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EXAM ASSOCIATE CLOUD ENGINEER TOPIC 1 QUESTION 201 DISCUSSION

Actual exam question from Google's Associate Cloud Engineer

Question #: 201

Topic #: 1

[All Associate Cloud Engineer Questions]

Your company has multiple projects linked to a single billing account in Google Cloud. You need to visualize the costs with specific metrics that should be dynamically calculated based on company-specific criteria. You want to automate the process. What should you do?

A. In the Google Cloud console, visualize the costs related to the projects in the Reports section.

B. In the Google Cloud console, visualize the costs related to the projects in the Cost breakdown section.

C. In the Google Cloud console, use the export functionality of the Cost table. Create a Looker Studio dashboard on top of the CSV export.

D. Configure Cloud Billing data export to BigQuery for the billing account. Create a Looker Studio dashboard on top of the BigQuery export.

Show Suggested Answer

by MrJkr at *June 25, 2023, 2:43 p.m.*

Comments

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MrJkr **Highly Voted** 1 year, 3 months ago

Selected Answer: D

Option D closely aligns with the requirements mentioned in the question.

By configuring Cloud Billing data export to BigQuery, you can automate the process of exporting billing data to a BigQuery dataset. You can then use Looker Studio, a data visualization and exploration platform, to create a dashboard on top of the BigQuery export. This allows you to visualize costs with specific metrics that can be dynamically calculated based on company-specific criteria.

upvoted 6 times

scanner2 **Highly Voted** 1 year, 1 month ago

Selected Answer: D

Cloud Billing export to BigQuery enables you to export detailed Google Cloud billing data (such as usage, cost estimates, and pricing data) automatically throughout the day to a BigQuery dataset that you specify. Then you can access your Cloud Billing data from BigQuery for detailed analysis, or use a tool like Looker Studio to visualize your data.

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scanner2 1 year, 1 month ago

https://cloud.google.com/billing/docs/how-to/export-data-bigquery

upvoted 3 times

PiperMe **Most Recent** 7 months, 3 weeks ago

Selected Answer: D

The key here is that the cost visualization goes beyond the standard metrics, implying a need to manipulate and aggregate the raw data which makes D the best solution

upvoted 2 times

mzchelino 1 year, 1 month ago

Selected Answer: D

D!
Keys here are "dynamically calculated" and "automate".

upvoted 3 times

Shubha1 1 year, 2 months ago

why not A? can someone pls explain

upvoted 1 times

Linhtinh603 10 months, 2 weeks ago

Answer A is using default report with basic charts and trends, dose not customize as company-specific criteria. Therefore, answer D is correct.

upvoted 1 times

Husni_adam 1 year, 3 months ago

Selected Answer: D

D is the right answer because you can automate process with export billing data to bigquery and then using the bigquery export to create the Looker studio dashboard

upvoted 2 times

Husni_adam 1 year, 3 months ago

https://cloud.google.com/billing/docs/how-to/export-data-bigquery

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