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Exam Professional Cloud Security Engineer All Questions

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📄 **EXAM PROFESSIONAL CLOUD SECURITY ENGINEER TOPIC 1 QUESTION 234 DISCUSSION**

Actual exam question from Google's Professional Cloud Security Engineer

Question #: 234

Topic #: 1

[All Professional Cloud Security Engineer Questions]

Your organization uses BigQuery to process highly sensitive, structured datasets. Following the "need to know" principle, you need to create the Identity and Access Management (IAM) design to meet the needs of these users:

• Business user: must access curated reports.

• Data engineer: must administrate the data lifecycle in the platform.

• Security operator: must review user activity on the data platform.

What should you do?

> A. Configure data access log for BigQuery services, and grant Project Viewer role to security operator.
>
> B. Set row-based access control based on the "region" column, and filter the record from the United States for data engineers.
>
> C. Create curated tables in a separate dataset and assign the role roles/bigquery.dataViewer.
>
> D. Generate a CSV data file based on the business user's needs, and send the data to their email addresses.

Show Suggested Answer

by 👤 **MisterHairy** at *Nov. 21, 2023, 10:48 p.m.*

Comments

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MisterHairy `Highly Voted` 1 year, 8 months ago

Selected Answer: C

Correction. The most correct answer would be C. Create curated tables in a separate dataset and assign the role roles/bigquery.dataViewer.

This option directly addresses the needs of the business user who must access curated reports. By creating curated tables in a separate dataset, you can control access to specific data. Assigning the roles/bigquery.dataViewer role allows the business user to view the data in BigQuery.

While option A is also a good practice for a security operator, it doesn't directly address the specific needs of the users mentioned in the question as effectively as option C does. Therefore, if you can only choose one answer, option C would be the most correct.

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JohnDohertyDoe `Most Recent ⊙` 7 months ago

Selected Answer: C

The answers do not fit all the requirements. But the one that addresses is C. A is not right, as even if Data Access logs are enabled, they cannot be viewed by the Security Operator role with `viewer`, they would need `logging.privateLogViewer`.

👍 ↩ ⚑ upvoted 1 times

Mr_MIXER007 10 months, 3 weeks ago

Selected Answer: C

C. Create curated tables in a separate dataset and assign the role roles/bigquery.dataViewer.

👍 ↩ ⚑ upvoted 1 times

Nkay17 1 year, 1 month ago

Answer C:
Data Access audit logs—except for BigQuery Data Access audit logs—are disabled by default because audit logs can be quite large.

👍 ↩ ⚑ upvoted 1 times

Bettoxicity 1 year, 3 months ago

Selected Answer: A

A is the correct!

👍 ↩ ⚑ upvoted 1 times

dija123 1 year, 4 months ago

Selected Answer: A

Option A (data access logs and Project Viewer for security) offers a simpler path to achieve "need to know" for business users and data engineers while providing the security operator with visibility into user activity.

👍 ↩ ⚑ upvoted 1 times

dija123 1 year, 4 months ago

Selected Answer: A

Sorry I wanted to vote for A

👍 ↩ ⚑ upvoted 1 times

dija123 1 year, 4 months ago

Selected Answer: C

Both Option A and Option C can be effective for different reasons. Option A offers simplicity and aligns with "need to know" for most users, while Option C provides more granular control over data access but requires additional configuration.

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MisterHairy 1 year, 8 months ago

Selected Answer: A

A. Configure data access log for BigQuery services, and grant Project Viewer role to security operator. This allows the security operator to review user activity on the data platform.

C. Create curated tables in a separate dataset and assign the role roles/bigquery.dataViewer. This allows the business user to access curated reports. The data engineer can administrate the data lifecycle in the platform.

👍 ↩ ⚑ upvoted 1 times

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