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📄 **EXAM AZ-900 TOPIC 1 QUESTION 83 DISCUSSION**

Actual exam question from Microsoft's AZ-900

Question #: 83

Topic #: 1

[All AZ-900 Questions]

You have an accounting application named App1 that uses a legacy database.

You plan to move App1 to the cloud.

Which service model should you use?

  A. platform as a service (PaaS)

  B. infrastructure as a service (IaaS)

  C. software as a service (SaaS)

Show Suggested Answer

by 👤 **hossein7070** at *Aug. 30, 2022, 7:18 p.m.*

Comments

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□ 👤 **Jerem1ah** 👍 Highly Voted 👍 2 years, 1 month ago

Selected Answer: B

IaaS as you need to install the legacy software

IaaS as you need to install the legacy software.

👍 ↩ ⚑ upvoted 48 times

  ⊟ 👤 **VaibhavGawali** 4 months, 1 week ago

I agree. IaaS is suitable for moving legacy applications to the cloud, as it provides the underlying infrastructure (virtual machines, storage, networks, etc.) that you can configure to run your existing applications without needing to make significant changes to the application's architecture.

👍 ↩ ⚑ upvoted 1 times

  ⊟ 👤 **Hoeishetmogelijk** 1 year, 9 months ago

Actually it must be IAAS because of the legacy database. Legacy software could be implemented on PAAS.

👍 ↩ ⚑ upvoted 7 times

  ⊟ 👤 **Yomzie** 7 months, 1 week ago

You cannot "install" legacy software in the cloud. It is now a "legacy" s/w because it no longer gets technical (update/patching/management) support from the ISV.
You can do a "lift and shift" migration of the On-Prem solution, in the cloud, while using a DB solution that closely mirrors the legacy DB.

👍 ↩ ⚑ upvoted 1 times

⊟ 👤 **hossein7070** `Highly Voted 👍` 2 years, 1 month ago

I assume It should be Paas as it deals with DB

👍 ↩ ⚑ upvoted 26 times

  ⊟ 👤 **AlbertKwan** 1 year, 11 months ago

Please provide the basis of your "Assumption".

👍 ↩ ⚑ upvoted 4 times

  ⊟ 👤 **matrixler** 2 years ago

i think that's wrong because using PaaS you don't have full control over the operating system and you can't install your "legacy DB". So you need IaaS.

One solution would be to use a new DB within azure - that would be PaaS.

👍 ↩ ⚑ upvoted 17 times

  ⊟ 👤 **Sarmad_Mansour** 1 year, 9 months ago

It would be PaaS if we are dealing with SQL DB, but regular DB would be IaaS.

👍 ↩ ⚑ upvoted 5 times

  ⊟ 👤 **zimzimzimma** 1 year, 4 months ago

They keyword is 'legacy' here. It implies a database is being used which Microsoft does not offer (anymore) as a PaaS service. So it must be IaaS.

👍 ↩ ⚑ upvoted 5 times

    ⊟ 👤 **Yomzie** 7 months, 1 week ago

Being "legacy" does not necessarily make it a Microsoft product. It could be an IBM, SAS, or Google product that is out of the support lifecycle.

👍 ↩ ⚑ upvoted 1 times

⊟ 👤 **Mitra_1** `Most Recent ⊘` 2 weeks ago

`Selected Answer: B`

Since App1 is using a legacy database, it may have specific system requirements (e.g., a particular database version, OS dependencies) that would be challenging to accommodate. IaaS allows you to move your existing application and legacy database as-is to the cloud. You get full control over the operating system, virtual machines, and networking, enabling you to configure the environment to meet the legacy system's needs.

👍 ↩ ⚑ upvoted 1 times

⊟ 👤 **Sid_urooj** 1 year, 8 months ago

App1 to the cloud is infrastructure as a service (IaaS).

The reason for this is that IaaS allows you to have greater control over the operating system, networking, and other infrastructure components, which is important when you're working with legacy applications. With IaaS, you can still use your legacy database and other existing components, while taking advantage of the scalability and cost savings offered by cloud infrastructure.

