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## **Exam Professional Data Engineer All Questions**

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# **EXAM PROFESSIONAL DATA ENGINEER TOPIC 1 QUESTION 219 DISCUSSION**

Actual exam question from Google's Professional Data Engineer

Question #: 219

Topic #: 1

[All Professional Data Engineer Questions]

You orchestrate ETL pipelines by using Cloud Composer. One of the tasks in the Apache Airflow directed acyclic graph (DAG) relies on a third-party service. You want to be notified when the task does not succeed. What should you do?

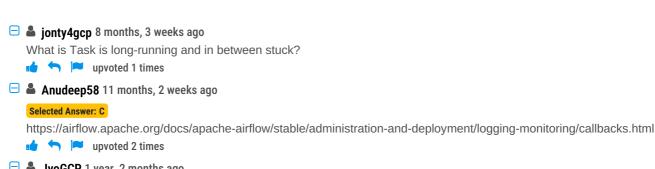
- A. Assign a function with notification logic to the on\_retry\_callback parameter for the operator responsible for the task at risk.
- B. Configure a Cloud Monitoring alert on the sla\_missed metric associated with the task at risk to trigger a notification.
- C. Assign a function with notification logic to the on\_failure\_callback parameter tor the operator responsible for the task at risk.
- D. Assign a function with notification logic to the sla\_miss\_callback parameter for the operator responsible for the task at risk.

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JyoGCP 1 year, 2 months ago

#### Selected Answer: C

on failure callback

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#### Selected Answer: C

on\_failure\_callback is invoked when the task fails

https://airflow.apache.org/docs/apache-airflow/stable/administration-and-deployment/logging-monitoring/callbacks.html

upvoted 3 times

■ Matt\_108 1 year, 3 months ago

#### Selected Answer: C

Option C to me

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🖃 🏜 raaad 1 year, 4 months ago

#### Selected Answer: C

- The on\_failure\_callback is a function that gets called when a task fails.
- Assigning a function with notification logic to this parameter is a direct way to handle task failures.
- When the task fails, this function can trigger a notification, making it an appropriate solution for the need to be alerted on task failures.

upvoted 4 times

e70ea9e 1 year, 4 months ago

### Selected Answer: C

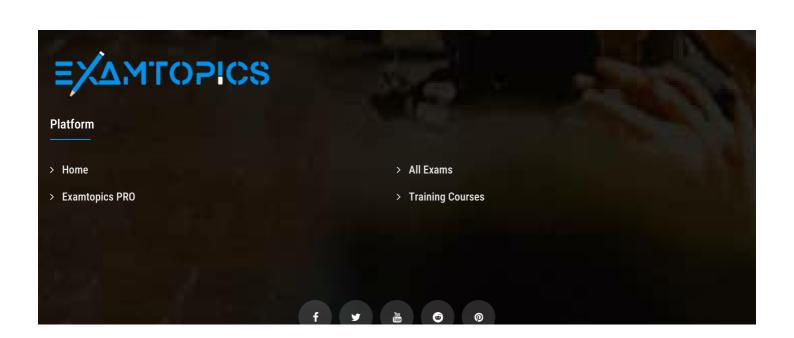
Direct Trigger:

The on\_failure\_callback parameter is specifically designed to invoke a function when a task fails, ensuring immediate notification.

Customizable Logic:

You can tailor the notification function to send emails, create alerts, or integrate with other notification systems, providing flexibility.

upvoted 4 times



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