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Exam Cloud Digital Leader All Questions

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EXAM CLOUD DIGITAL LEADER TOPIC 1 QUESTION 36 DISCUSSION

Actual exam question from Google's Cloud Digital Leader

Question #: 36

Topic #: 1

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Your organization is developing an application that will manage payments and online bank accounts located around the world. The most critical requirement for your database is that each transaction is handled consistently. Your organization anticipates almost unlimited growth in the amount of data stored.

Which Google Cloud product should your organization choose?

- A. Cloud SQL
- B. Cloud Storage
- C. Firestore
- D. Cloud Spanner

Show Suggested Answer

by  A_A_AB at Jan. 9, 2022, 4:04 a.m.

Comments

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 **vinibisineli** Highly Voted 2 years, 9 months ago

Selected Answer: D

CloudSpanner is the correct answer. Firestore is for mobile applications developed from Firebase, GCS is not a Database and Cloud SQL is to simple for this amount of data.


   upvoted 29 times

 **omgitsele** 1 year, 6 months ago

Good answer but Firestore is not only or mobile apps. The reason it is not the correct answer is the limitations analyzed here. Essentially it does not cover the unlimited growth.

https://firebase.google.com/docs/firestore/quotas#collections_documents_and_fields

   upvoted 4 times

 **sivakarthick16** Highly Voted 9 months, 1 week ago

Selected Answer: D

Cloud Spanner is a globally distributed, horizontally scalable, and strongly consistent relational database service offered by Google Cloud. It provides the ability to scale both storage and compute resources as needed, ensuring consistent transaction handling across multiple regions. This makes it an ideal choice for applications that require strong consistency and high scalability.

While options A (Cloud SQL), B (Cloud Storage), and C (Firestore) are also valuable Google Cloud products, they may not meet the specific requirements mentioned in the context as effectively as Cloud Spanner. Cloud SQL is a managed relational database service, but it may not provide the same level of scalability and global consistency as Cloud Spanner. Cloud Storage is a scalable object storage solution, and Firestore is a NoSQL document database, but they may not offer the same level of transaction consistency required for managing payments and online bank accounts.

   upvoted 5 times

 **36855a7** Most Recent 3 weeks, 6 days ago

CloudSpanner is the correct


   upvoted 1 times

 **7c3bc28** 1 month, 4 weeks ago

Selected Answer: D

IMHO worldwide apps at this scale should go to Spanner.

   upvoted 1 times

 **Kcolive** 3 months, 2 weeks ago

Selected Answer: D

CLOUD SPANNER

   upvoted 1 times

 **Kessel** 4 months, 3 weeks ago

Selected Answer: D

"...an application that will manage payments and online bank accounts located around the world." This gives us several hints: it's a transactional workload, because it's for bank and managing payments, and it's almost certainly a SQL database we are talking about. Finally it needs to scale horizontally, because it says "around the world", global expansion. Only Spanner satisfies all conditions. D is Correct. (Also Firestore is dor noSQL document databases, mainly for web apps, not a good solution at all)

   upvoted 1 times

 **PanosPeris** 5 months ago

Selected Answer: D

Firestore is a noSQL database, not a good choice when transactional consistency is a requirement

   upvoted 2 times

 **harsh5kalsait** 6 months, 3 weeks ago

Selected Answer: D

D. Cloud Spanner is the correct answer.




1. Globally distributed,
2. horizontally scalable,
3. strongly consistent relational database service,
4. ensuring consistent transaction handling across multiple regions,
5. Transactional, mission-critical, and unlimited growth.

   upvoted 2 times

 **Radhouanev12** 8 months ago

Selected Answer: D

Cloud Spanner

   upvoted 1 times

🗨️ 👤 **chai_gpt** 11 months, 3 weeks ago

Selected Answer: D

D is correct

👍 🔄 🚩 upvoted 1 times

🗨️ 👤 **shares1998** 1 year ago

Selected Answer: D

cloud spanner is accurate

👍 🔄 🚩 upvoted 1 times

🗨️ 👤 **__rajan__** 1 year ago

Selected Answer: D

Cloud Spanner is a fully managed, mission-critical, relational database service that offers transactional consistency at global scale, schemas, SQL (ANSI 2011 with extensions), and automatic, synchronous replication for high availability.

👍 🔄 🚩 upvoted 1 times

🗨️ 👤 **mdsarfraz69** 1 year, 1 month ago

Selected Answer: C

C is correct

👍 🔄 🚩 upvoted 1 times

🗨️ 👤 **afeff** 1 year, 1 month ago

CloudSpanner is the correct answer. Cloud Spanner is well-suited for transactional workloads with strong consistency requirements across multiple regions. If your focus is more on performing transactional SQL queries against historical data, ensuring strong consistency, and managing relational database workloads, Cloud Spanner would be a suitable choice.

👍 🔄 🚩 upvoted 2 times

🗨️ 👤 **Lufly** 1 year, 2 months ago

Selected Answer: D

The other options are not as suitable for this purpose.

Cloud SQL: Cloud SQL is a managed database service that offers a variety of relational database engines, including MySQL, PostgreSQL, and SQL Server. However, Cloud SQL does not offer transactional consistency at global scale.

Cloud Storage: Cloud Storage is a object storage service that is designed for storing large amounts of unstructured data. It is not a relational database and does not offer transactional consistency.

Firestore: Firestore is a NoSQL document database that is designed for mobile and web applications. It is not a relational database and does not offer transactional consistency.

👍 🔄 🚩 upvoted 4 times

🗨️ 👤 **Sam420** 1 year, 2 months ago

Cloud Spanner as it is database recommended for any banking or gaming related industry where the volumes of data is high

👍 🔄 🚩 upvoted 3 times

🗨️ 👤 **Luizcjr** 1 year, 4 months ago

Cloud Spanner

👍 🔄 🚩 upvoted 1 times

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