago

A&B looks best

upvoted 1 times

🗳️ 👤 **Sjn9** 4 years, 1 month ago

I would go with A & C.

upvoted 2 times

🗳️ 👤 **Kaiju** 4 years, 3 months ago

A and E

A for DR, E for HA

<https://azure.microsoft.com/en-us/blog/sap-on-azure-designing-for-availability-and-recoverability/>

C is wrong because managed storage has only LRS and ZRS redundancy <https://azure.microsoft.com/en-us/pricing/details/managed-disks/>

D - does not apply and B - Traffic Manager is for public facing applications, so it does not apply.

upvoted 5 times

🗳️ 👤 **mosbbs** 4 years, 4 months ago

I think A & B is correct

upvoted 4 times

🗳️ 👤 **Prada** 4 years, 4 months ago

You need for sure Answer B

Traffic Manager is used for "Automatic failover using Azure Traffic Manager". Otherwise, you will not be able to meet the "minimize recovery TIME objective"

Answer A meets the distance objective of 250 km but without storage replication misses the recovery point objective. For this, you require geo-redundant storage paired region copy so 250 km are fulfilled.

https://docs.microsoft.com/en-us/azure/storage/common/geo-redundant-design?ranMID=24542&ranEAID=a1LgFw09t88&ranSiteID=a1LgFw09t88-_UsIFjWL3YFRW5f6sCgmMg&epi=a1LgFw09t88-_UsIFjWL3YFRW5f6sCgmMg&irgwc=1&OCID=AID2000142_aff_7593_1243925&tduid=%28ir__0iqueirz0gkfqmhckk0sohz3wf2xplxyklmn1yoo00%29%287593%29%28%29&irclickid=_0iqueirz0gkfqmhckk0sohz3wf2xplxyklmn1yoo00

So you should go with B & C

upvoted 1 times

🗳️ 👤 **gills** 4 years, 4 months ago

Answer is AB for sure. GRS is for Storage Account/Azure Storage and this has nothing to do with VMs running HANA which are M class VMs or Large Instances. The only storage you can use is NFS. You cannot use Azure Storage or a Storage based clustering for HA.

AB is the correct answer.

upvoted 4 times

🗳️ 👤 **NarenderSingh** 4 years, 5 months ago

Answer is A and C. Question is really Tricky

warm standby virtual machines in a New AV Set (Not the existing in Prod Region) that uses geo-redundant storage (GRS) - GRS because - Underlying data is replicated.

upvoted 3 times

🗳️ 👤 **SteveChai** 4 years, 4 months ago

Agree:

Refer to <https://docs.microsoft.com/en-us/azure/best-practices-availability-paired-regions>

Azure provides several storage solutions that take advantage of paired regions to ensure data availability. For example, Azure Geo-redundant

Storage (GRS) replicates data to a secondary region automatically, ensuring that data is durable even in the event that the primary region isn't recoverable.


The answer should be A and C

upvoted 2 times

  **SteveChai** 4 years, 4 months ago

Platform-provided replication - Some services such as Geo-Redundant Storage provide automatic replication to the paired region.

upvoted 1 times

  **Bhagirathi** 4 years, 6 months ago



Azure never share distance info.

No question for HANA here that is not part of question ..

to have resilient and HA solution - A is must to have

not sure of B or C or E??

upvoted 1 times

  **r05han** 4 years, 6 months ago

Answer should be A & B based on this doc : <https://docs.microsoft.com/en-us/azure/best-practices-availability-paired-regions>.

- " we recommend that you configure business continuity disaster recovery (BCDR) across regional pairs to benefit from isolation and improve availability. "

- " Using Azure DNS and Azure Traffic Manager, customers can design a resilient architecture for their applications that will survive the loss of the primary region. "

upvoted 3 times

  **Azure1971** 4 years, 2 months ago



I agree with A & B. The question asks " Which two solutions should you recommend? Each correct answer presents part of the solution". So complete solution has two parts and two answers form a complete solution. The way I look at it. We have to recover data and redirect the traffic to the secondary region i case of a disaster. "A" provides data recovery and "B" provide automatic traffic re-direction. A and B provide lower RTO & RPO.

upvoted 2 times

  **Azure1971** 4 years, 2 months ago

Reference <https://docs.microsoft.com/en-us/azure/networking/disaster-recovery-dns-traffic-manager>

upvoted 2 times

  **fastlink** 4 years, 6 months ago

I believe the correct answer should be A and E. A will cover DR while E will cover the HA part. B. Traffic manager is not applicable for as it is not internet facing, C. Managed disk used in Availability sets is only available as LRS, D. This is not applicable.

upvoted 3 times

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

Suggested Answer: B

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.

References:

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

Community vote distribution

B (100%)

🗳️ 👤 **Arturo_Cloud** Highly Voted 🍌 4 years, 6 months ago

For SAP workloads the standard load balancer is recommended.

upvoted 11 times

🗳️ 👤 **4c78df0** Most Recent 🕒 7 months, 1 week ago

Selected Answer: B

correct

upvoted 1 times

🗳️ 👤 **SWOVN** 3 years, 6 months ago

LB basic SKU does not support AZs, so it is not A

upvoted 3 times

🗳️ 👤 **Sjn9** 3 years, 7 months ago

B is correct.

upvoted 4 times

🗳️ 👤 **Shub94** 3 years, 10 months ago

Ans: B

upvoted 4 times

🗳️ 👤 **NarenderSingh** 3 years, 11 months ago

correct

upvoted 3 times

🗳️ 👤 **Bhagirathi** 3 years, 11 months ago

B 200%

upvoted 2 times

🗳️ 👤 **Bhagirathi** 4 years ago

B seems - is the option to choose

upvoted 2 times

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

Suggested Answer: B

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>

 **fastlink**  1 year, 6 months ago

Correct answer but reference is not clear. Reference should use t Azure SLA for VM: https://azure.microsoft.com/en-us/support/legal/sla/virtual-machines/v1_9/

upvoted 6 times

 **amanp**  10 months, 2 weeks ago

Answer is right: Availability Set gives 99.95% availability but Availbilty Zone gives 99.99% availability as asked


upvoted 2 times

 **PradyBear** 1 year, 2 months ago

Why not D ? As Azure fence agent can be used .


Pont 2 : Would be availability set which would provide more resilience

upvoted 2 times

 **d0bermannn** 8 months, 3 weeks ago

question is about sla, for 99,99% must be AvZone

upvoted 1 times

 **Shub94** 1 year, 4 months ago

Ans: B

upvoted 2 times

 **NarenderSingh** 1 year, 5 months ago



correct

upvoted 2 times

 **Bhagirathi** 1 year, 5 months ago

B 200 %

upvoted 2 times

  **Bhagirathi** 1 year, 6 months ago

B sounds - OK

upvoted 2 times

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.

Select and Place:

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



Suggested Answer:

