

Google Discussions



Exam Professional Machine Learning Engineer All Questions

View all questions & answers for the Professional Machine Learning Engineer exam

Go to Exam

EXAM PROFESSIONAL MACHINE LEARNING ENGINEER TOPIC 1 QUESTION 51 DISCUSSIO..

Actual exam question from Google's Professional Machine Learning Engineer

Question #: 51

Topic #: 1

[\[All Professional Machine Learning Engineer Questions\]](#)

You work on a growing team of more than 50 data scientists who all use AI Platform. You are designing a strategy to organize your jobs, models, and versions in a clean and scalable way. Which strategy should you choose?

- A. Set up restrictive IAM permissions on the AI Platform notebooks so that only a single user or group can access a given instance.
- B. Separate each data scientist's work into a different project to ensure that the jobs, models, and versions created by each data scientist are accessible only to that user.
- C. Use labels to organize resources into descriptive categories. Apply a label to each created resource so that users can filter the results by label when viewing or monitoring the resources.
- D. Set up a BigQuery sink for Cloud Logging logs that is appropriately filtered to capture information about AI Platform resource usage. In BigQuery, create a SQL view that maps users to the resources they are using

Show Suggested Answer

by [chohan](#) at June 18, 2021, 4:05 p.m.

Comments




Type your comment...

Submit

  **chohan** Highly Voted  3 years, 4 months ago

I think should be C,
As IAM roles are given to the entire AI Notebook resource, not to a specific instance.

   upvoted 14 times

  **celia20200410** Highly Voted  3 years, 3 months ago

ans: c

https://cloud.google.com/ai-platform/prediction/docs/resource-labels#overview_of_labels

You can add labels to your AI Platform Prediction jobs, models, and model versions, then use those labels to organize resources into categories when viewing or monitoring the resources.

For example, you can label jobs by team (such as engineering or research) and development phase (prod or test), then filter the jobs based on the team and phase.

Labels are also available on operations, but these labels are derived from the resource to which the operation applies. You cannot add or update labels on an operation.

A label is a key-value pair, where both the key and the value are custom strings that you supply

   upvoted 10 times

  **vivid_cucumber** 2 years, 11 months ago

I read through this page: <https://cloud.google.com/ai-platform/prediction/docs/sharing-models>. This one sounds more like A. Is isn't that correct? I am not quite sure.

   upvoted 1 times

  **vivid_cucumber** 2 years, 11 months ago

or maybe A is not correct because "sharing models using IAM" only applies to "manage access to resource" but this question is more like asking to "organize jobs, models, and versions". not sure if my understanding is right or not.

   upvoted 1 times

  **furix** Most Recent  1 month, 1 week ago

B. Setting up different resources in separate projects can help separate the use of resources.
From the official guide book

   upvoted 1 times

  **PhilipKoku** 4 months, 2 weeks ago

Selected Answer: C

C) labels

   upvoted 1 times

  **Sum_Sum** 11 months, 1 week ago

C

Although there are some questions where setting up a logging sink to BQ is the answer.

   upvoted 1 times

  **M25** 1 year, 5 months ago

Selected Answer: C

Went with C

   upvoted 1 times

  **BenMS** 1 year, 7 months ago

Selected Answer: C

Restricting access is not scalable and creates silos - better to document sharable resources through tagging, hence C.

   upvoted 1 times

  **hiromi** 1 year, 10 months ago

Selected Answer: C

C

Resource tagging/labeling is the best way to manage ML resources for medium/big data science teams.

   upvoted 1 times

  **ggorzki** 2 years, 9 months ago

Selected Answer: C

https://cloud.google.com/ai-platform/prediction/docs/resource-labels#overview_of_labels

(A) applies only to notebooks which is not enough

   upvoted 4 times

Start Learning for free



Social Media

[Facebook](#) , [Twitter](#)

[YouTube](#) , [Reddit](#)

[Pinterest](#)



We are the biggest and most updated IT certification exam material website.

Using our own resources, we strive to strengthen the IT professionals community for free.



© 2024 ExamTopics

ExamTopics doesn't offer Real Microsoft Exam Questions. ExamTopics doesn't offer Real Amazon Exam Questions. ExamTopics Materials do not contain actual questions and answers from Cisco's Certification Exams.

CFA Institute does not endorse, promote or warrant the accuracy or quality of ExamTopics. CFA® and Chartered Financial Analyst® are

