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Exam Associate Cloud Engineer All Questions

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EXAM ASSOCIATE CLOUD ENGINEER TOPIC 1 QUESTION 156 DISCUSSION

Actual exam question from Google's Associate Cloud Engineer

Question #: 156

Topic #: 1

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You are the team lead of a group of 10 developers. You provided each developer with an individual Google Cloud Project that they can use as their personal sandbox to experiment with different Google Cloud solutions. You want to be notified if any of the developers are spending above \$500 per month on their sandbox environment. What should you do?

- A. Create a single budget for all projects and configure budget alerts on this budget.
- B. Create a separate billing account per sandbox project and enable BigQuery billing exports. Create a Data Studio dashboard to plot the spending per billing account.
- C. Create a budget per project and configure budget alerts on all of these budgets.
- D. Create a single billing account for all sandbox projects and enable BigQuery billing exports. Create a Data Studio dashboard to plot the spending per project.


Show Suggested Answer

by [SSPC](#) at Aug. 13, 2020, 10:26 a.m.

Comments

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  **ESP_SAP**  4 years, 2 months ago

Correct Answer is (C):

Set budgets and budget alerts

Overview

Avoid surprises on your bill by creating Cloud Billing budgets to monitor all of your Google Cloud charges in one place. A budget enables you to track your actual Google Cloud spend against your planned spend. After you've set a budget amount, you set budget alert threshold rules that are used to trigger email notifications. Budget alert emails help you stay informed about how your spend is tracking against your budget.

2. Set budget scope

Set the budget Scope and then click Next.

In the Projects field, select one or more projects that you want to apply the budget alert to. To apply the budget alert to all the projects in the Cloud Billing account, choose Select all.



<https://cloud.google.com/billing/docs/how-to/budgets#budget-scope>

   upvoted 48 times

  **dang1986** 2 years, 8 months ago

You're the only answer I take seriously "Thumbs up"

   upvoted 3 times

  **bobthebuilder55110** 2 years, 2 months ago

wait a minute, why not A ?

As you said that

" In the Projects field, select one or more projects that you want to apply the budget alert to. To apply the budget alert to all the projects in the Cloud Billing account, choose Select all. "

As per this I should be able to create single budget for all the projects and should be able to set alert on that, why create separate budget for all 10 projects ?

   upvoted 1 times

  **Priyanka109** 2 years ago




It will be a combined budget that's why it's C

   upvoted 2 times

  **Hjameel**  4 years, 2 months ago

I think C is the best answer.



   upvoted 10 times

  **denno22**  1 week, 4 days ago

Selected Answer: C

C

   upvoted 1 times

  **yehia2221** 2 months, 3 weeks ago

Agree, answer C, as there is no a common billing account mentioned in the question, we need to create a budget by project.

   upvoted 1 times

  **Cynthia2023** 9 months, 3 weeks ago

Selected Answer: C

The scope of a budget in GCP can be defined at different levels:

1. Project-Level Budget:

2. Billing Account-Level Budget:

3. Specific Services or Labels:

- GCP allows you to create budgets for specific services (like Compute Engine, Cloud Storage, etc.) or resources labeled with specific labels within a project or billing account. This level of granularity is useful for tracking costs associated with particular services or resource categories.

4. Credits and Other Filters:

- When setting up a budget, you can include or exclude certain types of costs, such as credits, discounts, or taxes, depending on your monitoring needs.

   upvoted 2 times

  **Captain1212** 1 year, 1 month ago

Selected Answer: C

C is the correct answer, because question demands that which project goes over the 500 per month, to check that you need to create the budget on project.

need to create the budget per project

? ? ? upvoted 2 times

? ? **Kopy** 1 year, 11 months ago

Selected Answer: C

Correct Answer is (C):

? ? ? upvoted 1 times

? ? **Angel_99** 2 years, 2 months ago

Selected Answer: C

Key is anyone goes above \$500 means it requires project level

? ? ? upvoted 2 times

? ? **AzureDP900** 2 years, 4 months ago

Key is anyone goes above \$500 means it requires project level so C is right

? ? ? upvoted 1 times

? ? **wael_tn** 2 years, 6 months ago

Selected Answer: C

Clearly C is the answer

? ? ? upvoted 1 times

? ? **pondai** 3 years, 7 months ago

Does anyone knows Data Studio can be alert to email? If it can't I'll pick C

? ? ? upvoted 5 times

? ? **GCP_Student1** 3 years, 7 months ago

C. Create a budget per project and configure budget alerts on all of these budgets.

? ? ? upvoted 4 times

? ? **andregrip** 3 years, 8 months ago

I believe is A because of this...

Projects: In the Projects field, select one or more projects that you want to apply the budget alert to. To apply the budget alert to all of the projects in the Cloud Billing account, choose Select all.

Some costs are not related to a project, such as the costs of subscriptions or Support costs.

In the budget's project scope, in the list of projects you can filter on, [Charges not specific to a project] is not an option you can select.

If you choose Select all, then the costs in all projects, including Charges not specific to a project, are included in the budget and cost trend chart cost calculations.

If you select one or more projects - but not all projects - then the Charges not specific to a project are not included in the budget and cost trend chart cost calculations.

You can view your costs that are not related to a project in the billing reports. Using the projects filter in the reports page, you can select and view [Charges not specific to a project].

URL: <https://cloud.google.com/billing/docs/how-to/budgets>

? ? ? upvoted 3 times

? ? **Ridhanya** 2 years, 10 months ago

but how will you know who crossed the limit. what if the summation of their usage exceeds 500? the corresponding alert would be a false alarm

? ? ? upvoted 5 times

? ? **Bhagirathi** 3 years, 11 months ago

which one correct?

? ? ? upvoted 1 times

? ? **swatititame** 3 years, 11 months ago

• C. Create a budget per project and configure budget alerts on all of these budgets.

? ? ? upvoted 1 times

? ? **xtian2900** 4 years, 1 month ago

is C, not A

with A, i guess if you create a single budget for all projects, together they can easily beat the \$500 mark and you need to know if "one developer" did it.

so one budget per project is the solution.

? ? ? upvoted 4 times

? ? **[Removed]** 4 years, 1 month ago

Yes C is correct, I would have gone with B and D as billing export is the crucial element for billing, but both the option don't talk about notifying about spending.

Also, you don't want to combine the billing for all as each one can spend up to 500 so it will be better if they are individual so A is out.

   upvoted 3 times

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