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

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 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
```

🗨️ 👤 **Hardikm007** 1 year, 3 months ago

This question is purely on Linux package installation and not related to SAP workload.

Has anyone came across this question in exam?

upvoted 1 times

🗨️ 👤 **d0bermannn** 9 months, 1 week ago

for linux NE to add to AD it is obvious, not withstanding sap or any other applied services, answer is right for sure

upvoted 1 times

🗨️ 👤 **d0bermannn** 9 months, 1 week ago

if you chosen winbind option to do it)

upvoted 1 times

🗨️ 👤 **Shub94** 1 year, 4 months ago

Correct

upvoted 2 times

🗨️ 👤 **NarenderSingh** 1 year, 5 months ago

Given answer is OK

upvoted 2 times

🗨️ 👤 **Bhagirathi** 1 year, 6 months ago

Seems given solution is OK.

Not sure anyone tested it by configuring this?

upvoted 2 times

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

Suggested Answer: B

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

References:



<https://docs.microsoft.com/en-us/azure/backup/sap-hana-db-about> <https://docs.microsoft.com/en-us/azure/backup/backup-azure-sap-hana-database#configure-backup>

  **Kapsy** Highly Voted 4 years, 4 months ago

Ans - No.

Backup of HANA HLI can be done to either directly to volumes attached to the HANA Large Instance units or to NFS shares or Storage snapshots. But in case of backup against volumes that directly attach to HANA Large Instance units, copy the backups to an Azure storage account.

upvoted 11 times

  **AJ_SAP** 3 years, 6 months ago


so when it says "directly to volumes attached to the HANA Large Instance units" that means its referring to local disk, which means local back, and ans is A-Yes

upvoted 3 times

  **d0bermannn** 3 years, 2 months ago



local hw backup is only one part of solution, so N

upvoted 1 times

  **GiuseppeF** Highly Voted 4 years, 5 months ago

I think that B is the right answer. The Hana backup is not completed without copy the backup from local HLI disk to a remote storage (NFS or Storage Account)

upvoted 8 times

  **d0bermannn** 3 years, 2 months ago

you are right, local hw backup is only part of solution, so N

upvoted 1 times

  **4c78df0** Most Recent 7 months, 1 week ago



correct

upvoted 1 times

  **Sjn9** 3 years, 7 months ago

The given answer is correct.

upvoted 2 times

  **matateu007** 3 years, 8 months ago



My Opinion:

YES.

You can back up either directly to volumes attached to the HANA Large Instance units or to NFS shares that are set up in an Azure virtual machine (VM). In the latter case, customers set up a Linux VM in Azure, attach Azure

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

upvoted 2 times

  **Shub94** 3 years, 10 months ago

Ans: No

upvoted 2 times

🗨️ 👤 **Bhagirathi** 4 years ago

No - we shall not risk taking to same local disks when server goes into toss - what we can do with it.. No point.

upvoted 2 times

🗨️ 👤 **r05han** 4 years ago

Answer is 'No' based on the doc for HANA Large Instance : <https://docs.microsoft.com/en-us/azure/virtual-machines/workloads/sap/hana-backup-restore>

upvoted 3 times

🗨️ 👤 **khadar** 4 years, 5 months ago

HLI backup directly on local disk is not recommended so Answer is B

upvoted 6 times

🗨️ 👤 **v1n2** 4 years, 6 months ago

hmm.. difficult question.. you can create a backup with DB13.. but it is on local disk.. inside a Server, which is hosted in Azure.. so Backup is inside Azure, but i guess, MS doesn't mean it that way..

upvoted 1 times

🗨️ 👤 **AS007** 4 years, 5 months ago

You can attach a managed disk and then back up to it. Still safe if OS crashes.

upvoted 3 times

🗨️ 👤 **d0bermannn** 3 years, 3 months ago

he, nice way to scripting it))

upvoted 1 times

🗨️ 👤 **Sourabh1703** 4 years, 6 months ago

this meets the requirement, answer should be Yes, it can later be copied outside the server

upvoted 7 times

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 Monitoring from the SAP HANA Cockpit.

Does this meet the goal?

A. Yes

B. No

Suggested Answer: A



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>

  **d0bermannn** 8 months, 3 weeks ago
yes, repeated question, but thanks anyway)
upvoted 2 times

  **Sjn9** 1 year, 1 month ago
A is correct.
upvoted 2 times

  **Shub94** 1 year, 4 months ago
Ans: Yes
upvoted 2 times

  **Bhagirathi** 1 year, 6 months ago
HANA Cockpit is to use for all HANA administration so CPU metrics and stats can be obtained
upvoted 2 times

  **Bhagirathi** 1 year, 6 months ago
YES - it is .
upvoted 2 times

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.

Hot Area:

Answer Area

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.	<input type="radio"/>	<input type="radio"/>
You can deploy Azure Availability Sets within an Azure Availability Zone.	<input type="radio"/>	<input type="radio"/>
The solution must use Azure managed disks.	<input type="radio"/>	<input type="radio"/>

Suggested Answer:

Answer Area

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.	<input type="radio"/>	<input checked="" type="radio"/>
You can deploy Azure Availability Sets within an Azure Availability Zone.	<input checked="" type="radio"/>	<input type="radio"/>
The solution must use Azure managed disks.	<input checked="" type="radio"/>	<input type="radio"/>

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>

 **GiuseppeF**  3 years, 11 months ago

The right answer should be: No, No, Yes.

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

1) 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.

2) No. Is not possible to deploy availability set in availability zone. The use of proximity placement group must be considered for the application server and not for cluster nodes.

3) Yes. Unmanaged disks aren't supported for zonal deployments.

Is not possible to use Availability set in Availability zone

upvoted 23 times

🗳️ 👤 **McDee** Highly Voted 3 years, 11 months ago

No

Yes - with PPG this is possible

Yes

upvoted 13 times

🗳️ 👤 **Nav3** 3 years, 10 months ago

Go with McDee . Combine availability sets and Availability Zones with proximity placement groups

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

upvoted 5 times

🗳️ 👤 **Avanade2023** 3 years, 9 months ago

Yes, you are right. but you just can combine availability sets and Availability Zones, you cannot deploy a availability set into any Availability Zone.

So, the second statement is No.

upvoted 4 times

🗳️ 👤 **ITDog99** Most Recent 1 year ago

<https://learn.microsoft.com/en-us/azure/architecture/guide/sap/sap-netweaver>

there is a sentence of below:

"For example, don't place an ASCS node in the same availability set as the application servers."

upvoted 1 times

🗳️ 👤 **petercorn** 1 year, 5 months ago

NNY.

<https://learn.microsoft.com/en-us/training/modules/implement-high-availability-for-sap-workloads-azure/20-knowledge-check>

upvoted 2 times

🗳️ 👤 **twtm** 1 year, 9 months ago

No - Has to be Standard Load Balancer

No - It's either AV Sets or AV Zones, can't have both, also question says nothing about proximity groups.

Yes - Managed Disks are required

upvoted 2 times

🗳️ 👤 **AJ_SAP** 2 years, 12 months ago

Availability Zones and Availability Sets cannot be used together: when creating a Virtual Machine (VM), you will have to specify an AS, or AZ assignment, you cannot do both.

So the correct ans is

No

No

Yes

upvoted 2 times

🗳️ 👤 **Sjn9** 3 years, 1 month ago

No, Yes, Yes

upvoted 4 times

🗳️ 👤 **Kaiju** 3 years, 3 months ago

NO, YES, YES

Second is YES - as per "You can deploy Azure availability sets within Azure Availability Zones when you use a proximity placement group." in

<https://docs.microsoft.com/en-us/azure/architecture/reference-architectures/sap/sap-netweaver> under "Availability Sets".

upvoted 4 times

🗳️ 👤 **Shub94** 3 years, 4 months ago

Ans: No, Yes, Yes

upvoted 3 times

🗳️ 👤 **Bhagirathi** 3 years, 6 months ago

No

Yes

Yes - this is given as solution and it holds good.

upvoted 2 times

🗨️ 👤 **r05han** 3 years, 6 months ago

This doc should help with the answer for second statement : <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>

upvoted 2 times

🗨️ 👤 **lovingsmart2000** 3 years, 8 months ago

Second is YES.

You can deploy Azure availability sets within Azure Availability Zones when you use a proximity placement group.

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

upvoted 4 times

🗨️ 👤 **AmoghU** 3 years, 12 months ago

No Yes Yes

upvoted 5 times

🗨️ 👤 **v1n2** 3 years, 12 months ago

B should be Yes: Source: <https://docs.microsoft.com/en-us/azure/architecture/reference-architectures/sap/sap-netweaver>

upvoted 4 times

🗨️ 👤 **schalke04** 4 years ago

Second ans is Yes : You can't deploy Azure availability sets within an Azure Availability Zone unless you use Azure Proximity Placement Group.

upvoted 5 times

🗨️ 👤 **deepu_agrawal** 4 years ago

No , No , Yes

upvoted 7 times

🗨️ 👤 **Sourabh1703** 4 years ago

second question is YES, Av Set within Av Zones can be used for redundancy

upvoted 13 times

🗨️ 👤 **syswiz85** 2 years, 8 months ago

It's No, No, Yes. You guys are not reading the question clearly, you can't deploy an AS within an AZ. It's ONE OR THE OTHER. Let's not confuse people.

upvoted 2 times

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.

Hot Area:

Answer Area

Statements	Yes	No
Network latency is a limiting factor when deploying DBMS instances that use synchronous replication across the Azure Availability Zones.	<input type="radio"/>	<input type="radio"/>
The performance of SAP systems can be validated by using ABAPMeter.	<input type="radio"/>	<input type="radio"/>
To help identify the best Azure Availability Zones for deploying the SAP components, you can use NIPING to verify network latency between the zones.	<input type="radio"/>	<input type="radio"/>

Suggested Answer:

Answer Area

Statements	Yes	No
Network latency is a limiting factor when deploying DBMS instances that use synchronous replication across the Azure Availability Zones.	<input type="radio"/>	<input checked="" type="radio"/>
The performance of SAP systems can be validated by using ABAPMeter.	<input checked="" type="radio"/>	<input type="radio"/>
To help identify the best Azure Availability Zones for deploying the SAP components, you can use NIPING to verify network latency between the zones.	<input checked="" type="radio"/>	<input type="radio"/>

Box 1: No -

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

Box 2: Yes -

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

Box 3: Yes -

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

Reference:

<https://azure.microsoft.com/sv-se/blog/azure-availability-zones-expand-with-new-services-and-to-new-regions-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>

 **GiuseppeF** Highly Voted 3 years, 11 months ago

The right answers should be:

Yes, Yes, Yes

About the first from <https://docs.microsoft.com/en-us/azure/virtual-machines/workloads/sap/sap-ha-availability-zones>



When deciding where to use Availability Zones, base your decision on the network latency between the zones. The latency between the two DBMS instances that need to have synchronous replication. The higher the network latency, the more likely it will affect the scalability of your workload.

About the second. ABAPMeter allow to compare performance of different instances of a SAP System than it provide info for evaluate system

performance.

About the third. niping is suggested in the reported document as the tool to collect info for compare different latency between zones.

upvoted 20 times

  **shavik** 1 year, 1 month ago

its thats not a limiting factor but increasing factor so No is correct

upvoted 1 times

  **praveenkumarh1912**  3 years, 10 months ago

excert from (Yes, yes, yes)

[https://docs.microsoft.com/en-us/azure/virtual-machines/workloads/sap/sap-ha-availability-](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.)

[zones#:~:text=In%20some%20Azure%20regions%2C%20the%20network%20latency%20among%20the%20three,2%20milliseconds%20is%20not%20correct.](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.)

In some Azure regions, the network latency among the three different zones can be vastly different. In other regions, the network latency among the three different zones might be more uniform. The claim that there is always a network latency between 1 and 2 milliseconds is not correct.

upvoted 7 times

  **ITDog99**  1 year ago

The question here is actually who can understand correctly the words "limiting factor" action mean of the question author...so confusing...


<https://learn.microsoft.com/en-us/azure/sap/workloads/high-availability-zones#network-latency-between-and-within-zones>

"When deciding where to use Availability Zones, base your decision on the network latency between the zones. Network latency plays an important role in two areas:

Latency between the two DBMS instances that need to have synchronous replication.



The higher the network latency, the more likely it affects the scalability of your workload."

upvoted 1 times

  **Sjn9** 3 years, 1 month ago



Yes, Yes, Yes

upvoted 3 times

  **gills** 3 years, 4 months ago

The provided answer is totally messed up. What is the author thinking. Answer is YES, YES, YES. Data Centers/Zones within AZ do not guarantee low latency at all. So this is not a proffered method for deploying of spreading SAP workload access Zones in a AZ.

upvoted 3 times

  **Shub94** 3 years, 4 months ago

Ans: YES, YES, YES

upvoted 3 times

  **Bhagirathi** 3 years, 6 months ago

All three YES YES YES

upvoted 3 times

  **angadyadav2301** 3 years, 8 months ago

A should be yes:

When deciding where to use Availability Zones, base your decision on the network latency between the zones. Network latency plays an important role in two areas:

Latency between the two DBMS instances that need to have synchronous replication. The higher the network latency, the more likely it will affect the scalability of your workload.

The difference in network latency between a VM running an SAP dialog instance in-zone with the active DBMS instance and a similar VM in another zone. As this difference increases, the influence on the running time of business processes and batch jobs also increases, dependent on whether they run in-zone with the DBMS or in a different zone.

upvoted 3 times

  **Kapsy** 3 years, 11 months ago

Ans - Yes, Yes, Yes.

Network traffic between assets that are deployed in two different Azure regions experience significant network roundtrip latency. The latency is significant enough to exclude synchronous data exchange between two SAP HANA instances under typical SAP workloads.

Since the question is based on synchronous replication so the network latency plays an important role and hence the answer for first statement is 'Yes'.

upvoted 5 times

🗨️ 👤 **Yogesh_g_w** 3 years, 11 months ago

Ideally it is Yes, Yes, Yes, Network latency is deciding factor for any kind of replication.
upvoted 3 times

🗨️ 👤 **RAVI_BASIS** 3 years, 11 months ago

ans should be yes yes yes
upvoted 5 times

🗨️ 👤 **McDee** 3 years, 11 months ago

YES...YES...YES
upvoted 4 times

🗨️ 👤 **Arturo_Cloud** 3 years, 12 months ago

However, it is in an "availability zone" where it will have a low latency, that would change if it were in another region. The answer is NO YES YES.
upvoted 4 times

🗨️ 👤 **gills** 3 years, 3 months ago

in SAP, latency between zones are a limiting factor. MS does not guarantee that the latency is consistent and also does not guarantee the distance between zones.
upvoted 2 times

🗨️ 👤 **AS007** 3 years, 11 months ago

Correct - AZ offers low latency networks.
