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EXAM ASSOCIATE CLOUD ENGINEER TOPIC 1 QUESTION 173 DISCUSSION

Actual exam question from Google's Associate Cloud Engineer

Question #: 173

Topic #: 1

[All Associate Cloud Engineer Questions]

You are developing a financial trading application that will be used globally. Data is stored and queried using a relational structure, and clients from all over the world should get the exact identical state of the data. The application will be deployed in multiple regions to provide the lowest latency to end users. You need to select a storage option for the application data while minimizing latency. What should you do?

A. Use Cloud Bigtable for data storage.

B. Use Cloud SQL for data storage.

C. Use Cloud Spanner for data storage.

D. Use Firestore for data storage.

Show Suggested Answer

by   mj98 at *April 30, 2021, 10:53 a.m.*

Comments

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JieHeng `Highly Voted` 3 years, 3 months ago

C, Cloud Spanner, keywords are globally, relational structure and lastly "clients from all over the world should get the exact identical state of the data" which implies strong consistency is needed.

upvoted 17 times

Captain1212 `Most Recent` 1 year, 1 month ago

`Selected Answer: C`

question demands, exact state of data and minimum latency to users , for this cloud spanner is the only option

upvoted 4 times

sabrinakloud 1 year, 6 months ago

`Selected Answer: C`

financial trading application
relational structure
multiple regions

upvoted 2 times

ashtonez 1 year, 7 months ago

`Selected Answer: C`

C, always you need to select BBDD check for data analysis bigquery, something very big or fast bigtable, something with HA cloud sql, and something globally available cloud spanner, the key here is globaly available

upvoted 4 times

Charumathi 2 years ago

`Selected Answer: C`

C is the correct answer,
Keywords, Financial data (large data) used globally, data stored and queried using relational structure (SQL), clients should get exact identical copies(Strong Consistency), Multiple region, low latency to end user, select storage option to minimize latency.

upvoted 3 times

Charumathi 2 years ago

Spanner powers business-critical applications in retail, financial services, gaming, media and entertainment, technology, healthcare and more.

Use cases for Cloud Spanner
https://www.youtube.com/watch?v=1b4flZwAQfM&t=1s

upvoted 1 times

ale_brd_111 2 years ago

`Selected Answer: C`

it's C 100%
Guys come on, it's a pretty straight forward scenario.
if you have the keywords "relational DB" and the word "Globally" in a sentence always go for Cloud Spanner.

upvoted 4 times

learn_GCP 2 years ago

`Selected Answer: C`

C. is the answer

upvoted 1 times

sri333 2 years ago

Why not A. Big table as per keywords relational, global and low latency

upvoted 1 times

tonyg_2023 1 year, 9 months ago

BigTable is not a relational database. Everything else is true for it but it a noSQL non Relational Database.

upvoted 2 times

zellck 2 years, 1 month ago

`Selected Answer: C`

C is the answer.

Cloud Spanner is a global relational database.

upvoted 1 times

Mr_MIXER007 2 years, 1 month ago

`Selected Answer: C`

Should be the correct answer.

upvoted 1 times

GayuSundar 2 years, 1 month ago

C, Cloud Spanner. Globally and trading (tend to receive 1000s Records per second) are key here.

upvoted 1 times

VietmanOfficiel 2 years, 1 month ago

Selected Answer: B

Why not CLoud Sql with replicas in multiple region to serve "global" ?

upvoted 1 times

AzureDP900 2 years, 4 months ago

This is straight forward question, Answer is C.

upvoted 1 times

PAUGURU 2 years, 5 months ago

Selected Answer: C

C is correct - Relational and Global

upvoted 1 times

alaahakim 2 years, 11 months ago

Choose - C

upvoted 2 times

associatecloudexamuser 3 years, 3 months ago

Yes. C is right answer

upvoted 3 times

Fidget_ 3 years, 5 months ago

C) Spanner - Global, low latency, relational

upvoted 4 times

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