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Exam Professional Cloud Security Engineer All Questions
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📄 **EXAM PROFESSIONAL CLOUD SECURITY ENGINEER TOPIC 1 QUESTION 260 DISCUSSION**

Actual exam question from Google's Professional Cloud Security Engineer
Question #: 260
Topic #: 1
[All Professional Cloud Security Engineer Questions]

Your organization uses Google Cloud to process large amounts of location data for analysis and visualization. The location data is potentially sensitive. You must design a solution that allows storing and processing the location data securely, minimizing data exposure risks, and adhering to both regulatory guidelines and your organization's internal data residency policies. What should you do?

A. Enable location restrictions on Compute Engine instances and virtual disk resources where the data is handled. Apply labels to tag geographic metadata for all stored data.

B. Use the Cloud Data Loss Prevention (Cloud DLP) API to scan for sensitive location data before any storage or processing. Create Cloud Storage buckets with global availability for optimal performance, relying on Cloud DLP results to filter and control data access.

C. Create regional Cloud Storage buckets with Object Lifecycle Management policies that limit data lifetime. Enable fine-grained access controls by using IAM conditions. Encrypt data with customer-managed encryption keys (CMEK) generated within specific Cloud KMS key locations.

D. Store data within BigQuery in a specified region by using dataset location configuration. Use authorized views and row-level security to enforce geographic access restrictions. Encrypt data within BigQuery tables by using customer-managed encryption keys (CMEK).

Show Suggested Answer

by 👤 yokoyan at *Sept. 6, 2024, 1:27 a.m.*

Comments

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⊟ 👤 **yokoyan** `Highly Voted 👍` 10 months, 3 weeks ago

`Selected Answer: D`

I think it's D.

👍 ↩ 🚩 upvoted 5 times

⊟ 👤 **MoAk** `Most Recent ⊘` 8 months ago

`Selected Answer: D`

Key word in the Q to look out for... analysis of data. Analysis of data typically = BQ required

👍 ↩ 🚩 upvoted 2 times

⊟ 👤 **nah99** 8 months ago

`Selected Answer: D`

BigQuery

👍 ↩ 🚩 upvoted 1 times

⊟ 👤 **KLei** 8 months, 2 weeks ago

`Selected Answer: D`

Originally A, but this "process large amounts of location data for analysis and visualization" makes me choose D. BQ is the best data store for analysis and visualization. I think.

👍 ↩ 🚩 upvoted 3 times