upvoted 1 times

🗨️ 👤 **schalke04** 4 years ago

1st Ans should be A: Network bandwidth is a limiting factor
upvoted 6 times

🗨️ 👤 **johnnyj** 4 years ago

When deciding where to use Availability Zones, base your decision on the network latency between the zones. Network latency plays an important role in two areas:

Latency between the two DBMS instances that need to have synchronous replication. The higher the network latency, the more likely it will affect the scalability of your workload.

The difference in network latency between a VM running an SAP dialog instance in-zone with the active DBMS instance and a similar VM in another zone. As this difference increases, the influence on the running time of business processes and batch jobs also increases, dependent on whether they run in-zone with the DBMS or in a different zone.

<https://docs.microsoft.com/en-us/azure/virtual-machines/workloads/sap/sap-ha-availability-zones#the-ideal-availability-zones-combination>
upvoted 3 times

You deploy an SAP environment on Azure.

You need to validate the load distribution to the application servers.

What should you use?

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

Suggested Answer: D

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>

  **Kapsy** Highly Voted 4 years, 10 months ago

Ans - D.

The Web Dispatcher component is used as a load balancer for SAP traffic among the SAP application servers. To achieve high availability of the SAP Web Dispatcher, Azure Load Balancer implements either the failover cluster or the parallel Web Dispatcher setup.

upvoted 13 times

  **d0bermannn** 3 years, 8 months ago

it is a bad practice to use the same system to check a work of itself, so sawd no way must to be used for check lb works, so it is not d.

most correct is solman imho

upvoted 1 times

  **Austinnguyen** Highly Voted 4 years, 8 months ago



Ans:C. The Web Dispatcher is a load balancing component for HTTP/HTTPS requests. It can't be used for validate the load distribution to the application servers on Azure. For validation, you need the Azure Monitor.

upvoted 10 times

  **stevehai** Most Recent 1 year ago

Ans - C

upvoted 1 times



  **Kaiju** 4 years, 3 months ago

Answer: D - SAP Web Dispatcher

Can monitor distribution in the Web Administration Interface [http\(s\)://host:admin_port/sap/admin](http(s)://host:admin_port/sap/admin) , is under Dispatching Mode Area Menu



https://help.sap.com/saphelp_SNC700_ehp01/helpdata/en/48/7f579f7df935e1e10000000a42189c/frameset.htm

upvoted 4 times

  **Shub94** 4 years, 4 months ago

My pick is SAP Web Dispatcher



upvoted 2 times

  **SteveChai** 4 years, 4 months ago

this question appear in my actual exam that i did.


I choose D. SAP Web Dispatcher

upvoted 2 times

  **Shub94** 4 years, 4 months ago

Shall we say, D. SAP Web Dispatcher is the correct answer? Any thoughts

upvoted 2 times

  **pathfinder** 4 years, 5 months ago

Azure Monitor or Solman both are correct . However the former can only check at OS level load while Solman can check inside the SAP application eg. dialog response time . So I will go with Solman

upvoted 3 times

🗨️ 👤 **Bhagirathi** 4 years, 6 months ago

going into very details...look back the question once again:

You need to validate the load distribution to the application servers.

What should you use?

I will go with Solution Manager for validation ...WDS does the load distribution but SolMan captures the real time load into different app servers.

Azure monitor does not really check load across apps.

upvoted 3 times

🗨️ 👤 **Bhagirathi** 4 years, 6 months ago

Azure Monitor for SAP Solutions is an Azure-native monitoring product for customers, running their SAP landscapes on Azure. The product works with both SAP on Azure Virtual Machines and SAP on Azure Large Instances. With Azure Monitor for SAP Solutions, customers can collect telemetry data from Azure infrastructure and databases in one central location and visually correlate telemetry data for faster troubleshooting.

Azure Monitor for SAP Solutions is offered through Azure Marketplace. It provides a simple, intuitive setup experience and takes only a few clicks to deploy the resource for Azure Monitor for SAP Solutions

upvoted 1 times

🗨️ 👤 **Bhagirathi** 4 years, 6 months ago

SAP Web Dispatcher (SWD)

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

upvoted 2 times

🗨️ 👤 **kohliahshish** 4 years, 7 months ago

The question is asking to "validate" the solution... hence Azure Monitor. With Azure Monitor you can generate key metrics to validate your architecture.

upvoted 4 times

🗨️ 👤 **pearlus** 4 years, 7 months ago

B & C are possible answers. C can provide only up to CPU level while B can provide more in depth info about load distribution. B for me.

upvoted 3 times

🗨️ 👤 **Avanade2023** 4 years, 8 months ago

The answer should be A. SAPControl.

Because the Web Dispatcher is a load balancing component, it cannot be used for validation the load distribution to the AS.

The SAPControl can be used for monitoring whether the application servers are working normally. please refer to:

<https://m1bc.home.blog/2019/09/09/getsysteminstancelist-duplicate-entries/>

upvoted 1 times

🗨️ 👤 **SOUMALYASEN89** 4 years, 6 months ago

no sapcontrol is just used for checking whether all SAP processes are properly running or not for specific instance. Correct answer is Web Dispatcher

upvoted 2 times

🗨️ 👤 **maybelline_ny** 4 years, 10 months ago

Ans:B, use SolMan to run workload monitor?

upvoted 2 times

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.

Hot Area:

Answer Area

Session persistence:

	▼
Client IP	
Client IP and Protocol	
None	

Floating IP (direct server return):

	▼
Disabled	
Enabled	

Answer Area

Suggested Answer:

Session persistence:

	▼
Client IP	
Client IP and Protocol	
None	

Floating IP (direct server return):

	▼
Disabled	
Enabled	

Box 1: Client IP -

The standard load balancer allows stateful sessions to remain as there are no IP address changes with this method.

Box 2: Enabled -

Make sure to enable Floating IP.

References:

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

 **fastlink**  3 years ago

It should session persistence = none, floating ip = enabled. This is cluster setup with single server running at one time. there is no requirement for session persistent and ASCS is a onetime access only. It is not a web application.

upvoted 9 times

 **d0bermannn** 2 years, 2 months ago

best comment here as

'no requirement for session persistent and ASCS is a onetime access only'

upvoted 1 times

 **johnnyj**  3 years, 6 months ago

session persistence = none

floating ip = enabled

https://github.com/MicrosoftLearning/AZ-120-Planning-and-Administering-Microsoft-Azure-for-SAP-Workloads/blob/master/Instructions/AZ-120_Lab01b-Azure_VM_Windows_Clustering.md

upvoted 8 times

🗨️ 👤 **Kalyansarkar** 3 years, 5 months ago

12. From the az12001b-cl-lb1 - Load balancing rules blade, add a network load balancing rule with the following settings:

This is for Network load balancing rule .

upvoted 3 times

🗨️ 👤 **AS007** 3 years, 5 months ago

Given answer seems to be correct, thoughts?

upvoted 6 times

🗨️ 👤 **McDee** 3 years, 5 months ago

session persistence = none

floating ip = enabled

This is correct answer.

upvoted 9 times

🗨️ 👤 **AJ_SAP** 2 years, 6 months ago

this is absolutely correct Ans

upvoted 2 times

🗨️ 👤 **Mtree** Most Recent 6 months, 3 weeks ago

None

Enabled

<https://blogs.sap.com/2022/04/02/sap-on-azure-sap-web-dispatcher-highly-availability-setup-and-virtual-hostname-ip-configuration-with-azure-load-balancer/>

upvoted 1 times

🗨️ 👤 **PS324** 11 months, 1 week ago

Answer provided is correct

<https://help.sap.com/doc/a29eae9079948e2ac594421b23f7e38/3.0.12/en-US/7c2333ab700610148c00dd71f153734f.html>

<https://learn.microsoft.com/en-us/azure/load-balancer/load-balancer-overview>

upvoted 1 times

🗨️ 👤 **gills** 2 years, 10 months ago

Sessions persistence is only none for cookies. Client IP is allowed.

The second one is correct, enabled.

SS

upvoted 2 times

🗨️ 👤 **Shub94** 2 years, 10 months ago

1. None

2. Enabled

upvoted 3 times

🗨️ 👤 **NarenderSingh** 2 years, 11 months ago

https://github.com/MicrosoftLearning/AZ-120-Planning-and-Administering-Microsoft-Azure-for-SAP-Workloads/blob/master/Instructions/AZ-120_Lab01b-Azure_VM_Windows_Clustering.md

From the az12001b-cl-lb0 blade, add a network load balancing rule with the following Session persistence: None

Floating IP (direct server return): Enabled

upvoted 3 times

🗨️ 👤 **MukeshKhamparia** 3 years, 4 months ago

None seems to be correct -


<https://docs.microsoft.com/en-us/azure/load-balancer/load-balancer-distribution-mode>

None (hash-based) - Specifies that successive requests from the same client may be handled by any virtual machine.

Client IP (source IP affinity 2-tuple) - Specifies that successive requests from the same client IP address will be handled by the same virtual machine.

Client IP and protocol (source IP affinity 3-tuple) - Specifies that successive requests from the same client IP address and protocol combination will be handled by the same virtual machine.

upvoted 3 times

  **Kapsy** 3 years, 4 months ago

Ans -

Session persistence: None.

Floating IP: Enabled.

upvoted 4 times

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

Suggested Answer: A

Backup architecture -

⇒ The backup process begins by creating a Recovery services vault in Azure. This vault will be used to store the backups and recovery points created over time.

⇒ The Azure VM running SAP HANA server is registered with the vault, and the databases to be backed-up are discovered. To enable the Azure Backup service to discover databases, a preregistration script must be run on the HANA server as a root user.

⇒ This script creates AZUREWLBACKUPHANAUSER DB user and a corresponding key with the same name in hdbuserstore. Refer to the setting up permissions section to understand more about what the script does.

⇒ Azure Backup Service now installs the Azure Backup Plugin for HANA on the registered SAP HANA server.

⇒ The AZUREWLBACKUPHANAUSER DB user created by the preregistration script is used by the Azure Backup Plugin for HANA to perform all backup and restore operations. If you attempt to configure backup for SAP HANA DBs without running this script, you might receive the following error:

UserErrorHanaScriptNotRun.

⇒ To configure backup on the databases that are discovered, choose the required backup policy and enable backups.

⇒ Once the backup is configured, Azure Backup service sets up the Backint parameters at the DATABASE level on the protected SAP HANA server.

⇒ The Azure Backup Plugin for HANA maintains all the backup schedules and policy details. It triggers the scheduled backups and communicates with the HANA Backup Engine through the Backint APIs.

⇒ The HANA Backup Engine returns a Backint stream with the data to be backed up.


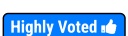
⇒ All the scheduled backups and on-demand backups (triggered from the Azure portal) that are either full or differential are initiated by the Azure Backup Plugin for HANA. However, log backups are managed and triggered by HANA Backup Engine itself.

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>

Community vote distribution

B (100%)

 **deepu_agrawal**  4 years, 6 months ago

This is for HANA on Azure VM , Answer should be No

upvoted 10 times

 **challapalli** 4 years, 1 month ago

HANA running on Azure VMs is yes , HANA LARGE INSTANCES (HLI) running on Bare Metal server will not support to take backup using recovery vault. Answer is NO

upvoted 6 times

 **d0bermann** 3 years, 2 months ago

as hli involved, there is no support, so N

upvoted 2 times

 **bisht3**  4 years, 3 months ago

Correct Answer No

SAP HANA running in Azure Linux VMs only

HANA Large Instances (HLI) Not supported

The backup works only for a single instance of SAP HANA (no scale-out deployments)

Multiple SAP HANA instances on the same VM are not supported

Backup limits Up to 2 TB of full backup size per SAP HANA instance

upvoted 10 times

🗳️ 👤 **4c78df0** Most Recent 7 months, 1 week ago

Selected Answer: B

Incorrect. Answer is B.

upvoted 1 times

🗳️ 👤 **7deadlysins** 2 years, 3 months ago

The answer should be No.

SAP HANA Backups via Azure Backup Plugin for HANA has following information with respect to HANA Topology:

Supported: SAP HANA running in Azure Linux VMs only

Not Supported: HANA Large Instances (HLI)

Reference:

<https://blogs.sap.com/2021/02/24/backup-and-recovery-of-sap-hana-database-on-azure-using-azure-backup-plugin-for-hana-part-i/>

upvoted 1 times

🗳️ 👤 **BimalMehta** 3 years, 8 months ago

Answer should be No since its about HLI

upvoted 3 times

🗳️ 👤 **Shub94** 3 years, 10 months ago

Answer: NO

upvoted 3 times

🗳️ 👤 **NarenderSingh** 3 years, 11 months ago

Answer should be No since its about HLI

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

upvoted 2 times

🗳️ 👤 **SOUMALYASEN89** 3 years, 11 months ago

Correct answer is Yes.

<https://docs.microsoft.com/en-us/azure/backup/backup-azure-sap-hana-database>

how to back up SAP HANA databases that are running on Azure VMs to an Azure Backup Recovery Services vault.

upvoted 1 times

🗳️ 👤 **vivek04** 3 years, 11 months ago

Its a bare metal server not a VM. Please dont confuse...

upvoted 5 times

🗳️ 👤 **Bhagirathi** 4 years ago

it is NO.

upvoted 2 times

🗳️ 👤 **challapalli** 4 years, 1 month ago

Please note, Hana Large Instance runs Bare Metal server , Not on Hana M Series VM. In this case Recovery Vault is not supported to take backups on Hana Large Instances (HLI)

upvoted 3 times

🗳️ 👤 **challapalli** 4 years, 1 month ago

SAP HANA on Azure (HANA Large Instances) which is a non-virtualized, bare metal, high-performance server for the SAP HANA database.Recovery Services vault and a backup policy is not supported. Answer is NO.

upvoted 2 times

🗳️ 👤 **challapalli** 4 years, 1 month ago

SAP HANA on Azure (HANA Large Instances) which is a non-virtualized, bare metal, high-performance server for the SAP HANA database. Recovery Services vault and a backup policy is not supported. Answer is NO , A big #NO.

upvoted 3 times

🗨️ 👤 **sap_umesh** 4 years, 4 months ago

The Answer is No.. HLI is not supported in Recovery Services.. See <https://docs.microsoft.com/en-gb/azure/backup/sap-hana-backup-support-matrix>
upvoted 5 times

🗨️ 👤 **praveenkumarh1912** 4 years, 4 months ago

Azure backint policy of HANA DB is only available for VM's. Not for HLI's. Answer should be NO.
upvoted 3 times

🗨️ 👤 **juanvepe** 4 years, 4 months ago

<https://docs.microsoft.com/en-us/azure/virtual-machines/workloads/sap/hana-backup-restore>
upvoted 1 times

🗨️ 👤 **juanvepe** 4 years, 4 months ago

SAP HANA on Azure (Large Instances) offers two backup and restore options:

Do it yourself (DIY). After you make sure that there's enough disk space, perform full database and log backups by using one of the following disk backup methods. You can back up either directly to volumes attached to the HANA Large Instance units or to NFS shares that are set up in an Azure virtual machine (VM). In the latter case, customers set up a Linux VM in Azure, attach Azure Storage to the VM, and share the storage through a configured NFS server in that VM. If you perform the backup against volumes that directly attach to HANA Large Instance units, copy the backups to an Azure storage account. Do this after you set up an Azure VM that exports NFS shares that are based on Azure Storage. You can also use either an Azure Backup vault or Azure cold storage.

<https://docs.microsoft.com/en-us/azure/virtual-machines/workloads/sap/hana-backup-restore>
