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Exam Professional Cloud Security Engineer All Questions

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EXAM PROFESSIONAL CLOUD SECURITY ENGINEER TOPIC 1 QUESTION 133 DISCUSSION

Actual exam question from Google's Professional Cloud Security Engineer

Question #: 133

Topic #: 1

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Your company's Chief Information Security Officer (CISO) creates a requirement that business data must be stored in specific locations due to regulatory requirements that affect the company's global expansion plans. After working on the details to implement this requirement, you determine the following:

- ⇒ The services in scope are included in the Google Cloud Data Residency Terms.
- ⇒ The business data remains within specific locations under the same organization.
- ⇒ The folder structure can contain multiple data residency locations.

You plan to use the Resource Location Restriction organization policy constraint. At which level in the resource hierarchy should you set the constraint?




- A. Folder
- B. Resource
- C. Project
- D. Organization

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by  Taliesyn at May 10, 2022, 3:32 p.m.

Comments

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  **mouchu** Highly Voted  3 years, 2 months ago

Answer = C



"The folder structure can contain multiple data residency locations" suggest that restriction should be applied on projects level

   upvoted 24 times

  **piyush_1982** 2 years, 11 months ago

why not D?

   upvoted 2 times

  **AzureDP900** 2 years, 8 months ago




Yes, It is C. This is very tricky question and we need to read very carefully. In general Folders will used but in this case Project is right

   upvoted 3 times

  **AzureDP900** 2 years, 8 months ago

Q 137 is same


   upvoted 1 times

  **Taliesyn** Highly Voted  3 years, 2 months ago

Selected Answer: A

Org policies can't be applied on resources ...

   upvoted 6 times

  **Mauratay** Most Recent  5 months, 2 weeks ago

Selected Answer: B

Reference:

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

A policy that includes this constraint will not be enforced on sub-resource creation for certain services, such as Cloud Storage and Dataproc.

<https://cloud.google.com/resource-manager/docs/cloud-platform-resource-hierarchy#inheritance>

Cloud Storage is a resource eligible for location constraints.

All other options would be viable with the use of value groups, at either org, folder or project level, however, the only clue here is their data to be stored, which points to cloud storage.

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

   upvoted 1 times

  **BPzen** 8 months ago

Selected Answer: C

"The folder structure can contain multiple data residency locations" suggest that restriction should be applied on projects level

   upvoted 1 times

  **Betotoxicity** 1 year, 4 months ago

Selected Answer: A

A

Why not C?: Project-level constraints wouldn't offer the desired level of granularity. You might have data in a single project that needs to be stored in different locations based on regulations.

Why no D?: Organization: An organization-level constraint would restrict all resources within the organization to a single residency location, which wouldn't meet the need for differentiated locations for various data sets.



   upvoted 1 times

  **dija123** 1 year, 4 months ago

Selected Answer: C

Agree with C

   upvoted 1 times

  **desertlotus1211** 1 year, 10 months ago

<https://cloud.google.com/assured-workloads/docs/data-residency#:~:text=Organizations%20with%20data%20residency%20requirements,select%20your%20desired%20compliance%20program.>

Organizations with data residency requirements can set up a Resource Locations policy that constrains the location of new in-scope resources for their whole organization or for individual projects.

Answer C is a better choice, though this document talks about folders. But the question says there are multiple data residency locations in that folder, so project level seems to be the best.

   upvoted 2 times

  **[Removed]** 2 years ago

Selected Answer: C

These restrictions can be applied at Org level, Folder Level or Project Level, but not resource level. Also, these policies are inherited, which means they need to be applied at the lowest child possible in the hierarchy where this is needed, not higher. This makes the answer specific to the use case rather than textbook knowledge. According to the given: "The folder structure can contain multiple data residency locations". This means that applying location restrictions at the Folder level or above will violate the requirement. This means you must apply the constraint at Project level.

Quotes from the references below:

"You can also apply the organization policy to a folder or a project with the folder or the project flags, and the folder ID and project ID, respectively." - no mention of resource level

References:

<https://cloud.google.com/resource-manager/docs/organization-policy/understanding-hierarchy>

<https://cloud.google.com/resource-manager/docs/organization-policy/using-constraints>

   upvoted 4 times

  **[Removed]** 2 years ago

"C" Project Level

These restrictions can be applied at Org level, Folder Level or Project Level, but not resource level. Also, these policies are inherited, which means they need to be applied at the lowest child possible in the hierarchy where this is needed, not higher. This makes the answer specific to the use case rather than textbook knowledge. According to the given: "The folder structure can contain multiple data residency locations". This means that applying location restrictions at the Folder level or above will violate the requirement. This means you must apply the constraint at Project level.

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References:

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<https://cloud.google.com/resource-manager/docs/organization-policy/using-constraints>

   upvoted 2 times

  **gcpengineer** 2 years, 2 months ago

Selected Answer: C

C is the ans

   upvoted 3 times

  **AnishAd** 2 years, 3 months ago

C it is ---->

Imp line to read from Question to understand why At Project level : 1. business data must be stored in specific locations due to regulatory requirements & The folder structure can contain multiple data residency locations.

--- > Since Folder is going to contain multiple data residency locations and requirement is to restrict in specific location, so Constraints should be set at project level.

   upvoted 2 times

  **alleinallein** 2 years, 3 months ago

Selected Answer: C




Project level seems to be reasonable.

   upvoted 2 times

  **marrechea** 2 years, 4 months ago

Selected Answer: C

As "The folder structure can contain multiple data residency locations." it has to be at project level

   upvoted 2 times

  **fad3r** 2 years, 4 months ago

A lot of madness in these answers.

It is C.

You can't apply it at the org level since that affects everything.

You can't apply it at the folder level since it can contain locations.



You CAN apply it at the project level.

For those who say you cant apply these policies at the org level I suggest you spend more time reading docs and testing things in a lab.

<https://cloud.google.com/blog/products/identity-security/meet-data-residency-requirements-with-google-cloud>

To strengthen these controls further, Google Cloud offers Organization Policy constraints which can be applied at the organization, folder, or project level

   upvoted 3 times

  **adelynlllllllll** 2 years, 8 months ago

the answer should be B

<https://cloud.google.com/resource-manager/docs/organization-policy/defining-locations>

   upvoted 1 times

  **Rightsaidfred** 2 years, 8 months ago

Selected Answer: C

Different Locations therefore needs to be applied at Project Level.

   upvoted 4 times

  **TonytheTiger** 2 years, 8 months ago

To set an organization policy including a resource locations constraint:

<https://cloud.google.com/resource-manager/docs/organization-policy/defining-locations>

   upvoted 1 times

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