C

G Google Discussions

Exam Professional Data Engineer All Questions

View all questions & answers for the Professional Data Engineer exam

Go to Exam

EXAM PROFESSIONAL DATA ENGINEER TOPIC 1 QUESTION 107 DISCUSSION

Actual exam question from Google's Professional Data Engineer

Question #: 107

Topic #: 1

[All Professional Data Engineer Questions]

You work for a shipping company that uses handheld scanners to read shipping labels. Your company has strict data privacy standards that require scanners to only transmit tracking numbers when events are sent to Kafka topics. A recent software update caused the scanners to accidentally transmit recipients' personally identifiable information (PII) to analytics systems, which violates user privacy rules. You want to quickly build a scalable solution using cloud-native managed services to prevent exposure of PII to the analytics systems. What should you do?

- A. Create an authorized view in BigQuery to restrict access to tables with sensitive data.
- B. Install a third-party data validation tool on Compute Engine virtual machines to check the incoming data for sensitive information.
- C. Use Cloud Logging to analyze the data passed through the total pipeline to identify transactions that may contain sensitive information.
- D. Build a Cloud Function that reads the topics and makes a call to the Cloud Data Loss Prevention (Cloud DLP) API. Use the tagging and confidence levels to either pass or quarantine the data in a bucket for review.

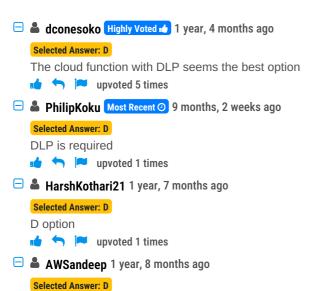
Show Suggested Answer

by AWSandeep at *Sept. 3, 2022, 2:07 p.m.*

Comments

Type your comment...

Submit

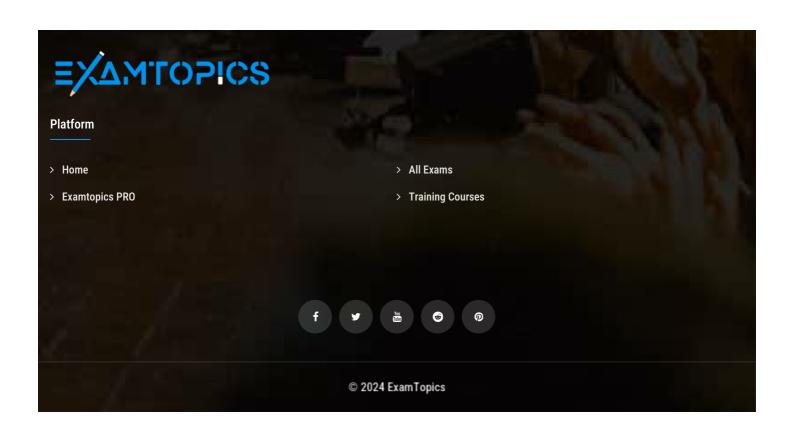


upvoted 2 times

🖃 🏜 AzureDP900 1 year, 4 months ago

Agreed

upvoted 1 times



D. Build a Cloud Function that reads the topics and makes a call to the Cloud Data Loss Prevention (Cloud DLP) API. Use

the tagging and confidence levels to either pass or quarantine the data in a bucket for review.