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EXAM PROFESSIONAL DATA ENGINEER TOPIC 1 QUESTION 232 DISCUSSION

Actual exam question from Google's Professional Data Engineer

Question #: 232

Topic #: 1

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You are on the data governance team and are implementing security requirements to deploy resources. You need to ensure that resources are limited to only the europe-west3 region. You want to follow Google-recommended practices.

What should you do?

- A. Set the constraints/gcp.resourceLocations organization policy constraint to in:europe-west3-locations.
- B. Deploy resources with Terraform and implement a variable validation rule to ensure that the region is set to the europe-west3 region for all resources.
- C. Set the constraints/gcp.resourceLocations organization policy constraint to in:eu-locations.
- D. Create a Cloud Function to monitor all resources created and automatically destroy the ones created outside the europe-west3 region.

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by [scaenruy](#) at Jan. 3, 2024, 12:47 p.m.

Comments

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🗄️ 👤 **raaad** Highly Voted 1 year, 4 months ago

Selected Answer: A

- The constraints/gcp.resourceLocations organization policy constraint is used to define where resources in the organization can be created.
- Setting it to in:europe-west3-locations would specify that resources can only be created in the europe-west3 region.

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🗄️ 👤 **SanjeevRoy91** 1 year, 1 month ago

I am new to this forum. In almost all the questions, the reveal solution is different than the once's discussed here??

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🗄️ 👤 **b3e59c2** Most Recent 3 months, 4 weeks ago

Selected Answer: A

https://cloud.google.com/resource-manager/docs/organization-policy/defining-locations#location_types

👍 ↩️ 🚩 upvoted 2 times

🗄️ 👤 **chrissamharris** 7 months, 2 weeks ago

B, D

B - Increase the Cloud Composer 2 environment size from medium to large.

Increasing the environment size will provide more resources (including memory) to the entire environment, which should help mitigate memory usage issues. This will also support scaling if the jobs demand more resources.

D. Increase the memory available to the Airflow workers.

Increasing memory for Airflow workers will directly address the memory usage issue that's causing the pod evictions. By allocating more memory to the workers, they can handle larger tasks or more intensive workloads without failing due to memory constraints.

👍 ↩️ 🚩 upvoted 1 times

🗄️ 👤 **hrishi19** 5 months, 2 weeks ago

this comment is for previous question, not this one.

👍 ↩️ 🚩 upvoted 2 times

🗄️ 👤 **JyoGCP** 1 year, 2 months ago

Selected Answer: A

Option A

👍 ↩️ 🚩 upvoted 1 times

🗄️ 👤 **Matt_108** 1 year, 3 months ago

Selected Answer: A

Option A

👍 ↩️ 🚩 upvoted 2 times

🗄️ 👤 **scaenruy** 1 year, 4 months ago

Selected Answer: A

Set the constraints/gcp.resourceLocations organization policy constraint to in:europe-west3-locations.

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