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Exam Professional Data Engineer All Questions

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📄 EXAM PROFESSIONAL DATA ENGINEER TOPIC 1 QUESTION 312 DISCUSSION

Actual exam question from Google's Professional Data Engineer

Question #: 312

Topic #: 1

[All Professional Data Engineer Questions]

You are migrating your on-premises data warehouse to BigQuery. As part of the migration, you want to facilitate cross-team collaboration to get the most value out of the organization's data. You need to design an architecture that would allow teams within the organization to securely publish, discover, and subscribe to read-only data in a self-service manner. You need to minimize costs while also maximizing data freshness. What should you do?

A. Use Analytics Hub to facilitate data sharing.

B. Create authorized datasets to publish shared data in the subscribing team's project.

C. Create a new dataset for sharing in each individual team's project. Grant the subscribing team the bigquery.dataViewer role on the dataset.

D. Use BigQuery Data Transfer Service to copy datasets to a centralized BigQuery project for sharing.

Show Suggested Answer

by 👤 **FireAtMe** at *Dec. 16, 2024, 3:30 a.m.*

Comments

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Pime13 3 months, 4 weeks ago

Selected Answer: A

Analytics Hub is designed to enable secure and scalable data sharing across organizational boundaries. It allows teams to publish, discover, and subscribe to datasets without the need to replicate data, ensuring data freshness and minimizing cost

https://cloud.google.com/blog/products/data-analytics/bigquery-analytics-hub-for-data-sharing
https://cloud.google.com/bigquery/docs/analytics-hub-introduction

upvoted 1 times

FireAtMe 4 months, 3 weeks ago

Selected Answer: A

Analytics Hub is a fully managed data sharing platform provided by Google Cloud. It allows organizations to publish, discover, and subscribe to datasets securely and efficiently. It facilitates collaboration across teams or even across organizations by enabling self-service access to shared data without duplicating or moving it.

upvoted 4 times