

Google Discussions



### Exam Cloud Digital Leader All Questions

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## EXAM CLOUD DIGITAL LEADER TOPIC 1 QUESTION 27 DISCUSSION

Actual exam question from Google's Cloud Digital Leader

Question #: 27

Topic #: 1

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Your organization wants to migrate its data management solutions to Google Cloud because it needs to dynamically scale up or down and to run transactional SQL queries against historical data at scale. Which Google Cloud product or service should your organization use?

- A. BigQuery
- B. Cloud Bigtable
- C. Pub/Sub
- D. Cloud Spanner

Show Suggested Answer

by SURJK at Jan. 4, 2022, 4:59 a.m.

### Comments




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

Answer: D --> Q? states transactional SQL, so its Spanner




   upvoted 9 times

  **oncleled** Highly Voted  1 year, 10 months ago

**Selected Answer: D**

Google BigQuery does not support transactions and does not allow updating of existing records. On the other hand, Google Cloud Spanner supports OLTP along with scalability and high availability.

   upvoted 7 times

  **developersean** Most Recent  1 week ago

The answer is A; hint being transactional as oppose to unstructured

   upvoted 1 times

  **7c3bc28** 1 month, 3 weeks ago

**Selected Answer: A**

I challenge the votes - it is Bigquery IMHO as it only ask "to run transactional SQL queries against historical data", Spanner would be quite expensive for this purpose.



   upvoted 1 times

  **philopino** 2 months ago

**Selected Answer: D**

BQ for Analytics and ML, Spanner for OLTP

   upvoted 1 times

  **trustud** 4 months, 1 week ago

A, analyze HISTORICAL data, not real time DB processing data. Its BQ. They want to analyze data mgt. It's not Spanner.

   upvoted 1 times

  **Surek** 10 months ago

Go for D

   upvoted 1 times

  **chai\_gpt** 11 months, 3 weeks ago

**Selected Answer: D**

D is correct

   upvoted 1 times

  **\_\_rajan\_\_** 1 year ago

**Selected Answer: D**

Cloud Spanner is a globally distributed, strongly consistent, and horizontally scalable database service on Google Cloud. It's designed for high availability, scalability, and transactional consistency, making it a great choice for applications that require both transactional and analytical capabilities.

   upvoted 2 times

  **mdsarfraz69** 1 year, 1 month ago

**Selected Answer: D**

D is correct

   upvoted 1 times

  **Chinaar** 1 year, 2 months ago

Correct Answer is A Big query

   upvoted 1 times

  **cookieMr** 1 year, 4 months ago

**Selected Answer: D**

Cloud Spanner is a globally distributed, horizontally scalable, and strongly consistent relational database service provided by Google Cloud. 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 3 times

  **star2anand** 1 year, 7 months ago



A. BigQuery

   upvoted 1 times

  **omgitsele** 1 year, 6 months ago

Wrong. BigQuery is OLAP while the question asks you for OLTP. So the answer is D.

   upvoted 7 times

  **PacoR** 1 year, 9 months ago

**Selected Answer: D**

CLOUD Spanner


   upvoted 1 times

  **grzeev** 2 years ago

**Selected Answer: D**

D. transactional SQL queries

   upvoted 2 times

  **ttossy** 2 years, 1 month ago

**Selected Answer: A**

BigQuery - as the main objective is to query against historical data

   upvoted 3 times

  **csrazdan** 1 year, 11 months ago

True, but not for transactional queries rather analytic queries. BigQuery is a columnar database and is not fit for transactional queries,

   upvoted 3 times

  **KC\_go\_reply** 1 year, 7 months ago


Exactly, BigQuery is for OLAP (online analytical processing), while Spanner is meant for OLTP (online transactional processing)

   upvoted 4 times

  **Jay1312** 2 years, 2 months ago

Hello, Can A -> Big Query be an option also, since you can fire SQL queries at scale?

   upvoted 3 times

  **csrazdan** 1 year, 11 months ago

Yes, but for analytic queries and not transactional queries

   upvoted 1 times

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