upvoted 2 times

🗨️ 👤 **Kapsy** 4 years, 4 months ago

Ans - No.

HANA HLI cannot be backed up using Azure backint and put into Azure Recovery service vault. Disk backup and storage snapshots are supported for HANA HLI.

upvoted 2 times

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
SAP HANA certification for M-Series Azure virtual machines requires that Write Accelerator be enabled on the /hana/data volume.	<input type="radio"/>	<input type="radio"/>
SAP HANA certification for M-Series Azure virtual machines requires that Write Accelerator be enabled on the /hana/log volume.	<input type="radio"/>	<input type="radio"/>
To enable Write Accelerator, you must use Azure Premium managed disks.	<input type="radio"/>	<input type="radio"/>

Suggested Answer:

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.	<input type="radio"/>	<input checked="" type="radio"/>
SAP HANA certification for M-Series Azure virtual machines requires that Write Accelerator be enabled on the /hana/log volume.	<input checked="" type="radio"/>	<input type="radio"/>
To enable Write Accelerator, you must use Azure Premium managed disks.	<input checked="" type="radio"/>	<input type="radio"/>

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>

AS007 Highly Voted 3 years, 11 months ago

Azure Write Accelerator is a functionality that is available for Azure M-Series VMs exclusively. As the name states, the purpose of the functionality is to improve I/O latency of writes against the Azure premium storage. For SAP HANA, Write Accelerator is supposed to be used against the /hana/log volume only

upvoted 16 times

Kapsy Highly Voted 3 years, 11 months ago

Ans - No, Yes, Yes.

upvoted 12 times

ITDog99 Most Recent 1 year ago

N, Y, Y

<https://learn.microsoft.com/en-us/azure/virtual-machines/how-to-enable-write-accelerator>

"Write Accelerator is a disk capability for M-Series Virtual Machines (VMs) on Premium Storage with Azure Managed Disks exclusively."

upvoted 1 times

🗨️ 👤 **d0bermannn** 2 years, 8 months ago

correct nyy

upvoted 2 times

🗨️ 👤 **Sjn9** 3 years, 1 month ago

No, Yes, Yes

upvoted 4 times

🗨️ 👤 **sumedh01** 3 years, 4 months ago

Solutions with premium storage and Azure Write Accelerator for Azure M-Series virtual machines

Azure Write Accelerator is a functionality that is available for Azure M-Series VMs exclusively.

As the name states, the purpose of the functionality is to improve I/O latency of writes against the Azure premium storage. For SAP HANA, Write Accelerator is supposed to be used against the /hana/log volume only. Therefore, the /hana/data and /hana/log are separate volumes with Azure Write Accelerator supporting the /hana/log volume only.

Important

When using Azure premium storage, the usage of Azure Write Accelerator for the /hana/log volume is mandatory. Write Accelerator is available for premium storage and M-Series and Mv2-Series VMs only. Write Accelerator is not working in combination with other Azure VM families, like Esv3 or Edsv4.

upvoted 3 times

🗨️ 👤 **Shub94** 3 years, 4 months ago

Shall we say, No, Yes, Yes

upvoted 3 times

🗨️ 👤 **d0bermannn** 2 years, 9 months ago

we must to say exactly that=NYN)

upvoted 1 times

🗨️ 👤 **NarenderSingh** 3 years, 5 months ago

Ans - No-Yes-No

Write accelerator need premium disk on M-Series

upvoted 3 times

🗨️ 👤 **SteveChai** 3 years, 4 months ago

Agree: the answer should be No-Yes-No.

As refer to <https://docs.microsoft.com/en-us/azure/virtual-machines/workloads/sap/hana-vm-operations-storage>

When using Azure premium storage, the usage of Azure Write Accelerator for the /hana/log volume is mandatory. Write Accelerator is available for premium storage and M-Series and Mv2-Series VMs only. Write Accelerator is not working in combination with other Azure VM families, like Esv3 or Edsv4.

on M-Series, only.

The question just mention "To enable Write Accelerator, you must use Azure Premium managed disks" , it didn't mentioned M-Series, the answer for this, should be NO.

upvoted 3 times

🗨️ 👤 **Bhagirathi** 3 years, 6 months ago

No , YES & YES - is this sounds good for you all?

upvoted 4 times

🗨️ 👤 **juanvepe** 3 years, 10 months ago

<https://docs.microsoft.com/en-us/azure/virtual-machines/linux/how-to-enable-write-accelerator>

<https://azure.microsoft.com/en-us/blog/write-accelerator-for-m-series-virtual-machines-now-generally-available/>

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

Azure premium storage - /hana/log is required to be supported by Azure Write Accelerator. The /hana/data volume could be placed on premium storage without Azure Write Accelerator or on Ultra disk

upvoted 3 times

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 Load Balancer Standard
- C. Azure Virtual WAN
- D. Azure Active Directory (Azure AD) Application Proxy

Suggested Answer: B

Community vote distribution

B (100%)

 **pvrhere** 12 months ago

Selected Answer: B

Standard LB work across zones

upvoted 1 times

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.

Actions

Create a host group

Create a proximity placement group

Create an Availability Set

Deploy the application tier in the Azure virtual machines

Deploy SQL Server on Azure virtual machines

Answer Area**Correct Answer:****Answer Area**

Create a proximity placement group

Create an Availability Set

Deploy SQL Server on Azure virtual machines

Deploy the application tier in the Azure virtual machines

Currently there are no comments in this discussion, be the first to comment!

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 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 Migrate
- C. /SDF/HDB_SIZING
- D. SQL Server Management Studio (SSMS)

Suggested Answer: C

Community vote distribution

C (100%)

 **smudo1965** 12 months ago

Selected Answer: C

Following this answer is correct

<https://blogs.sap.com/2021/05/06/how-to-install-run-the-abap-on-hana-sizing-report-sap-note-1872170-a-step-by-step-guide/>
upvoted 2 times

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

Suggested Answer: D

  **c776fd4** 9 months, 4 weeks ago

Should update the choice as Microsoft defender for cloud
upvoted 1 times

  **Shadow983** 1 year, 1 month ago

Answer is correct.
But...now it's called "Defender for Cloud"
upvoted 3 times

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 Area

Application:

	▼
Ev3-series of Azure virtual machines	
HANA on Azure (Large Instances)	
M-series of Azure virtual machines	

Database:

	▼
Ev3-series of Azure virtual machines	
HANA on Azure (Large Instances)	
M-series of Azure virtual machines	

Answer Area

Suggested Answer:

Application:	▼
Ev3-series of Azure virtual machines	
HANA on Azure (Large Instances)	
M-series of Azure virtual machines	
Database:	▼
Ev3-series of Azure virtual machines	
HANA on Azure (Large Instances)	
M-series of Azure virtual machines	

 **smudo1965** 11 months, 1 week ago

answer seems to be correct

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

upvoted 1 times

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.

Answer Area

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

Suggested Answer:

Deploy HANA and NetWeaver to:

Networking configuration:


Validate network performance by using:


Answer Area


☐ An availability set
☐ An availability zone
☒ A proximity placement group

☒ Enable Write Accelerator
☐ Deploy Expressroute Direct
☐ Enable Accelerated Networking

☐ ABAPMeter
☐ Apache JMeter
☒ Network Performance Monitor

 **fenth7** Highly Voted 1 year, 9 months ago
write accelerator is for discs. Networking accelerator for network.
upvoted 7 times

 **Shadow983** 1 year, 7 months ago
Agree. The second answer should be "Enable Networking Accelerator"
upvoted 3 times

 **stevehai** Most Recent 6 months, 3 weeks ago
agree, 2nd answer should "Enable Networking Accelerator"
upvoted 1 times

  **smudo1965** 12 months ago

Networking accelerator for network. second question

upvoted 1 times

  **mrriboul** 1 year ago

Write Accelerator is a disk capability for M-Series Virtual Machines (VMs) on Premium Storage with Azure Managed Disks exclusively.

Reference:

<https://learn.microsoft.com/en-us/azure/virtual-machines/how-to-enable-write-accelerator>

upvoted 1 times

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
You must split data files and database logs between different Azure virtual disks to increase the database read/write performance	<input type="radio"/>	<input type="radio"/>
Enabling Accelerate Networking on virtual NICs for all SAP servers will reduce network latency between the servers	<input type="radio"/>	<input type="radio"/>
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	<input type="radio"/>	<input type="radio"/>

Answer Area

Statements	Yes	No
You must split data files and database logs between different Azure virtual disks to increase the database read/write performance	<input checked="" type="radio"/>	<input type="radio"/>
Enabling Accelerate Networking on virtual NICs for all SAP servers will reduce network latency between the servers	<input checked="" type="radio"/>	<input type="radio"/>
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	<input type="radio"/>	<input checked="" type="radio"/>

Suggested Answer:

tmtrg000 Highly Voted 1 year, 8 months ago
Y-Y-Y

1.Splitting data files and database logs between different Azure virtual disks can improve the read/write performance of a database. By doing so, the workload can be distributed over multiple disks, resulting in better I/O performance.

2.Accelerated Networking is a feature in Azure that can help to reduce network latency between virtual machines. By enabling Accelerated Networking, you can offload some of the networking processing to the NIC hardware, which can result in reduced CPU usage and lower network latency.

3.The Maximum Transmission Unit (MTU) size determines the maximum size of a packet that can be transmitted over a network. If the MTU sizes are not the same between the SAP HANA on Azure (Large Instances) and the SAP application servers, this can result in packet fragmentation and retransmission, which can increase CPU utilization and network latency. Setting the MTU on the primary network interface to match the MTU on SAP application servers can help to reduce these issues.

upvoted 5 times

smudo1965 Most Recent 11 months, 1 week ago
Agree with the statement
Y-Y-Y
upvoted 1 times

HOTSPOT

-

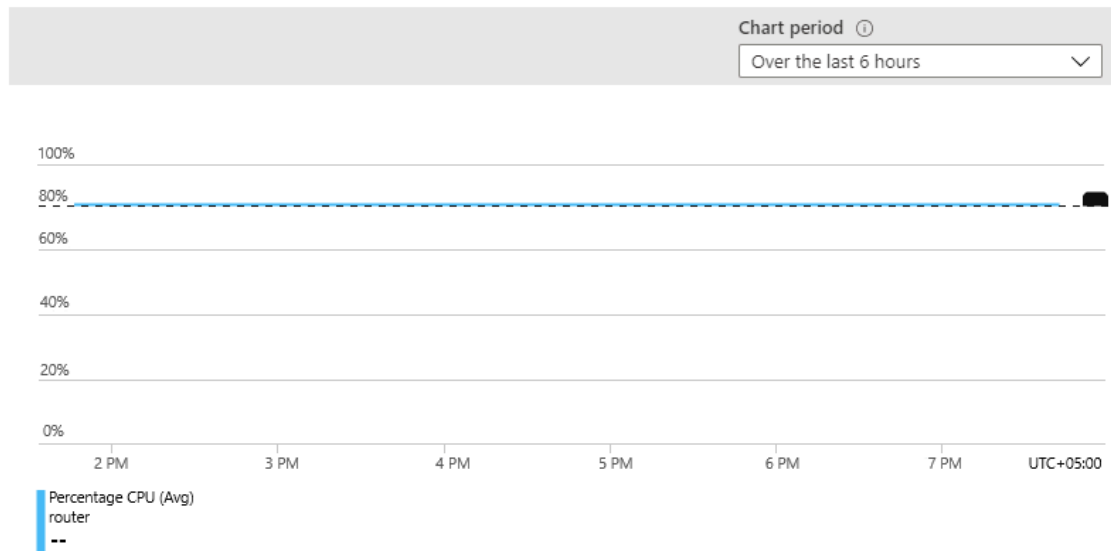
You have an SAP production landscape that uses SAP HANA databases.

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

Configure signal logic

Percentage CPU (Platform)

The percentage of allocated compute units that are currently in use by the Virtual Machine(s)



Alert logic

Threshold ⓘ

Static

Dynamic

Operator ⓘ

Greater than

Aggregation type * ⓘ

Average

Threshold value * ⓘ

80

%

Condition preview

Whenever the percentage cpu us greater then 80 %

Evaluated based on

Aggregation granularity (Period) * ⓘ

15 minutes

Frequency of evaluation ⓘ

Every 5 Minutes

You have an action group shown in the following exhibit.

HANA Admins

 Save  Discard  Refresh  Delete

Short name

HANA Admins

Action group name

HANA Admins

Resource group

default-activitylogalerts

Subscription

Corporate Subscription

Actions

Action group name*	Action Type*	Status	Configure	Action
hanaadmins_email	Email/SMS/Push/Voice	Subscribed	Edit details	X
amy_email	Email/SMS/Push/Voice	Subscribed	Edit details	X

Select an action type

▼

The amy_email is configured as shown in the following exhibit.

Email/SMS/Push/Voice

Add or edit an Email/SMS/Push/Voice action

☒ Email

Email* amy@contoso.com

☐ SMS (Carrier charges may apply)

Country code 1

Phone number 1234567890

☐ Azure app Push Notifications

Azure account email ⓘ email@example.com

☐ Voice

Country code 1

Phone number 1234567890

Enable the common alert schema. [Learn more](#)

YesNo

OK

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
HANA Admins will be alerted by email if the server is at 85 percent for one minute, and then lowers to 40 percent	<input type="radio"/>	<input type="radio"/>
HANA Admins will be alerted if the server is at 95 percent for 15 minutes	<input type="radio"/>	<input type="radio"/>
Amy@contoso.com will be alerted by email if the server CPU cycles between 80 and 90 percent for 15 minutes	<input type="radio"/>	<input type="radio"/>

Correct Answer:

Answer Area

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	<input type="radio"/>	<input checked="" type="radio"/>
HANA Admins will be alerted if the server is at 95 percent for 15 minutes	<input checked="" type="radio"/>	<input type="radio"/>
Amy@contoso.com will be alerted by email if the server CPU cycles between 80 and 90 percent for 15 minutes	<input checked="" type="radio"/>	<input type="radio"/>

Currently there are no comments in this discussion, be the first to comment!

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

Suggested Answer: B

Community vote distribution



 **4c78df0** 7 months, 1 week ago

Selected Answer: B

correct

upvoted 1 times

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. Azure Basic Load Balancer
- B. Azure Load Balancer Standard
- C. Azure Virtual WAN
- D. Azure Application Gateway v1

Suggested Answer: B

Community vote distribution

B (100%)

  **MadPanda** 1 year ago

Selected Answer: B

Basic Load Balancer is not supported between different zones.

upvoted 1 times

HOTSPOT

-

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 Area

HANA database and log volumes:

I/O fencing:

Answer Area

Suggested Answer:

HANA database and log volumes:

I/O fencing:

 **tmtrg000** Highly Voted 9 months ago

Hana DB and log volumes: NFSv4 volumes
I/O fencing: An SBD device

Hana DB and log volumes: Use NFSv4 volumes for the HANA database and log volumes. NFSv4 provides improved performance and security compared to NFSv3, and it supports a highly available deployment of SAP HANA on Azure virtual machines.

I/O fencing: Use an SBD (Storage-Based Death) device for I/O fencing. SBD devices help manage and monitor the I/O fencing in a highly available SAP HANA deployment, ensuring that host auto-failover works correctly in case of failures, while minimizing the cost compared to other fencing solutions.
upvoted 5 times

You are designing an SAP on Azure production landscape.

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. a fusion group
- C. an availability set
- D. a proximity placement group

Suggested Answer: A

Community vote distribution

A (100%)

 **MadPanda** 1 year ago

Selected Answer: A

A is correct.

upvoted 2 times

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. a virtual machine scale set
- C. a proximity placement group
- D. an Availability Set

Suggested Answer: C

Community vote distribution



  **MadPanda** 1 year ago

Selected Answer: C

C is correct.

upvoted 2 times

DRAG DROP

You have an Azure virtual machine named VM1 that runs SUSE Linux Enterprise Server (SLES) 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.

Actions

- From Azure Cloud Shell, run `az extension add`.
- From Azure Cloud Shell, run `az vm aem set`.
- On VM1, restart the SAP Host Agent.
- On VM1, run `curl http://127.0.0.1:11812/azure4sap/metrics`.
- From Azure Cloud Shell, run `az login`.

Answer Area

Suggested Answer:

From Azure Cloud Shell, run `az login`.

From Azure Cloud Shell, run `az vm aem set`.

On VM1, restart the SAP Host Agent.

 **Moziality** Highly Voted 7 months, 2 weeks ago

Please see the correct link and steps below :

<https://learn.microsoft.com/en-us/azure/sap/workloads/vm-extension-for-sap-standard#c691e304-3524-4bfd-8612-992d5715a689>

The correct steps and order are:

1. Sign in with your Azure account:

