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Exam Professional Data Engineer All Questions

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EXAM PROFESSIONAL DATA ENGINEER TOPIC 1 QUESTION 311 DISCUSSION

Actual exam question from Google's Professional Data Engineer

Question #: 311

Topic #: 1

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Your chemical company needs to manually check documentation for customer order. You use a pull subscription in Pub/Sub so that sales agents get details from the order. You must ensure that you do not process orders twice with different sales agents and that you do not add more complexity to this workflow. What should you do?

- A. Use a Deduplicate PTransform in Dataflow before sending the messages to the sales agents.
- B. Create a transactional database that monitors the pending messages.
- C. Use Pub/Sub exactly-once delivery in your pull subscription.
- D. Create a new Pub/Sub push subscription to monitor the orders processed in the agent's system.

Show Suggested Answer

by [AllenChen123](#) at Jan. 26, 2024, 5:50 a.m.

Comments

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🗨️ [meh_33](#) Highly Voted 8 months, 3 weeks ago

Believe me all questions were from Exam topic all were there yesterday in exam. But yes dont go with starting questions mainly focus questions after 200 and latest questions are at last page.

Many more questions after 200 and latest questions are at last page.

👍 ↩ 🚩 upvoted 12 times

🗄 👤 **JimmyBK** Highly Voted 1 year, 3 months ago

Selected Answer: C

I remember seeing this in the exam.

👍 ↩ 🚩 upvoted 7 times

🗄 👤 **Jordan18** 1 year, 3 months ago

how many questions were from here?

👍 ↩ 🚩 upvoted 3 times

🗄 👤 **iooj** 9 months ago

also got this one. about 70%

👍 ↩ 🚩 upvoted 3 times

🗄 👤 **Pime13** Most Recent 3 months, 4 weeks ago

Selected Answer: C

<https://cloud.google.com/pubsub/docs/exactly-once-delivery>

Option A, using a Deduplicate PTransform in Dataflow, could help remove duplicate messages, but it adds complexity to your workflow. Dataflow is a separate service that would need to be integrated and managed, which might not be necessary if Pub/Sub's exactly-once delivery can handle the deduplication for you.

Using Pub/Sub's exactly-once delivery (Option C) is a more straightforward solution that directly addresses the issue of duplicate processing without adding extra components to your system.

👍 ↩ 🚩 upvoted 1 times

🗄 👤 **cien91** 9 months, 2 weeks ago

Selected Answer: A

Why not C - Exactly-once delivery in Pub/Sub guarantees that a message is delivered to a subscriber exactly once. However, it doesn't prevent multiple subscribers from processing the same message.

👍 ↩ 🚩 upvoted 1 times

🗄 👤 **JyoGCP** 1 year, 2 months ago

Selected Answer: C

Option C

👍 ↩ 🚩 upvoted 1 times

🗄 👤 **Sofia98** 1 year, 3 months ago

Selected Answer: C

C, of course

👍 ↩ 🚩 upvoted 1 times

🗄 👤 **AllenChen123** 1 year, 3 months ago

Selected Answer: C

Straightforward.

<https://cloud.google.com/pubsub/docs/exactly-once-delivery>

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