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EXAM CLOUD DIGITAL LEADER TOPIC 1 QUESTION 226 DISCUSSION

Actual exam question from Google's Cloud Digital Leader
Question #: 226
Topic #: 1
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An organization wants to build a data pipeline to transform its data so it can be reconciled in a data warehouse. The solution must be scalable and require little or no management. Which Google product or service should the organization choose?

A. Cloud Bigtable

B. Cloud Storage

C. Pub/Sub

D. Dataflow

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by Vivek007 at *April 30, 2024, 7:08 a.m.*

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Vivek007 5 months, 3 weeks ago

D: Google Cloud Dataflow is a fully-managed service designed to simplify the tasks of processing large amounts of data in both batch and stream modes. Dataflow is especially suited for data integration and ETL (extract, transform, load) tasks

both batch and stream modes. Dataflow is especially suited for data integration and ETL (extract, transform, load) tasks, making it ideal for preparing data for a data warehouse. It is built on Apache Beam, providing a unified programming model to define data processing pipelines. The scalable nature of Dataflow means it can adjust resource allocation dynamically based on the workload, and its managed service ensures that the overhead of managing server infrastructure is minimal.

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