

Microsoft Discussions



Exam AZ-900 All Questions

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EXAM AZ-900 TOPIC 1 QUESTION 86 DISCUSSION

Actual exam question from Microsoft's AZ-900

Question #: 86

Topic #: 1

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HOTSPOT -

Select the answer that correctly completes the sentence.

Hot Area:

Answer Area

A Microsoft SQL Server database that is hosted in the cloud and has software updates managed by Azure is an example of

- disaster recovery as a service (DRaaS).
- infrastructure as a service (IaaS).
- platform as a service (PaaS).
- software as a service (SaaS).

Show Suggested Answer

by [Shafiroz](#) at Sept. 4, 2022, 1:26 p.m.

Comments

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  **Shafiroz** Highly Voted  2 years, 1 month ago

Platform as a service (PaaS) is a complete development and deployment environment in the cloud, with resources that enable you to deliver everything from simple cloud-based apps to sophisticated, cloud-enabled enterprise applications. You purchase the resources you need from a cloud service provider on a pay- as-you-go basis and access them over a secure Internet connection.

Like IaaS, PaaS includes infrastructure“servers, storage, and networking”but also middleware, development tools, business intelligence (BI) services, database management systems, and more.

Reference:

<https://azure.microsoft.com/en-us/overview/what-is-paas/>

   upvoted 15 times

  **Super63** Most Recent  15 hours, 33 minutes ago

MAIN DEFINITION: An Azure SQL Database is a relational database-as-a-service (DBaaS) hosted in Azure that falls into the industry category of Platform-as-a-Service (PaaS).

CATCH:

There is a catch however -

SQL Servers or SQL Databases installed on “Azure VMs” (must be AZURE VM- not just plain and simple VMs) falls into the industry category Infrastructure-as-a-Service (IaaS) and allows you to run SQL Server inside a fully managed virtual machine (VM) in Azure.

Whenever an “Azure Virtual Machine” is included in any of this type of questions, the answer always is IaaS.

If no “Azure VM is mentioned” than it is safe to say that we are talking about PaaS.

This question however says that it is hosted “in the cloud” with no mention of “Azure VMs” = PaaS.

Note previous similar questions and note the answers. It can be PaaS or IaaS depending on the absence or the presence of an “Azure VM”. Note similar questions with different answers (depending on the Presence of an “Azure VM” or not: Q41, Q46, Q65 ,Q73

   upvoted 1 times


  **Bobip** 1 year, 1 month ago

PaaS:

-The fact that it's hosted in the cloud means you are leveraging cloud infrastructure, but you are not managing the underlying infrastructure components like virtual machines or storage. Instead, you are using a managed service.

-The management of software updates by Azure indicates that the database service is fully managed by the cloud provider, which aligns with the characteristics of a PaaS offering.

   upvoted 1 times

  **picho707** 1 year, 5 months ago


There is a difference between a Microsoft SQL server database and an Azure SQL database.

   upvoted 4 times

  **emptyH** 1 year, 8 months ago

PaaS. SQL and its updates handled by MS is platform

   upvoted 4 times

  **roangira** 1 year, 9 months ago


Has to be PaaS since the SQL server is hoted in the cloud

   upvoted 1 times

  **uciaci** 1 year, 1 month ago

IaaS is also hosted in the cloud. That makes no sense.

   upvoted 4 times

  **kazan** 1 year, 9 months ago

PASS it s

   upvoted 1 times

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