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### Exam Professional Data Engineer All Questions

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## EXAM PROFESSIONAL DATA ENGINEER TOPIC 1 QUESTION 107 DISCUSSION

Actual exam question from Google's Professional Data Engineer

Question #: 107

Topic #: 1

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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



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  **dconesoko** Highly Voted  1 year, 4 months ago

**Selected Answer: D**

The cloud function with DLP seems the best option

   upvoted 5 times

  **PhilipKoku** Most Recent  9 months, 2 weeks ago

**Selected Answer: D**

DLP is required

   upvoted 1 times

  **HarshKothari21** 1 year, 7 months ago

**Selected Answer: D**

D option

   upvoted 1 times

  **AWSandeep** 1 year, 8 months ago

**Selected Answer: D**

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.

   upvoted 2 times

  **AzureDP900** 1 year, 4 months ago

Agreed

   upvoted 1 times

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