```
***az login
```

2. Install the Azure CLI AEM Extension. Ensure that you use version 0.2.2 or later.

```
****az extension add --name aem
```

3. Enable the extension:

```
****az vm aem set -g <resource-group-name> -n <vm name>
```

upvoted 5 times

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.

Azure virtual machine series	Answer Area
B-Series	SAP Central Services (SCS): <input type="text"/> SAP HANA: <input type="text"/>
D-Series	
M-Series	
N-Series	

Answer Area

Suggested Answer:

SAP Central Services (SCS):	<input type="text" value="B-Series"/>
SAP HANA:	<input type="text" value="M-Series"/>

dnt91 Highly Voted 1 year, 8 months ago

SAP Central Services : D-Series.

B series are never used for production environment.

For general purpose workloads, Microsoft recommends A or D series.

<https://learn.microsoft.com/en-us/training/modules/identify-sap-certified-configurations/3-identify-deployment-options-sap-solutions-on-azure>
upvoted 6 times

smudo1965 Most Recent 11 months, 1 week ago

SAP CS - D Series

<https://www.sap.com/dmc/exp/2014-09-02-hana-hardware/enEN/#!/solutions?filters=v:deCertified;ve:24;iaas:v:125;v:105;v:99;v:120>
upvoted 2 times

ukocloud 1 year, 2 months ago

B- Series are not supported check SAP note <https://me.sap.com/notes/1928533/E>

upvoted 1 times

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. Azure Basic Load Balancer
- B. Azure Load Balancer Standard
- C. Azure Private Link
- D. Azure AD Application proxy

Suggested Answer: B

Community vote distribution

B (100%)

 **4c78df0** 7 months, 1 week ago

Selected Answer: B

B is correct.

upvoted 1 times

You have an Azure subscription that contains an SAP landscape. The landscape uses Azure AD user authentication.

You need to configure single sign-on (SSO) authentication for SAP HANA and SAP Cloud Platform. The solution must support conditional access policies.

What should you configure?

- A. Windows Authentication
- B. Azure AD Identity Protection
- C. LDAP
- D. SAP Cloud Platform Identity Authentication

Suggested Answer: C



Community vote distribution

B (100%)

  **dnt91** Highly Voted 1 year, 2 months ago



Selected Answer: B

Azure AD Identity Protection for conditional access
upvoted 6 times

  **nilsson123** Most Recent 4 months, 1 week ago

Selected Answer: B

Azure AD Identity Protection provides advanced security features, including conditional access policies, which help protect against identity-based threats and ensure secure access to applications like SAP HANA and SAP Cloud Platform.
upvoted 1 times

  **Ragdoll** 9 months, 1 week ago

Selected Answer: B

LDAP? No, AD Identity Protection
upvoted 1 times

  **ITDog99** 1 year ago

B

<https://learn.microsoft.com/en-us/azure/active-directory/identity-protection/concept-identity-protection-policies#identity-protection-policies>
upvoted 1 times

  **MadPanda** 1 year ago

Selected Answer: B

Azure AD Identity Protection is more accurate to the question condition: conditional access is required.
upvoted 1 times

  **tmtrg000** 1 year, 2 months ago

Selected Answer: B

Azure AD Identity Protection is correct
upvoted 2 times

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 AD service principals
- B. Azure Key Vault secrets
- C. network security groups (NSGs)
- D. Azure Application Gateway and firewall rules

Suggested Answer: D

Community vote distribution

C (100%)

🗳️ 👤 **nilsson123** 4 months, 1 week ago

Selected Answer: C

Network Security Groups (NSGs) are used to control inbound and outbound traffic to Azure resources. By applying NSGs, you can create security rules that allow or deny traffic based on source and destination IP addresses, port numbers, and protocols. This way, you can ensure that only the application and management servers have access to the database servers subnet.

upvoted 1 times

🗳️ 👤 **aeda24b** 9 months ago

Agree with the proposed solution

upvoted 1 times

🗳️ 👤 **smudo1965** 11 months, 1 week ago

Selected Answer: C

Mentioned several time in the documentation

upvoted 1 times

🗳️ 👤 **ukocloud** 1 year, 2 months ago

Is clearly NSG

<https://learn.microsoft.com/en-us/azure/sap/workloads/hana-vm-operations>

upvoted 1 times

🗳️ 👤 **Ragdoll** 1 year, 3 months ago

Selected Answer: C

Use NSGs. AGW is only for layer 7 communication, not for database.

upvoted 1 times

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

Suggested Answer: A

Community vote distribution

A (100%)

🗳️ 👤 **45d6297** 5 months ago

Selected Answer: A

However, as ASGs dictate the outbound connectivity allowed.

upvoted 1 times

🗳️ 👤 **aeda24b** 9 months ago

ASG is a logical definition , its help to minimize use of NSG , but dont filter any traffic.

The answer is B

upvoted 4 times

🗳️ 👤 **smudo1965** 11 months, 1 week ago

Selected Answer: A

Correct.

upvoted 1 times

🗳️ 👤 **Ragdoll** 1 year, 3 months ago

Selected Answer: A

Correct.

upvoted 1 times

DRAG DROP

-

You have an Azure 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

Answer Area

Configure the SAML settings for the Identifier and Reply URL.

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, 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.

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



Answer Area

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

Configure the SAML settings for the Identifier and Reply URL.

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

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

Suggested Answer:

smudo1965 10 months, 3 weeks ago

given answer is correct

<https://learn.microsoft.com/en-us/entra/identity/saas-apps/sap-hana-cloud-platform-identity-authentication-tutorial>

upvoted 1 times

HOTSPOT

-

You plan to deploy an SAP production landscape on Azure.

You need to identify which virtual machine series to use for the SAP HANA role and the SAP Central Services (SCS) role. The solution must meet the following requirements:

- Provide 384 GB of memory for the HANA role.
- Support ultra disks for the HANA role.
- Meet SAP certification.
- Minimize costs.

Which virtual machine series should you identify for each role? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

HANA: ▼
A-Series
D-Series
E-Series

SCS: ▼
A-Series
B-Series
E-Series

Answer Area**Suggested Answer:**

HANA: ▼
A-Series
D-Series
E-Series

SCS: ▼
A-Series
B-Series
E-Series

  **srishigupta** 3 months, 1 week ago

HANA - D Series

SCS - E series

upvoted 1 times

  **smudo1965** 11 months, 1 week ago

Not sure about the answer. Following this:

Bs-series VMs are economical virtual machines that provide a low-cost option for workloads that typically run at a low to moderate baseline CPU utilization, but sometimes need to burst to significantly higher CPU utilization when the demand rises. Bs-series VMs are not hyperthreaded.

Example workloads include development and test servers, low-traffic web servers, small databases, micro services, servers for proof-of-concepts, build servers.

B Series are not correct which means E-Series

upvoted 1 times

HOTSPOT

-

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

Name	Type
RG1	Resource group
VM1	Virtual machine
corpsoftware	Azure 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 JRE {
    Import-DscResource -ModuleName xPSDesiredStateConfiguration
    Package Installer
    {
        Ensure = 'Present'
        Name = "Java 8"
        Path = "\\File01\Software\JreInstall.exe"
        Arguments = "/x REBOOT=0 SPONSORS=0 REMOVEOUTOFDATEJRES=1 INSTALL_SILENT=1 AUTO_UPDATE=0 EULA=0"
        ProductId = "26A24AE4-039D-4CA4-87B4-2F64180101F0"
    }
}
```

You need to deploy the DSC configuration to VM1.

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

▼

Import-AzAutomationDscConfiguration
Set-AzAutomationDSCNode
Set-AzVMDscExtension
Set-AzVMExtension

-ResourceGroupName RG1 -VMName VM1 -ArchiveStorageAccountName corpsoftware -ArchiveBlobName 'JREInstall.ps1.zip'

-AutoUpdate -ConfigurationName

▼

Installer
Java 8
JRE
JREInstall

▼

Import-AzAutomationDscConfiguration
Set-AzAutomationDSCNode
Set-AzVMDscExtension
Set-AzVMExtension

-ResourceGroupName RG1 -VMName VM1 -ArchiveStorageAccountName corpsoftware -ArchiveBlobName 'JREInstall.ps1.zip'

-AutoUpdate -ConfigurationName

▼

Installer
Java 8
JRE
JREInstall

Suggested Answer: Set-AzVMDscExtension

upvoted 3 times

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 datacentre fails in the East US region.
- Hybrid connectivity costs must be minimized.

Which ExpressRoute gateway SKU should you use?

- A. High Performance
- B. ErGw3Az
- C. Ultra Performance
- D. ErGw1AZ

Suggested Answer: B

Community vote distribution

C (100%)

🗳️ 👤 **Maksymenko** 4 months, 4 weeks ago

Selected Answer: B

There is demand - ReHybrid connectivity must be maintained if a single datacentre fails in the East US region.

upvoted 1 times

🗳️ 👤 **4c78df0** 7 months, 1 week ago

Selected Answer: C

C is correct.

upvoted 2 times

🗳️ 👤 **smudo1965** 11 months, 1 week ago

Selected Answer: C

C is correct

upvoted 1 times

🗳️ 👤 **Ragdoll** 1 year, 3 months ago

Selected Answer: C

ER FastPath supports only the Ultra and ErGw3AZ.

<https://learn.microsoft.com/en-us/azure/expressroute/about-fastpath#gateways>

Also, the question states the Standard is in use. Only High Performance and Ultra Performance are supported as an upgrade.

<https://learn.microsoft.com/en-us/azure/expressroute/expressroute-about-virtual-network-gateways#gwsku>

upvoted 4 times

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

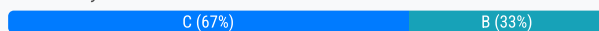
The deployment is forecasted to require an additional 256 GB of storage.

What is the minimum amount of additional storage you can allocate?

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

Suggested Answer: C

Community vote distribution



🗨️ 👤 **4c78df0** 7 months, 1 week ago

Selected Answer: C

correct

upvoted 3 times

🗨️ 👤 **smudo1965** 10 months, 4 weeks ago

Selected Answer: C

Given answer is correct

ignore my comment below

upvoted 1 times

🗨️ 👤 **smudo1965** 11 months, 1 week ago

Selected Answer: B

Following this it is B

<https://learn.microsoft.com/en-us/azure/sap/large-instances/hana-storage-architecture>

upvoted 1 times

🗨️ 👤 **25max** 4 months, 2 weeks ago

in the article above:

If you need more storage, you can buy more in 1-TB units. The extra storage may be added as more volume or used to extend one or more of the existing volumes.

upvoted 1 times

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 configure networking for SQL1 and SQL2. The solution must meet the following requirements:

- Eliminate the need to create a distributed network name (DNN).
- Minimize costs.

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

NOTE: Each correct selection is worth one point.

Answer Area

Deploy SQL1 and SQL2 to:

- The same subnet on a virtual network
- Two different subnets on the same virtual network
- Two different virtual networks

Configure IP addressing by:

- Assigning two different IP addresses to the availability group listener
- Assigning two IP addresses to the primary network interface on each virtual machine
- Creating two network interfaces on each virtual machine and assigning a different IP address to each interface

Answer Area

Deploy SQL1 and SQL2 to:

- The same subnet on a virtual network
- Two different subnets on the same virtual network
- Two different virtual networks

Suggested Answer: Configure IP addressing by:

- Assigning two different IP addresses to the availability group listener
- Assigning two IP addresses to the primary network interface on each virtual machine
- Creating two network interfaces on each virtual machine and assigning a different IP address to each interface

 **25max** 4 months, 2 weeks ago

First is correct:

Network configuration

Deploy your SQL Server VMs to multiple subnets whenever possible to avoid the dependency on an Azure Load Balancer or a distributed network name (DNN) to route traffic to your availability group listener.

<https://learn.microsoft.com/en-us/azure/azure-sql/virtual-machines/windows/availability-group-overview?view=azuresql#network-configuration>
upvoted 1 times

 **smudo1965** 10 months, 3 weeks ago

Following this

<https://learn.microsoft.com/en-us/azure/azure-sql/virtual-machines/windows/hadr-cluster-best-practices?view=azuresql&tabs=windows2012#connectivity>

and this

<https://learn.microsoft.com/en-us/sql/database-engine/availability-groups/windows/listeners-client-connectivity-application-failover?view=sql-server-ver16>

First answer is correct second answer should be the first

upvoted 3 times

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

1

2

3

4

Answer Area

NSGs:

Subnets:

Answer Area



Suggested Answer:

NSGs:

3

Subnets:

1

 **smudo1965**  11 months, 1 week ago

following this

<https://learn.microsoft.com/en-us/azure/architecture/guide/sap/sap-whole-landscape>

and this

<https://learn.microsoft.com/en-us/azure/virtual-network/network-security-group-how-it-works>

I would change the number of networks to 3

upvoted 5 times

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. Azure Virtual WAN
- B. Azure Basic Load Balancer
- C. Azure Application Gateway v2
- D. Azure AD Application Proxy

Suggested Answer: C

Community vote distribution

C (100%)

  **smudo1965** 11 months, 1 week ago

Selected Answer: C

given answer is correct

upvoted 1 times

DRAG DROP

-

You have an SAP ERP Central Component (SAP ECC) 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.

NOTE: Each correct selection is worth one point.

Components

ABAP Central Services (ASCS)

Primary Application Server (PAS)

SAP Web Dispatcher

VM1

Answer Area

Modify the instance profile for:

Run the SNC Kerberos Configuration for SAP GUI on:

Configure SAP Logon on:

Suggested Answer:**Answer Area**

Modify the instance profile for:

VM1

Run the SNC Kerberos Configuration for SAP GUI on:

ABAP Central Services (ASCS)

Configure SAP Logon on:

SAP Web Dispatcher

🗨️ 👤 **ManojHasani** Highly Voted 1 year, 2 months ago

The correct answer should be

PAS

VM1

VM1

There is no web dispatcher being used.

upvoted 6 times

🗨️ 👤 **smudo1965** 11 months, 1 week ago

Not sure you are right

Following this

https://help.sap.com/docs/SAP_SINGLE_SIGN-ON/df185fd53bb645b1bd99284ee4e4a750/942edf9ffb604cd1ae375a86e3b25c4f.html

the 2nd answer is correct

My thinking is

PAS

ASCS

VM1

upvoted 2 times

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. Network Performance Monitor
- B. Iometer
- C. Connection Monitor in Azure Network Watcher
- D. SockPerf

Suggested Answer: C

Community vote distribution

C (100%)

  **4c78df0** 7 months, 1 week ago

Selected Answer: C

correct

upvoted 2 times

You have 100 Azure virtual machines that host SAP workloads and have the SAP Host Agent and the SAP Adaptive Extensions installed.

You plan to deallocate the virtual machines during non-business hours.

You need to change the managed disk type of the virtual machines when they are deallocated. The solution must minimize administrative effort.



What should you use?