Platform as a service (PaaS) and software as a service (SaaS) are not ideal for legacy applications as they may require extensive modifications to the code or may not be compatible with the existing infrastructure. PaaS may be suitable if the application can be easily refactored or modernized to work on a new platform, while SaaS is most appropriate for applications where you don't have control over the underlying infrastructure or code.

👍 ↩ ⚑ upvoted 6 times

⊟ 👤 **viktornm** 1 year, 8 months ago

viktorim 1 year, 8 months ago

B. infrastructure as a service (IaaS) is the correct service model for moving App1 to the cloud because it requires access to a specific operating system and database environment. IaaS provides the flexibility to host legacy applications and databases without having to make changes to the underlying architecture. With IaaS, you can manage the infrastructure and the application while the cloud provider manages the underlying hardware.

👍 ↩ 🚩 upvoted 2 times

emptyH 1 year, 8 months ago

Selected Answer: B

legacy database means your going to have to bring in a custom app into play to talk to that old DB. probably needs to reside along side it.

👍 ↩ 🚩 upvoted 1 times

lombri 1 year, 9 months ago

Selected Answer: B

IaaS is the right one

👍 ↩ 🚩 upvoted 3 times

Luansi 1 year, 10 months ago

Selected Answer: A

You can move your app top PaaS service and use a datagateway to connect with your data or migrate intire solution (App + DataBase) in a VM (IaaS).
I think the solution is PaaS because the sentence only refer to the app.

👍 ↩ 🚩 upvoted 2 times

Altheus 1 year, 11 months ago

Legacy database = infrastructure, it will want a windows server to sit on.

👍 ↩ 🚩 upvoted 3 times

pheonix__85 1 year, 11 months ago

the question indicates that Only the app is migrating to the cloud, at that point nothing suggest that the DB would follow.
so assuming only the app is concerned by the migration to cloud, PaaS is a logic answer

👍 ↩ 🚩 upvoted 9 times

zzMichielzz 2 years ago

You have to read this very carefully. It only states that the APP is being moved to the Cloud. There is no indication in this text that the database must be moved or must be installed on a VM as well.

So the APP is PAAS.

(And yes, seperated from this question. A Hybrid Cloud is probably needed)

👍 ↩ 🚩 upvoted 9 times

> **Pinha** 1 year, 9 months ago
>
> Really good review! Congrats!
>
> 👍 ↩ 🚩 upvoted 1 times

> **wabosi** 1 year, 11 months ago
>
> This is what #85 says, a web app and on-prem db (Hybrid).
> This is actually what I thought about this scenario...the only difference with #85 might be considering the app legacy as well (and not a web app) so IaaS makes sense because you move both.
>
> 👍 ↩ 🚩 upvoted 1 times

> **wazmac** 1 year, 11 months ago
>
> Very good point, the question does not say anything about moving the Legacy DB to the cloud, or installing anything, the answer is PaaS.
>
> 👍 ↩ 🚩 upvoted 3 times

Hari_kg 2 years ago

Guys I'm not sure about the answer. They are talking about moving just the app from legacy db(db unsuitable for modern apps) to cloud ,not the db. So the answer should be PaaS right? Please correct me if I'm wrong.

👍 ↩ 🚩 upvoted 3 times

User_Mowgli 2 years ago

Answer?

👍 ↩ 🚩 upvoted 1 times

efeerdogru 2 years ago

This is a bad example. No info about app and db on the same host. It says app connects to legacy DB, not the app is legacy. I can put the app on PaaS and DB on IaaS.

👍 ↩ 🚩 upvoted 4 times

ruank 2 years, 1 month ago

Selected Answer: B

Legacy DB implies IAAS

👍 ↩ 🚩 upvoted 5 times

Default858 2 years, 1 month ago

Iaas is correct. The key word is legacy. You want to be able to install your own database software, so Iaas is the answer.

👍 ↩ 🚩 upvoted 7 times

K2001 2 years, 1 month ago

The "legacy database" is a red herring. The question asks which service model is required to move App1 to the cloud, not the database. To install accounting software, you would need IAAS.

👍 ↩ 🚩 upvoted 2 times

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