

MENU

Google	Discussions
--------	-------------

Exam Associate Cloud Engineer All Questions

View all questions & answers for the Associate Cloud Engineer exam

Go to Exam

EXAM ASSOCIATE CLOUD ENGINEER TOPIC 1 QUESTION 244 DISCUSSION

Actual exam question from Google's Associate Cloud Engineer

Question #: 244

Topic #: 1

[All Associate Cloud Engineer Questions]

You have a Bigtable instance that consists of three nodes that store personally identifiable information (PII) data. You need to log all read or write operations, including any metadata or configuration reads of this database table, in your company's Security Information and Event Management (SIEM) system. What should you do?

- A. Navigate to Cloud Monitoring in the Google Cloud console, and create a custom monitoring job for the Bigtable instance to track all changes.
- Create an alert by using webhook endpoints, with the SIEM endpoint as a receiver.
- B. Navigate to the Audit Logs page in the Google Cloud console, and enable Admin Write logs for the Bigtable instance.
- Create a Cloud Functions instance to export logs from Cloud Logging to your SIEM.
- C. Navigate to the Audit Logs page in the Google Cloud console, and enable Data Read, Data Write and Admin Read logs for the Bigtable instance.
- Create a Pub/Sub topic as a Cloud Logging sink destination, and add your SIEM as a subscriber to the topic.
- D. Install the Ops Agent on the Bigtable instance during configuration.
- Create a service account with read permissions for the Bigtable instance.
- · Create a custom Dataflow job with this service account to export logs to the company's SIEM system.

Show Suggested Answer

Comments
Type your comment
Submit
? ? taylz876 Highly Voted ? 1 year ago Selected Answer: C
Option C is the most appropriate choice for capturing audit and data access logs from a Bigtable instance and sending them to your SIEM system.
 Enabling Data Read, Data Write, and Admin Read logs for the Bigtable instance ensures that you capture the relevant operations, including read and write operations, as well as administrative reads, in the audit logs. Creating a Pub/Sub topic as a Cloud Logging sink destination allows you to export the logs from Cloud Logging to Pub/Sub. This is a common approach for sending logs to external systems, including SIEMs. Adding your SIEM as a subscriber to the Pub/Sub topic ensures that the logs are forwarded to your SIEM system, allowing you to monitor and analyze them for security and compliance purposes.
NB:A Cloud Logging sink destination is a configuration that specifies where logs collected by Google Cloud's Cloud Logging service should be sent or exported. It allows you to control the destination of logs generated by various Google Cloud services, such as Compute Engine, Cloud Storage, BigQuery, and more.
? ? upvoted 7 times
? ? denno22 Most Recent ? 1 week, 3 days ago
Selected Answer: C https://cloud.google.com/bigtable/docs/audit-logging#permission-type ? ? upvoted 1 times
? sinh 9 months, 1 week ago
Selected Answer: C
https://cloud.google.com/bigtable/docs/audit-logging ? ? upvoted 2 times
? joao_01 1 year, 1 month ago
Selected Answer: C Its C!
? ? upvoted 1 times
Captain1212 1 year, 1 month ago
Selected Answer: C C is the correct answer, as it helps you to read and write ? ? upvoted 2 times
? scanner2 1 year, 1 month ago
Selected Answer: C C is correct. ? ? ? upvoted 1 times
[Removed] 1 year, 2 months ago Selected Answer: C
https://cloud.google.com/bigtable/docs/audit-logging#available-logs B: Admin write logs are already enabled by default ? ? upvoted 1 times
? 3arle 1 year, 2 months ago

Data Access audit logs—except for BigQuery—are disabled by default and you need to enable them

- ? ? upvoted 2 times
- ? qannik 1 year, 2 months ago

Selected Answer: B

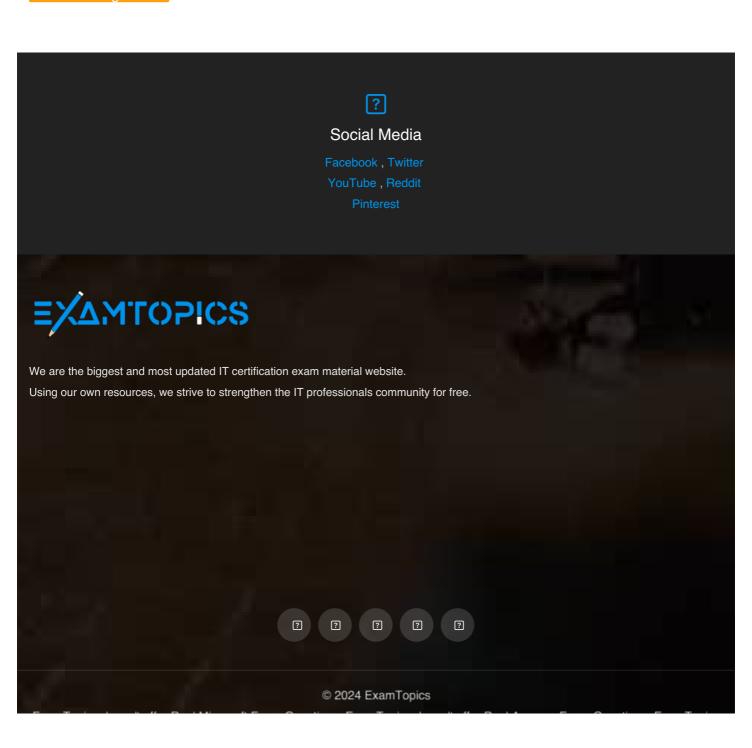
Selected Answer: C

Enabling Admin Write logs for the Bigtable instance in Cloud Logging will capture administrative write actions on the Bigtable instance. This includes any configuration changes and metadata reads related to the Bigtable instance. Creating a Cloud Functions instance and configuring it to export logs from Cloud Logging to your SIEM allows you to take

the captured logs and route them to your SIEM system in a format that your SIEM can understand. Cloud Functions can act as a serverless function to process and forward the logs to your SIEM using an appropriate method, such as sending them via an API or message queue.

? ? upvoted 2 times

Start Learning for free



Exam lopics doesn't offer Heal Microsoft Exam Questions. Exam lopics doesn't offer Heal Amazon Exam Questions. Exam lopics

Materials do not contain actual questions and answers from Cisco's Certification Exams.

CFA Institute does not endorse, promote or warrant the accuracy or quality of ExamTopics. CFA® and Chartered Financial

Analyst® are registered trademarks owned by CFA Institute.