- A. SAP Information Lifecycle Management (ILM)
- B. SAP Landscape Management (LaMa)
- C. Azure Functions
- D. Azure Automation

Suggested Answer: D

Community vote distribution

D (100%)

  **4c78df0** 7 months, 1 week ago

Selected Answer: D

correct

upvoted 1 times

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

Suggested Answer: D

Community vote distribution

B (100%)

  **4c78df0** 7 months, 1 week ago

Selected Answer: B

incorrect. Answer is B.

upvoted 2 times

  **srishigupta** 1 year ago

It Should be HCMT.

upvoted 3 times

HOTSPOT

-

You have an on-premises SAP landscape.

You plan to deploy SAP HANA on Azure (Large Instances) to the landscape.

You need to recommend a networking solution that meets the following requirements:

- Ensures low latency between HANA Large Instances and SAP applications
- Supports using SAP Solution Manager on-premises

How should you recommend configuring the network? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

To connect to HANA Large Instances, use:

Azure Virtual WAN
ExpressRoute Direct
ExpressRoute FastPath

Place Azure virtual machines in the same:

Instance pool
Resource group
Proximity placement group

For transitive routing, use:

Azure Firewall
Azure Traffic Manager
Azure Application Gateway

Answer Area

To connect to HANA Large Instances, use:

Azure Virtual WAN
ExpressRoute Direct
ExpressRoute FastPath

Place Azure virtual machines in the same:

Instance pool
Resource group
Proximity placement group

For transitive routing, use:



Azure Firewall
Azure Traffic Manager
Azure Application Gateway

Suggested Answer:

  **stevethai** 1 year ago

agree with ExpressRoute Fastpath for answer #1. rest is correct.

upvoted 1 times

  **smudo1965** 1 year, 5 months ago

Following this given asnwer is correct

<https://learn.microsoft.com/en-us/azure/sap/large-instances/hana-network-architecture>

upvoted 1 times

HOTSPOT

-

You plan to deploy an SAP Web Dispatcher named SAP2 by using an Azure Resource Manager template.

You need to configure the template to support the deployment.

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

NOTE: Each correct selection is worth one point.

Answer Area

```
{
  "$schema": "1.0.0.0",
  "contentVersion": "1.0.0.0",
  "parameters": {
  },
  "variables": {
  },
  "resources": [
    {
      "apiVersion": "2019-11-01",
      "type": "Microsoft.Network/networkInterfaces",
      "name": "SAP2-NI",
      "location": "[ResourceGroup().location]",
      "properties": {
        "ipConfigurations": [
          {
            "name": "ipconfig1",
            "properties": {
              "privateIPAllocationMethod": "Dynamic",
              "subnet": {
                "id": "[
                   (resourceId('Microsoft.Network/virtualNetworks', 'VNET1'), '/subnets/default'))"
                }
              }
            ],
            "enableAcceleratedNetworking": true
          }
        ],
        {
          ...
        },
        {
          "osDisk": {
            "name": "SAP2-OS",
            "caching": "ReadWrite",
            "createOption": "FromImage",
            "diskSizeGB": 128,
            "managedDisk": {
              "storageAccountType": "[parameters('StorageType')]"
            }
          },
          "copy": [
            {
              "name": "DataDisks",
              "count": "3",
              "input": {
                "Caching": "None",
                "diskSizeGB": 2048,
                "lun": "[
                   ('datadisks')]",
                "name": "[
                   ,copyIndex('datadisks')]",
                "createOpt"
              }
            }
          ]
        }
      ]
    }
  ]
}
```

Answer Area

```
{
  "$schema": "1",
  "/": "https://schema.management.azure.com/schemas/2015-01-01/deploymentTemplate.json#",
  "contentVersion": "1.0.0.0",
  "parameters": {
  },
  "variables": {
  },
  "resources": [
    {
      "apiVersion": "2019-11-01",
      "type": "Microsoft.Network/networkInterfaces",
      "name": "SAP2-NI",
      "location": "[ResourceGroup().location]",
      "properties": {
        "ipConfigurations": [
          {
            "name": "ipconfig1",
            "properties": {
              "privateIPAllocationMethod": "Dynamic",
              "subnet": {
                "id": "[
                  (resourceId('Microsoft.Network/virtualNetworks', 'VNET1'), '/subnets/default')
                ]"
              }
            }
          ]
        },
        "enableAcceleratedNetworking": true
      }
    },
    {
      "name": "SAP2-OS",
      "type": "Microsoft.Compute/virtualMachines",
      "location": "[ResourceGroup().location]",
      "apiVersion": "2019-11-01",
      "properties": {
        "osDisk": {
          "name": "SAP2-OS",
          "caching": "Readwrite",
          "createOption": "FromImage",
          "diskSizeGB": 128,
          "managedDisk": {
            "storageAccountType": "[parameters('StorageType')]"
          }
        },
        "copy": [
          {
            "name": "DataDisks",
            "count": "3",
            "input": {
              "Caching": "None",
              "diskSizeGB": 2048,
              "lun": "[
                (
                  resourceId('Microsoft.Compute/disk', 'SAP2-DataDisk', 'SAP2-DataDisk', 'SAP2-DataDisk'),
                  'copyIndex('datadisks')'
                )
              ]"
            },
            "name": "[
              (
                resourceId('Microsoft.Compute/disk', 'SAP2-DataDisk', 'SAP2-DataDisk', 'SAP2-DataDisk'),
                'copyIndex('datadisks')'
              )
            ]"
          ]
        ]
      }
    }
  ]
}
```

Correct Answer:

Currently there are no comments in this discussion, be the first to comment!

HOTSPOT

-

You are building an SAP on Azure production landscape that will contain an Azure virtual machine named VM1. VM1 will host the SAPRouter service.

You plan to inspect all the network traffic between the SAP external network and the SAPRouter service on VM1 by using Azure Firewall.

You need to ensure that the SAPRouter service on VM1 can communicate with the SAP external network by using Azure Firewall.

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

NOTE: Each correct selection is worth one point.

Answer Area

To the saprountab file, add the:

- Private IP address of Azure Firewall
- Private IP address of VM1
- Public IP address of Azure Firewall

In Azure Firewall, create:

- A DNAT rule
- A network rule
- An application rule

Answer Area

To the saprountab file, add the:

- Private IP address of Azure Firewall
- Private IP address of VM1
- Public IP address of Azure Firewall

Correct Answer:

In Azure Firewall, create:

- A DNAT rule
- A network rule
- An application rule

Currently there are no comments in this discussion, be the first to comment!

You plan to deploy a highly available SAP HANA deployment on Azure that will be hosted on a Pacemaker cluster.

You need to configure the security principal of the Azure fence agent for the cluster. The solution must minimize administrative effort.



What should you use?

- A. a user-assigned managed identity
- B. a system-assigned managed identity
- C. a service principal
- D. Azure shared disks

Suggested Answer: C

Community vote distribution

B (100%)

  **4c78df0** 7 months, 1 week ago

Selected Answer: B

Incorrect. Answer is B.

upvoted 3 times

DRAG DROP

-

You have an Azure subscription that is linked to an Azure AD tenant. The subscription contains a virtual machine named VM1.

You install SAP Landscape Management (LaMa) on VM1.

You need to ensure that you can use SAP LaMa to manage the deployment of SAP workloads to Azure virtual machines. The solution must minimize administrative effort.

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

- From SAP Landscape Management, create an SAP LaMa connector.
- From the Azure portal, create an app registration.
- From the Azure portal, create a user-assigned managed identity.
- From the Azure portal, enable a system-assigned managed identity for VM1.
- From the Azure portal, assign the Contributor role to the managed identity for the subscription.

Answer Area

Drag and drop the actions into the answer area.



Suggested Answer:

From the Azure portal, create an app registration.

From the Azure portal, enable a system-assigned managed identity for VM1.

From the Azure portal, assign the Contributor role to the managed identity for the subscription.

1cf90ef 2 months, 2 weeks ago

From the Azure portal, enable a system-assigned managed identity for VM1.

From the Azure portal, assign the Contributor role to the managed identity for the subscription.

From SAP Landscape Management, create an SAP LaMa connector.

upvoted 1 times

25max 4 months, 1 week ago

Correct order:

either system managed or user managed identity

Create the connector

Assign the role to the managed identity

upvoted 1 times

smudo1965 11 months, 1 week ago

Following this given answer is correct

<https://learn.microsoft.com/en-us/azure/sap/workloads/lama-installation>

upvoted 1 times

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

No Caching

Read cache

Write Accelerator

Answer Area

/hana/data:

/hana/log:

/hana/shared:

Suggested Answer:**Answer Area**

/hana/data:

No Caching

/hana/log:

Write Accelerator

/hana/shared:

Read cache

  **smudo1965** 10 months, 2 weeks ago

following this

/hana/data - no caching

/hana/log - no caching (with exception for M-Series VMs)

/hana/shared - read caching

as there is no statement regarding M-Series second answer is no caching

upvoted 2 times

DRAG DROP

-

You have an Azure subscription that contains a D-series virtual machine named SQL1.

You plan to deploy an SAP landscape on Azure that will have Microsoft SQL Server installed.

You install a SQL server on SQL1 and place databases and logs on separate disks.

You need to configure caching for the disks.

Which type of cache should you configure for each disk? To answer, drag the appropriate cache types to the correct disks. Each cache type 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.

Cache

None

Read-only

Read/Write

Write Accelerator

Answer Area

Data disk:

Log disk:

Suggested Answer:

Answer Area

Data disk: Read-only

Log disk: None

 **smudo1965** 11 months, 1 week ago

following this given answer is correct

<https://learn.microsoft.com/en-us/azure/sap/workloads/dbms-guide-general>

upvoted 1 times

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 area.

NOTE: Each correct selection is worth one point.

Answer Area

On VM1, run:

sapcontrol.exe
shutdown.exe
stopsap.exe

From Azure Cloud Shell, run:

az vm deallocate
az vm stop
az vm wait

Answer Area


On VM1, run:

sapcontrol.exe
shutdown.exe
stopsap.exe

From Azure Cloud Shell, run:

az vm deallocate
az vm stop
az vm wait

Suggested Answer:

 BizCTO 9 months, 1 week ago

stopsap.exe (Gracefully shut down the SAP application)

az vm deallocate (Minimize computing costs)

upvoted 1 times

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:

	▼
Installing the Key Vault virtual machine extension for Windows	
Setting Encryption type to customer-managed keys	
Setting Security type to Trusted launch virtual machines	

Use virtual disk format:

	▼
VHD	
VHDS	
VHDX	

Correct Answer:

Answer Area

Enable Secure Boot by:

	▼
Installing the Key Vault virtual machine extension for Windows	
Setting Encryption type to customer-managed keys	
Setting Security type to Trusted launch virtual machines	

Use virtual disk format:

	▼
VHD	
VHDS	
VHDX	

Currently there are no comments in this discussion, be the first to comment!

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 'D:\data' 'https://storageaccount1.blob.core.windows.net/uploadeddata'

Suggested Answer:

Answer Area

azcopy 'D:\data' 'https://storageaccount1.blob.core.windows.net/uploadeddata'

 **4c78df0** 7 months, 1 week ago

correct

upvoted 4 times

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. Ultra
- B. Standard SSD
- C. Premium SSD v2
- D. Premium SSD v1

Suggested Answer: B

Community vote distribution

C (100%)

🗨️ 👤 **Abieba01** 8 months, 3 weeks ago

Selected Answer: B

Not correct, the right answer is B, stop trying to confuse people.

<https://learn.microsoft.com/en-us/azure/virtual-machines/windows/expand-os-disk>

upvoted 2 times

🗨️ 👤 **4c78df0** 1 year, 1 month ago

Selected Answer: C

C is correct.

upvoted 3 times

You have an Azure subscription.

You plan to deploy a virtual machine named VM1 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 encryption type
- D. data disk size

Suggested Answer: B



Community vote distribution

B (100%)

  **nilsson123** 4 months, 1 week ago

Selected Answer: C

it seems to be C. check <https://learn.microsoft.com/en-us/azure/virtual-machines/windows/tutorial-disaster-recovery>
upvoted 1 times

  **4c78df0** 7 months, 1 week ago

Selected Answer: B

correct.
upvoted 2 times

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

Suggested Answer: C

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

Incorrect Answers:

D: ExpressRoute is a costly solution.

Community vote distribution

B (100%)

 **deepu_agrawal** Highly Voted 4 years, 6 months ago


Why not Virtual Network peering ? . Answer is Virtual Network peering

upvoted 17 times

 **schalke04** 4 years, 6 months ago

ANS: Virtual Network peering

upvoted 8 times

 **GiuseppeF** Highly Voted 4 years, 5 months ago

The right answer should be B.

<https://azure.microsoft.com/en-us/blog/vnet-peering-and-vpn-gateways/>


UDR required the use of a GW to connect the VNets than the cost is GW cost + Egress cost while vnet peering has Ingress + Egress cost but this is less than the previous one.

upvoted 10 times

 **d0bermannn** 3 years, 2 months ago

and udr is about routing, not for connectivity

upvoted 1 times

 **smudo1965** Most Recent 11 months, 1 week ago

Selected Answer: B

correct answer

upvoted 1 times

 **MadPanda** 1 year, 6 months ago

Selected Answer: B


Correct answer is VNET Peering. UDR works within the same VNET if the traffic shaping is required. It does not support traffic routing between different VNET. Peering is the most cost effective option here as compared to VPN gateway.

upvoted 1 times

 **d0bermannn** 3 years, 3 months ago

most cheap and technically elegant ans is vnet peering = B

upvoted 1 times

 **LizzyOlivan** 3 years, 6 months ago

User-defined routes (UDRs) handle routing for on-premises traffic that passes to Azure.

