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Exam Associate Cloud Engineer All Questions

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EXAM ASSOCIATE CLOUD ENGINEER TOPIC 1 QUESTION 268 DISCUSSION

Actual exam question from Google's Associate Cloud Engineer

Question #: 268

Topic #: 1

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Your team is building a website that handles votes from a large user population. The incoming votes will arrive at various rates. You want to optimize the storage and processing of the votes. What should you do?

- A. Save the incoming votes to Firestore. Use Cloud Scheduler to trigger a Cloud Functions instance to periodically process the votes.
- B. Use a dedicated instance to process the incoming votes. Send the votes directly to this instance.
- C. Save the incoming votes to a JSON file on Cloud Storage. Process the votes in a batch at the end of the day.
- D. Save the incoming votes to Pub/Sub. Use the Pub/Sub topic to trigger a Cloud Functions instance to process the votes.

Show Suggested Answer

by [BuenaCloudDE](#) at July 19, 2024, 9:41 a.m.

Comments

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? ? denno22 2 weeks, 3 days ago

Selected Answer: D

Use Pub/Sub.

? ? ? upvoted 1 times

? ? Timfdklfajlksdjklaf 1 month, 3 weeks ago

Selected Answer: D

D. is the correct answer

? ? ? upvoted 2 times

? ? flummoxed_individual 2 months, 4 weeks ago

Selected Answer: D

Pub/Sub (a messaging service) triggering a Cloud Function (the glue between services that are otherwise independent) to trigger something else to process the votes

? ? ? upvoted 3 times

? ? BuenaCloudDE 3 months ago

Selected Answer: D

Pub/Sub: Google Cloud Pub/Sub is a messaging service which directly uses for this purpose.

Cloud Functions: By triggering a Cloud Function with a Pub/Sub topic, you can process the votes as they arrive, ensuring low-latency handling and efficient scaling based on demand. This approach provides real-time processing and can handle bursts of traffic effectively.

? ? ? upvoted 4 times

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