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Exam Professional Machine Learning Engineer All Questions

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EXAM PROFESSIONAL MACHINE LEARNING ENGINEER TOPIC 1 QUESTION 19 DISCUSSIO..

Actual exam question from Google's Professional Machine Learning Engineer

Question #: 19

Topic #: 1

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You have written unit tests for a Kubeflow Pipeline that require custom libraries. You want to automate the execution of unit tests with each new push to your development branch in Cloud Source Repositories. What should you do?

- A. Write a script that sequentially performs the push to your development branch and executes the unit tests on Cloud Run.
- B. Using Cloud Build, set an automated trigger to execute the unit tests when changes are pushed to your development branch.
- C. Set up a Cloud Logging sink to a Pub/Sub topic that captures interactions with Cloud Source Repositories. Configure a Pub/Sub trigger for Cloud Run, and execute the unit tests on Cloud Run.
- D. Set up a Cloud Logging sink to a Pub/Sub topic that captures interactions with Cloud Source Repositories. Execute the unit tests using a Cloud Function that is triggered when messages are sent to the Pub/Sub topic.







































































Show Suggested Answer

by [maartenalexander](#) at June 22, 2021, 10:14 a.m.

Comments

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-   **maartenalexander** Highly Voted  3 years, 4 months ago
B. GCP recommends to use Cloud Build when building KubeFlow Pipelines. It's possible to run unit tests in Cloud Build. And, the others seems overly complex/unnecessary
   upvoted 16 times
-   **mousseUwU** Highly Voted  3 years ago
B makes sense because of this: https://cloud.google.com/architecture/architecture-for-mlops-using-tfx-kubeflow-pipelines-and-cloud-build#cidc_architecture
   upvoted 7 times
-   **mousseUwU** 3 years ago
The image explains a lot
   upvoted 2 times
-   **bludw** Most Recent  3 months, 3 weeks ago
Selected Answer: B
B: No need of any Pub/Sub stuff
   upvoted 1 times
-   **PhilipKoku** 4 months, 2 weeks ago
Selected Answer: B
B. Cloud Build.
   upvoted 1 times
-   **Sum_Sum** 11 months, 1 week ago
Selected Answer: B
B is the only sensible answer as its a feature of CloudBuild
everything else is the delusions of a madmen
   upvoted 2 times
-   **SamuelTsch** 1 year, 3 months ago
Selected Answer: B
A, C, D need addional maunal tasks.
B is correct.
   upvoted 1 times
-   **Scipione_** 1 year, 5 months ago
Selected Answer: B
Cloud Build is the best choice but the other answers are feasible.
   upvoted 1 times
-   **M25** 1 year, 5 months ago
Selected Answer: B
Went with B
   upvoted 1 times
-   **enghabeth** 1 year, 8 months ago
Selected Answer: B
Because it is the most automatic of the options
   upvoted 1 times
-   **wish0035** 1 year, 10 months ago
Selected Answer: B
ans: B
   upvoted 1 times
-   **EFIGO** 1 year, 11 months ago
Selected Answer: B
B is the Google-recommended best practice.
   upvoted 1 times
-   **GCP72** 2 years, 2 months ago
Correct answer is "B"
   upvoted 1 times
-   **morgan62** 2 years, 6 months ago

Selected Answer: B

B it is.

   upvoted 2 times

  **Danny2021** 3 years, 1 month ago

Easy one, B, Cloud Build is the tool for CI/CD.

   upvoted 5 times

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