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Exam Professional Cloud Security Engineer All Questions

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📄 EXAM PROFESSIONAL CLOUD SECURITY ENGINEER TOPIC 1 QUESTION 203 DISCUSSION

Actual exam question from Google's Professional Cloud Security Engineer

Question #: 203

Topic #: 1

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Your organization must comply with the regulation to keep instance logging data within Europe. Your workloads will be hosted in the Netherlands in region europe-west4 in a new project. You must configure Cloud Logging to keep your data in the country.

What should you do?

- A. Configure the organization policy constraint gcp.resourceLocations to europe-west4.
- B. Configure log sink to export all logs into a Cloud Storage bucket in europe-west4.
- C. Create a new log bucket in europe-west4, and redirect the _Default bucket to the new bucket.
- D. Set the logging storage region to europe-west4 by using the gcloud CLI logging settings update.

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by [pfilourenco](#) at Aug. 4, 2023, 9:44 a.m.

Comments

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🗨️ [desertlotus1211](#) [Highly Voted](#) 👍 1 year, 10 months ago

Answer is C:
<https://cloud.google.com/logging/docs/regionalized-logs>

This guide walks through this process using the example of redirecting all logs to the europe-west1 region. This process involves the following steps:

Create a log bucket in the designated region for storing the logs.

Redirect the _Default sink to route the logs to the new log bucket.

Search for logs in the Logs Explorer.

(Optional) Update the log retention period.

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🗄 👤 **ElviraRrr** 1 year, 10 months ago

Note: After you create your log bucket, you can't change your bucket's region. If you need a bucket in a different region, you must create a new bucket in that region, redirect the appropriate sinks to the new bucket, and then delete the old bucket.

https://cloud.google.com/logging/docs/buckets#create_bucket

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🗄 👤 **desertlotus1211** 1 year, 6 months ago

The question ask for a NEW bucket. not change the existing.. C is correct

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🗄 👤 **espressoboy** 1 year, 10 months ago

Is this not project specific though? The command has us specify the project for us to apply this redirect too, e.g.:

```
gcloud logging sinks update _Default \
logging.googleapis.com/projects/logs-test-project/locations/europe-west1/buckets/region-1-logs-bucket
```

If this org is deploying workloads across different projects surely those projects will each have a new _Default log sink?

To cover this use case you'll need Option D "<https://cloud.google.com/logging/docs/default-settings#view-org-settings>" :

"if you want to automatically apply a particular storage region to the new _Default and _Required buckets created in your organization, you can configure default resource location"

Option D Let's us configure Org level regionalisation for all new _Default Log sinks.

👍 ↩ 🚩 upvoted 2 times

🗄 👤 **JohnDohertyDoe** Most Recent 7 months ago

Selected Answer: D

<https://cloud.google.com/sdk/gcloud/reference/logging/settings/update#--storage-location>

The question talks about a new project, so this is the better solution. If it was an existing project, then it would make sense to create a new log bucket and redirect (Option C).

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🗄 👤 **BPzen** 8 months ago

Selected Answer: C

Why Option C is Correct

Log Buckets and Regional Compliance:

Cloud Logging allows you to create log buckets in specific regions to comply with data residency requirements.

By creating a log bucket in europe-west4, you ensure that all logs are stored within the required region.

Redirecting the _Default Bucket:

The _Default bucket is used by Cloud Logging to store logs by default.

Redirecting logs from the _Default bucket to the newly created regional log bucket ensures that all logs are compliant with the regulation.

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🗄 👤 **Mr_MIXER007** 10 months, 4 weeks ago

Selected Answer: C

Create a new log bucket in europe-west4, and redirect the _Default bucket to the new bucket

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🗄 👤 **Potatoe2023** 1 year, 3 months ago

Selected Answer: C

Answer is C according to:

<https://cloud.google.com/storage/docs/moving-buckets>

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  **Betotoxicity** 1 year, 3 months ago

Selected Answer: D

D: Granular Control: Using gcloud CLI logging settings update specifically targets the logging storage region. This ensures logs are stored in the desired region (europe-west4) without affecting other settings.

Why not C: Creating a new bucket in europe-west4 and redirecting the default bucket wouldn't change the storage region of existing logs. It might only affect future logs written to the new bucket.

   upvoted 3 times

  **glb2** 1 year, 4 months ago

Selected Answer: C

<https://cloud.google.com/logging/docs/default-settings#specify-region>

   upvoted 3 times

  **rushi000001** 1 year, 5 months ago

Answer C:

Log Bucket is on Project level

gcloud CLI logging settings update work on Org/Folder level, if we apply on Org/Folder level it will update for all Projects which may using other regions in Europe

   upvoted 4 times

  **b6f53d8** 1 year, 5 months ago

Selected Answer: C

you need to create new bucket in specific region

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  **chimz2002** 1 year, 9 months ago

Selected Answer: D

D. Set the logging storage region to Europe-west4 using the gcloud CLI logging settings update.

Here's how this option aligns with the requirement:

By setting the logging storage region to Europe-west4, you ensure that the log data will be stored in the specified region, which complies with the regulation to keep instance logging data within Europe.

   upvoted 1 times

  **ElviraRrr** 1 year, 10 months ago

Selected Answer: C

Note: After you create your log bucket, you can't change your bucket's region. If you need a bucket in a different region, you must create a new bucket in that region, redirect the appropriate sinks to the new bucket, and then delete the old bucket.

https://cloud.google.com/logging/docs/buckets#create_bucket

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  **cyberpunk21** 1 year, 11 months ago

Selected Answer: D

D is correct

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  **anshad666** 1 year, 11 months ago

Selected Answer: D

<https://cloud.google.com/logging/docs/default-settings#config-logging>

   upvoted 1 times

  **RuchiMishra** 1 year, 11 months ago

Selected Answer: C

<https://cloud.google.com/logging/docs/default-settings#specify-region>

   upvoted 1 times

  **Mithung30** 1 year, 11 months ago

Selected Answer: D

<https://cloud.google.com/logging/docs/default-settings#config-logging>

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  **nfileurance** 1 year, 11 months ago

 **pnuorencu** 1 year, 11 months ago

Selected Answer: D

D is the correct option:

gcloud logging settings update --organization=ORGANIZATION_ID --storage-location=LOCATION
from: <https://cloud.google.com/logging/docs/default-settings#config-logging>

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 **a190d62** 1 year, 11 months ago

Selected Answer: C

C

<https://cloud.google.com/logging/docs/regionalized-logs>

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