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## Exam Professional Data Engineer All Questions

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## EXAM PROFESSIONAL DATA ENGINEER TOPIC 1 QUESTION 105 DISCUSSION

Actual exam question from Google's Professional Data Engineer

Question #: 105

Topic #: 1

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You want to automate execution of a multi-step data pipeline running on Google Cloud. The pipeline includes Dataproc and Dataflow jobs that have multiple dependencies on each other. You want to use managed services where possible, and the pipeline will run every day. Which tool should you use?

- A. cron
- B. Cloud Composer
- C. Cloud Scheduler
- D. Workflow Templates on Dataproc

[Show Suggested Answer](#)

by [damaldon](#) at Sept. 2, 2022, 9:41 a.m.

## Comments

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🗨️ [Sofia98](#) 10 months ago

**Selected Answer: B**

Of course, it is Cloud Composer!

   upvoted 1 times

  **Nirca** 1 year ago

**Selected Answer: B**

B. Cloud Composer is the right answer !

   upvoted 1 times

  **vamgcp** 1 year, 3 months ago

**Selected Answer: B**

Cloud Composer is a managed service that allows you to create and run Apache Airflow workflows. Airflow is a workflow management platform that can be used to automate complex data pipelines. It is a good choice for this use case because it is a managed service, which means that Google will take care of the underlying infrastructure. It also supports multiple dependencies, so you can easily schedule a multi-step pipeline



   upvoted 1 times

  **vaga1** 1 year, 6 months ago

**Selected Answer: B**

Airflow is the only choiche to handle dependencies and being able to call all of the services included in the question

   upvoted 2 times

  **niketd** 1 year, 8 months ago

**Selected Answer: B**

Multi-step sequential pipelines -> Cloud Composer

   upvoted 2 times

  **AzureDP900** 1 year, 10 months ago

Cloud composer B is right

   upvoted 2 times

  **odacir** 1 year, 11 months ago

**Selected Answer: B**


Cloud Composer (Airflow) is the answer to chain different steps from different apps...

   upvoted 1 times

  **MisuLava** 2 years ago

**Selected Answer: B**

" multiple dependencies on each other. You want to use managed service"  
= Cloud Composer

   upvoted 1 times

  **John\_Pongthorn** 2 years, 1 month ago

**Selected Answer: B**

if you want your wf to schedule there are 3 ways to perform it, it of them is composer  
<https://cloud.google.com/dataproc/docs/concepts/workflows/workflow-schedule-solutions>

   upvoted 2 times

  **Remi2021** 2 years, 1 month ago

**Selected Answer: B**

composer :)

   upvoted 1 times

  **YorelNation** 2 years, 2 months ago

**Selected Answer: B**

Composer

   upvoted 1 times

  **AWSandeep** 2 years, 2 months ago

**Selected Answer: B**

B. Cloud Composer

   upvoted 1 times

  **damaldon** 2 years, 2 months ago

Use composer to schedule tasks

   upvoted 1 times



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