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Exam Professional Data Engineer All Questions
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📄 **EXAM PROFESSIONAL DATA ENGINEER TOPIC 1 QUESTION 215 DISCUSSION**

Actual exam question from Google's Professional Data Engineer

Question #: 215

Topic #: 1

[All Professional Data Engineer Questions]

You are administering a BigQuery dataset that uses a customer-managed encryption key (CMEK). You need to share the dataset with a partner organization that does not have access to your CMEK. What should you do?

A. Provide the partner organization a copy of your CMEKs to decrypt the data.

B. Export the tables to parquet files to a Cloud Storage bucket and grant the storageinsights.viewer role on the bucket to the partner organization.

C. Copy the tables you need to share to a dataset without CMEKs. Create an Analytics Hub listing for this dataset.

D. Create an authorized view that contains the CMEK to decrypt the data when accessed.

Show Suggested Answer

by 👤 **e70ea9e** at *Dec. 30, 2023, 9:40 a.m.*

Comments

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⊟ 👤 **JyoGCP** 8 months, 3 weeks ago

Selected Answer: C

Analytics Hub

👍 ↩ ⚑ upvoted 2 times

⊟ 👤 **raaad** 10 months ago

Selected Answer: C

- Create a copy of the necessary tables into a new dataset that doesn't use CMEK, ensuring the data is accessible without requiring the partner to have access to the encryption key.
- Analytics Hub can then be used to share this data securely and efficiently with the partner organization, maintaining control and governance over the shared data.

👍 ↩ ⚑ upvoted 3 times

⊟ 👤 **e70ea9e** 10 months, 1 week ago

Selected Answer: C

Preserves Key Confidentiality:

Avoids sharing your CMEK with the partner, upholding key security and control.

👍 ↩ ⚑ upvoted 2 times