<https://docs.microsoft.com/en-us/azure/architecture/reference-architectures/identity/adds-extend-domain>

upvoted 1 times

🗨️ 👤 **d0bermannn** 3 years, 2 months ago

udr is about routing, not connectivity, cheapest of option provided is vnet peering

upvoted 1 times

🗨️ 👤 **Shub94** 3 years, 10 months ago

B. virtual network peering

upvoted 2 times

🗨️ 👤 **jarihd1** 3 years, 11 months ago

Answer B : - if No Peering - then what's the usages of UDR ??

upvoted 4 times

🗨️ 👤 **Bhagirathi** 4 years ago

Finally the conclusive go here is Vnet Peering .

upvoted 3 times

🗨️ 👤 **imadedakir** 4 years ago

The UDR is applicable only inside the Vnet, in the question we are talking about different Vnets, so the answer should be Vnet peering

upvoted 3 times

🗨️ 👤 **MukeshKhamparia** 4 years, 4 months ago

There are 2 ways to connect VNs - (actually 3 but Route via the Internet is a least secured option)

1 - VPN 2 VPN

2 - Peering

VPN 2 VPN is costly as GW comes in picture.

PS - UDR comes in picture when you create Peering between VMs.

Answer should be - Virtual Network peering

upvoted 7 times

🗨️ 👤 **ITDog99** 1 year, 6 months ago

In question, "You need to recommend a solution to connect the virtual networks" (<==not asking about connect VMs)

So I support you, it should be VN Peering

upvoted 1 times

🗨️ 👤 **praveenkumarh1912** 4 years, 4 months ago

VNET peering offers better speed, cheaper and goes via azure backbone.

Azure recommends vnet peering

<https://github.com/MicrosoftDocs/azure-docs/issues/32537>

<https://azure.microsoft.com/en-us/blog/vnet-peering-and-vpn-gateways/>

upvoted 6 times

🗨️ 👤 **Kapsy** 4 years, 4 months ago

VNet peering is the answer.

Azure AD DS can be put in a subnet within a VNET and the application VMs into a different subnet within the same VNET, in this case the VMs are part of the same virtual network, they can automatically perform name resolution and communicate with the Azure AD DS domain controllers.

Other option is to put Azure AD DS in a separate VNET and application VMs into a separate VNET and peer the VNETs.

upvoted 5 times

🗨️ 👤 **khadar** 4 years, 5 months ago

Since the question is segregation of Azure domain controller and SAP system the answer should be UDR

upvoted 3 times

🗨️ 👤 **MukeshKhamparia** 4 years, 4 months ago

You seems correct - If we need to use VN peering then what is the need of having 2 Virtual.



Creating a peering means you are allowing the communication between 2 VM completely.

While UDR, you can restrict the communication based on requirement (Segregating)

upvoted 3 times

  **AmoghU** 4 years, 5 months ago

it should be Vnet peering...cost effective only flip side , it is unencrypted
upvoted 5 times

  **rana85** 4 years, 6 months ago

answer should be vnet peering
upvoted 6 times

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

Suggested Answer: B

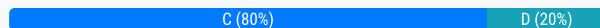
Incorrect Answers:

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>

Community vote distribution



🗳️ **smudo1965** 11 months, 1 week ago

Selected Answer: C

correct answer

upvoted 1 times

🗳️ **ukocloud** 1 year, 2 months ago

Clearly C

<https://learn.microsoft.com/en-us/azure/sap/workloads/high-availability-guide-suse#setting-up-a-highly-available-nfs-server>

upvoted 1 times

🗳️ **Arathore** 1 year, 11 months ago

<https://learn.microsoft.com/en-us/azure/virtual-machines/workloads/sap/high-availability-guide-suse> - Command used for testing is SAPControl :
nw1-cl-0:nw1adm 54> sapcontrol -nr 00 -function HAGetFailoverConfig

upvoted 3 times

🗳️ **petercorn** 1 year, 12 months ago

Selected Answer: D

SAP Solution Manager (SolMan) is a module of SAP that provides functionalities like integrated content, methodologies, tools etc. to implement, operate, monitor and support an enterprise's SAP solution. <https://www.guru99.com/overview-of-sap-solution-manager.html>

upvoted 1 times

🗳️ **QuattroAce** 2 years, 2 months ago

Azure Traffic Manager is a DNS-based traffic load balancer that enables you to distribute traffic optimally to services across global Azure regions, while providing high availability and responsiveness so given answer is correct.

upvoted 2 times

🗳️ **Aunehwet79** 2 years ago

I guess the question is about validating high availability which Traffic Manager does by default. But SAP control doesn't specifically refer to this function so I'm also going with this answer

upvoted 1 times

🗳️ **Mksap** 2 years, 7 months ago

Selected Answer: C

References:

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

`sapcontrol -nr 00 -function HAGetFailoverConfig`

`sapcontrol -nr 00 -function HACheckConfig`

`sapcontrol -nr 00 -function HACheckFailoverConfig`

upvoted 3 times

  **Aunehwet79** 2 years ago

There is nothing in your link about SAP control

upvoted 1 times

  **VinayakBudapanahalli** 2 years, 9 months ago

References:

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

`sapcontrol -nr 00 -function HAGetFailoverConfig`

`sapcontrol -nr 00 -function HACheckConfig`

`sapcontrol -nr 00 -function HACheckFailoverConfig`

upvoted 1 times

  **d0bermannn** 3 years, 2 months ago

SolMan by me

upvoted 1 times

  **ashishsureka** 3 years, 2 months ago

SAP Control is the correct answer

upvoted 3 times

  **Krishore** 3 years, 3 months ago

SAPControl to validate HA configuration and HA status

upvoted 4 times

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.

Select and Place:

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

Suggested Answer:

Values

sap-ase

sap-bobj

sapconf

sap-hana

sap-netweaver

saptune

tuned

Answer Area

osprompt> more /etc/sysconfig/

sapconf

osprompt> more /usr/lib/tuned/

tuned

/tuned.conf

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/>

🗨️ 👤 **sripradeep324** Highly Voted 2 years, 11 months ago

Ans for 2nd box would be 'sap-hana'

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

upvoted 8 times

🗨️ 👤 **Nav3** 2 years, 10 months ago

Since we are looking for SAP hana system it should be sap-hana

refer to "6. Customize an existing SUSE standard profile (sapconf)" in below link

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

also under "Sounds complicated? Maybe a little picture helps:" in below link

<https://www.suse.com/c/sapconf-a-way-to-prepare-a-sles-system-for-sap-workload-part-2/>

upvoted 3 times

🗨️ 👤 **7deadlysins** Most Recent 9 months, 1 week ago

Sapconf and sap-hana

upvoted 4 times

🗨️ 👤 **d0bermannn** 1 year, 8 months ago

sapconf + sap-hana

upvoted 1 times

🗨️ 👤 **ashishsureka** 1 year, 8 months ago

SAPCONF & SAP-HANA

upvoted 2 times

🗨️ 👤 **Hardikm007** 2 years, 3 months ago

On exam dated 25.03.2021. Similar questions and options.

It had SLES 15 added as OS

upvoted 4 times

🗨️ 👤 **d0bermannn** 1 year, 8 months ago

i think this comment must be for so,me other question)

upvoted 1 times

🗨️ 👤 **Shub94** 2 years, 4 months ago

1. sapconf

2. sap-hana

upvoted 3 times

🗨️ 👤 **NarenderSingh** 2 years, 5 months ago

sapconf

sap-hana

because its talking about HLI

upvoted 3 times

🗨️ 👤 **SAP_Explorer** 2 years, 7 months ago

1. sapconf

2. sap-hana

upvoted 5 times

🗨️ 👤 **McDee** 2 years, 11 months ago

sapconf and sap-hana

Though sap-hana and sap-Netweaver are identical but the questions specifically mention HLI so more appropriate is 'sap-hana' option

upvoted 7 times

🗨️ 👤 **sammy811** 3 years ago

Right Answers are :

`/usr/lib/tuned/sap-netweaver/tuned.conf`

`/etc/sysconfig/sapconf`

upvoted 3 times

🗨️ 👤 **schalke04** 2 years, 12 months ago

why "sap-netweaver" instead of " sap-hana" ?

upvoted 3 times

🗨️ 👤 **Kalyansarkar** 3 years ago

/usr/lib/tuned/<profile>/tuned.com

<profile> is one of the profiles provided by sapconf

The profiles 'sap-ase' and 'sap-bobj' should not be used anymore!

Instead choose 'sap-hana' or 'sap-netweaver' which are identical.

upvoted 4 times

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

Suggested Answer: CD

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>

Community vote distribution



CD (100%)

  **Shub94** Highly Voted 3 years, 4 months ago

C and D are correct.
upvoted 5 times

  **d0bermannn** 2 years, 9 months ago

yes, it is waagent options
upvoted 1 times

  **Bhagirathi** Highly Voted 3 years, 6 months ago

it seems C & D is making sense .
upvoted 5 times

  **d0bermannn** 2 years, 9 months ago

and ones that really making sense
upvoted 1 times

  **kevino81** Most Recent 9 months ago

Selected Answer: CD
Correct, reference on link
<https://learn.microsoft.com/en-us/troubleshoot/azure/virtual-machines/oom-swap-file-linux-vm>
upvoted 1 times

  **NarenderSingh** 3 years, 5 months ago

Given answer is OK
upvoted 4 times

HOTSPOT -

You have the following Azure Resource Manager template.

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

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

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

Suggested Answer:

Answer Area

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

Box 1: Yes -

Count is 6.

Box 2: No -

Mode is serial.

Box 3: Yes -

Reference:

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

- 🗨️ 👤 **Sourabh1703** Highly Voted 4 years ago
C is No, since its Premium_LRS , only GRS are replicated across regions
upvoted 28 times
- 🗨️ 👤 **d0bermannn** 2 years, 9 months ago
ynn since Premium_LRS
upvoted 2 times
- 🗨️ 👤 **schalke04** Highly Voted 4 years ago
Yes, No, No
upvoted 18 times
- 🗨️ 👤 **Moziality** Most Recent 7 months, 3 weeks ago
Yes, No No, since its Premium_LRS , only GRS are replicated across regions
upvoted 1 times
- 🗨️ 👤 **kevino81** 9 months ago
Yes, No, No
LRS will not replicate to another region
upvoted 1 times
- 🗨️ 👤 **MadPanda** 1 year ago
Yes, No, No. Storage will not be replicated to different regions since the storage type is Premium_LRS. Only GRS would be replicated.
upvoted 1 times
- 🗨️ 👤 **QuattroAce** 1 year, 9 months ago
C is no as it's Premium _LRS not GRS
upvoted 2 times
- 🗨️ 👤 **Shub94** 3 years, 4 months ago
Ans: Yes, No, No
upvoted 4 times
- 🗨️ 👤 **SteveChai** 3 years, 4 months ago
the answer is Yes, No, No
upvoted 3 times
- 🗨️ 👤 **NarenderSingh** 3 years, 5 months ago
Yes - No - No
upvoted 3 times
- 🗨️ 👤 **Rinjureji** 3 years, 7 months ago
yes, no, no(premium_LRS-replication within region)
upvoted 4 times
- 🗨️ 👤 **SAP_Explorer** 3 years, 7 months ago
Yes, No, No
upvoted 3 times
- 🗨️ 👤 **AmoghU** 3 years, 11 months ago
yes no no
upvoted 6 times

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

Suggested Answer: C

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>

Community vote distribution

C (100%)

🗳️ 👤 **kevino81** 9 months ago

Selected Answer: C

MSI is the recommended way to allow Azure resources like virtual machines to securely access Azure Key Vault without storing credentials on the VMs

upvoted 1 times

🗳️ 👤 **AWSAZO** 1 year, 6 months ago

Selected Answer: C

Azure key vault can be accessed using a Managed Identity.

Azure AD and PIM - No as a managed identity get stored in Azure AD, and the PIM security wasn't required in the question.

RBAC, wrong.

D. the Custom Script Extension - Not required

upvoted 2 times

🗳️ 👤 **Shub94** 3 years, 4 months ago

C. a Managed Service Identity (MSI)

upvoted 4 times

🗳️ 👤 **d0bermannn** 2 years, 9 months ago

and is obvious

upvoted 1 times

🗳️ 👤 **NarenderSingh** 3 years, 5 months ago

Given answer is OK

upvoted 3 times

🗳️ 👤 **Bhagirathi** 3 years, 6 months ago

<https://docs.microsoft.com/en-us/azure/active-directory/managed-identities-azure-resources/services-support-managed-identities>

upvoted 2 times

🗳️ 👤 **Bhagirathi** 3 years, 6 months ago

MSI does help.

upvoted 3 times

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.

Hot Area:

Answer Area

Statements	Yes	No
You can use SAP HANA Studio to monitor CPU, memory, network, and storage usage for SAP HANA on Azure (Large Instances).	<input type="radio"/>	<input type="radio"/>
Azure Extension for SAP is required to monitor the performance of SAP HANA on Azure (Large Instances).	<input type="radio"/>	<input type="radio"/>
You can use the SAP HANA HW Configuration Check Tool (HWCCT) to monitor SAP HANA running on SAP HANA on Azure (Large Instances).	<input type="radio"/>	<input type="radio"/>

Suggested Answer:

Answer Area

Statements	Yes	No
You can use SAP HANA Studio to monitor CPU, memory, network, and storage usage for SAP HANA on Azure (Large Instances).	<input type="radio"/>	<input checked="" type="radio"/>
Azure Extension for SAP is required to monitor the performance of SAP HANA on Azure (Large Instances).	<input checked="" type="radio"/>	<input type="radio"/>
You can use the SAP HANA HW Configuration Check Tool (HWCCT) to monitor SAP HANA running on SAP HANA on Azure (Large Instances).	<input type="radio"/>	<input checked="" type="radio"/>

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 -

Reference:

<https://www.linkedin.com/pulse/important-operational-concepts-around-azure-extension-apparao-sanam>

 **johnnyj** Highly Voted 4 years ago

Yes

Monitor HANA Large Instances resources—such as CPU, memory, network bandwidth, and storage space—using SAP HANA Studio, SAP HANA Cockpit, SAP Solution Manager, and other native Linux tools.

