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EXAM ASSOCIATE CLOUD ENGINEER TOPIC 1 QUESTION 68 DISCUSSION

Actual exam question from Google's Associate Cloud Engineer

Question #: 68

Topic #: 1

[All Associate Cloud Engineer Questions]

For analysis purposes, you need to send all the logs from all of your Compute Engine instances to a BigQuery dataset called platform-logs. You have already installed the Cloud Logging agent on all the instances. You want to minimize cost. What should you do?

A. 1. Give the BigQuery Data Editor role on the platform-logs dataset to the service accounts used by your instances. 2. Update your instances' metadata to add the following value: logs-destination: bq://platform-logs.

B. 1. In Cloud Logging, create a logs export with a Cloud Pub/Sub topic called logs as a sink. 2. Create a Cloud Function that is triggered by messages in the logs topic. 3. Configure that Cloud Function to drop logs that are not from Compute Engine and to insert Compute Engine logs in the platform-logs dataset.

C. 1. In Cloud Logging, create a filter to view only Compute Engine logs. 2. Click Create Export. 3. Choose BigQuery as Sink Service, and the platform-logs dataset as Sink Destination.

D. 1. Create a Cloud Function that has the BigQuery User role on the platform-logs dataset. 2. Configure this Cloud Function to create a BigQuery Job that executes this query: INSERT INTO dataset.platform-logs (timestamp, log) SELECT timestamp, log FROM compute.logs WHERE timestamp > DATE_SUB(CURRENT_DATE(), INTERVAL 1 DAY) 3. Use Cloud Scheduler to trigger this Cloud Function once a day.

Show Suggested Answer

by sumanshu at *March 16, 2021, 10:30 p.m.*

Comments

sumanshu `Highly Voted` 3 years, 7 months ago

vote for ''C"

https://cloud.google.com/logging/docs/export/configure_export_v2

upvoted 22 times

vmart `Highly Voted` 3 years, 4 months ago

I vote for C

upvoted 7 times

Nitesh2000 `Most Recent` 8 months, 3 weeks ago

Option C

upvoted 1 times

BAofBK 11 months, 2 weeks ago

The correct answer is C

upvoted 1 times

axantroff 1 year ago

C, it's simple enough

upvoted 2 times

Captain1212 1 year, 1 month ago

Selected Answer: C

C , it minimizes the cost

upvoted 1 times

jayjani66 1 year, 3 months ago

Answer: C. Option C allows you to create a log export from Cloud Logging to BigQuery with minimal setup and cost. By creating a filter to view only Compute Engine logs, you ensure that only the relevant logs are exported to BigQuery, reducing unnecessary data transfer and storage costs.

upvoted 3 times

Kyle1776 1 year, 4 months ago

Selected Answer: B

B looks like the most cost effective option since filtering out only the logs you need will reduce storage and data transfer costs.

upvoted 1 times

Kyle1776 1 year, 4 months ago

Correction - C

upvoted 1 times

Buruguduystunstugudunstuy 1 year, 8 months ago

Selected Answer: C

The most cost-effective and recommended solution to send logs from Compute Engine instances to BigQuery is to use the Cloud Logging agent with a sink that streams the logs to BigQuery.

Answer C is the most appropriate solution. In Cloud Logging, create a filter to view only Compute Engine logs. Click Create Export. Choose BigQuery as Sink Service, and the platform-logs dataset as Sink Destination. This will allow all Compute Engine instance logs to be exported to BigQuery with minimal complexity and cost.

upvoted 3 times

David_Esteban 1 year, 10 months ago

Selected Answer: C

Mi vote is for "c"

upvoted 1 times

cslince 1 year, 10 months ago

Selected Answer: C

vote for ''C"

upvoted 1 times

Charumathi 2 years ago

C. is correct, Sinks control how Cloud Logging routes logs. Using sinks, you can route some or all of your logs to supported destinations.

upvoted 3 times

AzureDP900 2 years, 4 months ago

I will go with C..

upvoted 1 times

haroldbenites 2 years, 4 months ago

Go for C

upvoted 1 times

somenick 2 years, 7 months ago

Selected Answer: C

Outdated question. It's now about Cloud Sink, but C is the closest option

upvoted 5 times

NoniGeorge 2 years, 9 months ago

I think it's C as all the other ones seem to get logs from everywhere not just Compute Engine!

upvoted 4 times

jaykumarjkd99 2 years, 11 months ago

Selected Answer: C

I vote for C

upvoted 4 times

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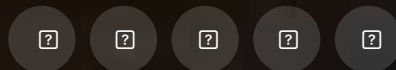
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