<https://docs.microsoft.com/en-us/azure/architecture/reference-architectures/sap/hana-large-instances>

Yes

<https://azure.microsoft.com/en-in/blog/azure-enhanced-monitoring-for-sap/>

No

HWCCT is not a monitoring tool

upvoted 21 times

 **gills** 3 years, 4 months ago

@johnnyj , the questions is about SAP HANA on Large Instance (Bare Metal Servers). The URL you posted is on Azure VMs. So not correct.
upvoted 3 times

🗨️ 👤 **deepu_agrawal** Highly Voted 🏆 4 years ago

Answer is : Yes , No , No
upvoted 14 times

🗨️ 👤 **Sourabh1703** 4 years ago

HWCCCT can be used, but not to monitor instances, a bit tricky on language part,
upvoted 2 times

🗨️ 👤 **JuanZ** Most Recent 🔒 8 months ago

<https://learn.microsoft.com/en-us/azure/architecture/reference-architectures/sap/hana-large-instances>

Manageability

Monitor HANA Large Instances resources—such as CPU, memory, network bandwidth, and storage space—using SAP HANA Studio, SAP HANA Cockpit, SAP Solution Manager, and other native Linux tools. HANA Large Instances Type I SKUs don't come with built-in monitoring tools. Type II SKUs offers prebuilt diagnostic tools for system activity logging and troubleshooting.

Microsoft offers basic tools and resources to help you monitor HANA Large Instances on Azure. The Microsoft support team can also assist you in troubleshooting technical issues.

upvoted 1 times

🗨️ 👤 **Kumariswati** 10 months, 1 week ago

it should be Yes Yes NO
upvoted 1 times

🗨️ 👤 **ashishsureka** 2 years, 8 months ago

Yes, Yes, No
upvoted 3 times

🗨️ 👤 **PrashantSG1977** 3 years ago

Yes

No (<https://docs.microsoft.com/en-us/azure/virtual-machines/workloads/sap/troubleshooting-monitoring>)

For the Type II SKUs of the HANA Large Instances, the server comes with the preloaded system diagnostic tools. You can use these diagnostic tools to do the system health check.

No

upvoted 2 times

🗨️ 👤 **Shub94** 3 years, 4 months ago

YES,YES,NO
upvoted 2 times

🗨️ 👤 **gills** 3 years, 4 months ago

Wrong. This is not a Azure VM. This is a bare metal large instance.
<https://azure.microsoft.com/en-in/blog/azure-enhanced-monitoring-for-sap/>.
upvoted 1 times

🗨️ 👤 **122120** 3 years, 3 months ago

Azure Monitor for SAP Solutions is an Azure-native monitoring product for customers, running their SAP landscapes on Azure. The product works with both SAP on Azure Virtual Machines and SAP on Azure Large Instances.

<https://docs.microsoft.com/en-us/azure/virtual-machines/workloads/sap/azure-monitor-overview>
upvoted 3 times

🗨️ 👤 **BabiRahul** 3 years, 4 months ago

Yes - Yes - No
upvoted 2 times

🗨️ 👤 **gills** 3 years, 4 months ago

Wrong. This is not a Azure VM. This is a bare metal large instance.
<https://azure.microsoft.com/en-in/blog/azure-enhanced-monitoring-for-sap/>.

upvoted 2 times

🗨️ 👤 **122120** 3 years, 3 months ago

@gills your article is 6 years old. check following and you will say YES,YES,NO

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

upvoted 3 times

🗨️ 👤 **gills** 3 years, 2 months ago

Yes and it is still valid. azure-enhanced-monitoring-for-sap is an extension for VM. A Large Instance is a physical server. There is no extensions to be installed. The Azure Enhanced Enhanced Monitoring service is based on the Azure Monitoring Extension for SAP . For Large Instance there is no use of extensions since it is not a VM.

upvoted 2 times

🗨️ 👤 **NarenderSingh** 3 years, 5 months ago

AEM is needed everywhere in SAP on Azure now

upvoted 2 times

🗨️ 👤 **d0bermannn** 2 years, 9 months ago

just on vm, no way on hli

upvoted 1 times

🗨️ 👤 **NarenderSingh** 3 years, 5 months ago

Yes - Yes - No

upvoted 2 times

🗨️ 👤 **gills** 3 years, 4 months ago

Wrong. This is not a Azure VM. This is a bare metal large instance.

<https://azure.microsoft.com/en-in/blog/azure-enhanced-monitoring-for-sap/>.

upvoted 1 times

🗨️ 👤 **miligupta3** 3 years, 5 months ago

Yes, Yes, No

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

Azure Monitor for SAP Solutions is an Azure-native monitoring product for customers, running their SAP landscapes on Azure. The product works with both SAP on Azure Virtual Machines and SAP on Azure Large Instances.

upvoted 4 times

🗨️ 👤 **gills** 3 years, 4 months ago

The answer does not have anything to do about Azure Monitor.

upvoted 1 times

🗨️ 👤 **Bhagirathi** 3 years, 6 months ago

shall we say - YES NO NO ?

upvoted 5 times

🗨️ 👤 **111rrrggg** 3 years, 9 months ago

I am not sure why the site is not picking hana studio as monitoring solutions but studio cockpit and db13 are all same

upvoted 2 times

🗨️ 👤 **Mani2512** 3 years, 10 months ago

Yes, No, No

upvoted 5 times

🗨️ 👤 **chinu141** 3 years, 10 months ago

SAP HANA on Azure (Large Instances) is no different from any other IaaS deployment .

<https://docs.microsoft.com/en-in/azure/virtual-machines/workloads/sap/troubleshooting-monitoring>

upvoted 1 times

🗨️ 👤 **gills** 3 years, 4 months ago

It is no different from the data points you need to collect. yet how you collect is very different. There is no VM extensions for large instances.

upvoted 2 times

🗨️ 👤 **rgirdhar434** 3 years, 10 months ago

Azure Monitoring Extension,Enhanced Monitoring,and Azure Extension for SAP: Describe one and the same. It describes a VM extension that needs to be deployed by you to provide some basic data about the Azure infrastructure to the SAP Host Agent.SAP in SAP notes might refer to it as

Monitoring Extension or Enhanced monitoring. In Azure, we are referring to it as Azure Extension for SAP.



<https://techcommunity.microsoft.com/t5/running-sap-applications-on-the/azure-extended-monitoring-for-sap/ba-p/367780>

Azure Monitor for SAP Solutions is an Azure-native monitoring product for customers, running their SAP landscapes on Azure. The product works with both SAP on Azure Virtual Machines and SAP on Azure Large Instances.

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

So answer is Yes, Yes, No

upvoted 3 times



  **gills** 3 years, 4 months ago

For the Type II SKUs of the HANA Large Instances, the server comes with the preloaded system diagnostic tools. You can utilize these diagnostic tools to perform the system health check.

The question is about bare metal hardware (large instances). There is no such thing as VM extensions here.

Answer is a clear Yes, No, No. Not Yes Yes No as you listed.

upvoted 2 times

  **Kapsy** 3 years, 11 months ago

Yes, No, No

upvoted 7 times

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

Suggested Answer: A

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>

Community vote distribution

A (100%)

🗳️ 👤 **McDee** Highly Voted 3 years, 11 months ago

the Azure DSC VM Extension

<https://docs.microsoft.com/en-us/archive/blogs/keithmayer/18-steps-for-end-to-end-iaas-provisioning-in-the-cloud-with-azure-resource-manager-arm-powershell-and-desired-state-configuration-dsc>

upvoted 14 times

🗳️ 👤 **kevino81** Most Recent 9 months ago

Selected Answer: A

A It's correct

upvoted 1 times

🗳️ 👤 **Sjn9** 3 years, 1 month ago

The given answer is correct.

upvoted 2 times

🗳️ 👤 **Shub94** 3 years, 4 months ago

A. the Azure DSC VM Extension

upvoted 3 times

🗳️ 👤 **NarenderSingh** 3 years, 5 months ago

Given answer is OK

upvoted 3 times

🗳️ 👤 **Bhagirathi** 3 years, 6 months ago

It seems - we can go with A.

upvoted 3 times

🗳️ 👤 **johnnyj** 4 years ago

Azure VM Extension

<https://docs.microsoft.com/en-us/azure/virtual-machines/workloads/sap/planning-guide#6f0a47f3-a289-4090-a053-2521618a28c3>

upvoted 4 times

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

Suggested Answer: B

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>

Community vote distribution

B (100%)

🗳️ 👤 **kevino81** 9 months ago

Selected Answer: B

B it's ok

upvoted 1 times

🗳️ 👤 **Sjn9** 3 years, 1 month ago

B is correct.

upvoted 4 times

🗳️ 👤 **d0bermannn** 2 years, 9 months ago

and obvious as see to noun-verb notation of cmdlet)

upvoted 1 times

🗳️ 👤 **Shub94** 3 years, 4 months ago

B. Get-AzVmDiagnosticsExtension

upvoted 4 times

🗳️ 👤 **NarenderSingh** 3 years, 5 months ago

Given answer is OK

upvoted 3 times

🗳️ 👤 **Bhagirathi** 3 years, 6 months ago

Enable diagnostics using a storage account specified in a diagnostics configuration file

Set-AzVMDiagnosticsExtension -ResourceGroupName "ResourceGroup01" -VMName "VirtualMachine02" -DiagnosticsConfigurationPath "diagnostics_publicconfig.xml"

upvoted 1 times

🗳️ 👤 **Bhagirathi** 3 years, 6 months ago

<https://github.com/Azure/azure-powershell/blob/master/src/Compute/Compute/help/Get-AzVMDiagnosticsExtension.md>

upvoted 1 times

🗳️ 👤 **Bhagirathi** 3 years, 6 months ago

Example :

Get the diagnostics extension applied to a virtual machine

PS C:\> Get-AzVMDiagnosticsExtension -ResourceGroupName "ResourceGroup11" -VMName "ContosoVM22"

upvoted 1 times

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.

Select and Place:

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

Actions	Answer Area
Install the Azure Enhanced Monitoring Extension for SAP on SAP HANA on Azure (Large Instances).	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.	Install the Log Analytics agent on the SAP HANA on Azure (Large Instances) instance.
Configure a Log Analytics gateway on the virtual network that has connectivity to the SAP HANA on Azure (Large Instances) instance.	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 agent on the SAP HANA on Azure (Large Instances) instance.	On the gateway, run Import-Module OMSGateway and Add-OMSGatewayAllowedHost.
Configure a Log Analytics gateway server as a proxy for the Log Analytics agent on SAP HANA on Azure (Large Instances).	

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.

Reference:

<http://www.deployazure.com/compute/virtual-machines/sap-azure-enhanced-monitoring-extension/> <https://docs.microsoft.com/en-us/azure/azure-monitor/platform/gateway>

 **GiuseppeF**  3 years, 11 months ago

The right answer should be:

Configure a Log Analytics gateway on the virtual network that has connectivity to HLI

Install Log Analytics client on HLI

Configure a Log Analytics gateway server as proxy for the log analytics client on HLI

On the gateway import module OMSGateway and Add-OMSGatewayAllowedHosts

upvoted 23 times

🗨️ **SteveChai** Highly Voted 3 years, 4 months ago

Refer to <https://docs.microsoft.com/en-us/azure/azure-monitor/platform/gateway>

Answer should be:

1. Configure a Log Analytics gateway on the virtual network that has connectivity to the SAP HANA on Azure (Large Instances) instance.
2. Install the Log Analytics client on the SAP HANA on Azure (Large instances) instance.
3. Configure a Log Analytics gateway server as a proxy for the Log Analytics client on SAP HANA on Azure (Large Instances)
4. On the gateway, run Import-Module OMSGateway and Add-OMSGatewayAllowedHost.

upvoted 14 times

🗨️ **ITDog99** Most Recent 1 year ago

<https://learn.microsoft.com/en-us/azure/sap/large-instances/hana-overview-architecture>

HANA Large Instance service is in sunset mode and does not accept new customers anymore. Providing units for existing HANA Large Instance customers is still possible. For alternatives, please check the offers of HANA certified Azure VMs in the HANA Hardware Directory.

upvoted 1 times

🗨️ **ashishsureka** 2 years, 8 months ago

3524 is the correct answer

upvoted 1 times

🗨️ **nguyenhung1121990** 3 years ago

3452 is my prefer choice.

upvoted 1 times

🗨️ **NarenderSingh** 3 years, 5 months ago

3 5 2 4

AEM is not for HLI

upvoted 3 times

🗨️ **NarenderSingh** 3 years, 5 months ago

3 5 2 4

upvoted 3 times

🗨️ **Showkat** 3 years, 5 months ago

1. Install and configure the gateway.
2. Configure the gateway proxy.
3. Install agent.
4. add allowed hosts

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

upvoted 2 times

🗨️ **Bhagirathi** 3 years, 6 months ago

If top to bottom the step is counted as 1 2 3 4 5 then...I will go as below,

1 3 4 5 2 ...any one differ ? then plos help justify with your answer - how /why .

upvoted 1 times

🗨️ **gills** 3 years, 4 months ago

You have not read the question. You only need to choose 4 actions. Not 5. Also you have no idea why you need the extension.

upvoted 2 times

🗨️ **GM007** 3 years, 5 months ago

Perhaps you could justify your selection first

upvoted 3 times

🗨️ **Sourabh1703** 4 years ago

azure enhanced monitoring extension is for VMs , not for HLI, third step is to use log analytics as proxy.

upvoted 3 times

🗨️ **ArnieH** 3 years, 9 months ago

I think we need to install the Monitoring extension for HLI also.

upvoted 2 times

🗨️ **gills** 3 years, 4 months ago

No. There is no such thing as a extension for a bare metal (large instance). It is a physical server.

upvoted 2 times