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📄 **EXAM PROFESSIONAL CLOUD SECURITY ENGINEER TOPIC 1 QUESTION 37 DISCUSSION**

Actual exam question from Google's Professional Cloud Security Engineer

Question #: 37

Topic #: 1

[All Professional Cloud Security Engineer Questions]

A company allows every employee to use Google Cloud Platform. Each department has a Google Group, with all department members as group members. If a department member creates a new project, all members of that department should automatically have read-only access to all new project resources. Members of any other department should not have access to the project. You need to configure this behavior.
What should you do to meet these requirements?

A. Create a Folder per department under the Organization. For each department's Folder, assign the Project Viewer role to the Google Group related to that department.

B. Create a Folder per department under the Organization. For each department's Folder, assign the Project Browser role to the Google Group related to that department.

C. Create a Project per department under the Organization. For each department's Project, assign the Project Viewer role to the Google Group related to that department.

D. Create a Project per department under the Organization. For each department's Project, assign the Project Browser role to the Google Group related to that department.

Show Suggested Answer

by 👤 **cipher90** at *Sept. 17, 2020, 3:20 p.m.*

Comments

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⊟ 👤 **ownez** `Highly Voted 👍` 3 years, 10 months ago

Shouldn't it be A?

Project Browser has least permissions comparing to Project Viewer. The question is about have read-access to all new project resources.

roles/browser - Read access to browse the hierarchy for a project, including the folder, organization, and IAM policy. This role doesn't include permission to view resources in the project.

https://cloud.google.com/iam/docs/understanding-roles#project-roles

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    ⊟ 👤 **singhjoga** 3 years, 6 months ago

    Correct, it is A. Project Browser does not have access to the resources inside the project, which is the requirement in the question.

    👍 ↩ 🚩 upvoted 8 times

⊟ 👤 **uiuiui** `Most Recent ⊙` 8 months, 3 weeks ago

`Selected Answer: A`

A please

👍 ↩ 🚩 upvoted 1 times

⊟ 👤 **IIDave** 1 year, 4 months ago

`Selected Answer: A`

Create a Folder per department under the Organization. For each department's Folder, assign the Project Viewer role to the Google Group related to that department.
Grant viewer to the folder fits with automatically get permission on project creation

👍 ↩ 🚩 upvoted 2 times

⊟ 👤 **mahi9** 1 year, 5 months ago

`Selected Answer: A`

Create a Folder per department under the Organization. For each department's Folder, assign the Project Viewer role to the Google Group related to that department.

👍 ↩ 🚩 upvoted 1 times

⊟ 👤 **Meyucho** 1 year, 8 months ago

`Selected Answer: A`

Who voted C!?!??!?! The answer is A!!!!

👍 ↩ 🚩 upvoted 1 times

⊟ 👤 **AwesomeGCP** 1 year, 9 months ago

`Selected Answer: A`

Correct answer - A
https://cloud.google.com/resource-manager/docs/cloud-platform-resource-hierarchy

👍 ↩ 🚩 upvoted 1 times

⊟ 👤 **piyush_1982** 2 years ago

`Selected Answer: C`

The correct answer is definitely C.
Let's divide the question into 2 parts:

1st: Role: Key requirement: all members of that department should automatically have read-only access to all new project resources.

> The project browser role only allows read access to browse the hierarchy for a project, including the folder, organization, and allow policy. This role doesn't include permission to view resources in the project.
Hence the options B and D are not relevant as they both are browser roles which DO NOT provide access to project resources.

2nd: Option A creates a Folder per department and C creates project per department.
However, Project viewer role is only applied at the project level.
Hence the correct answer is C which creates projects per department under organization .

👍 ↩ 🚩 upvoted 2 times

Meyucho 1 year, 8 months ago

But... if you dont have a folder per department.. where will be all new projects created by users???? you will have to manually edit permissions every time!!!! Using folders yu set the permitions once and then the only task you shoul do is to maintain the proper group assignment

👍 ↩ 🏳 upvoted 2 times

alvjtc 2 years ago

Selected Answer: A

It's A, Project Viewer. Project Browser doesn't allow users to see resources, only find the project in the hierarchy.

👍 ↩ 🏳 upvoted 1 times

syllox 3 years, 2 months ago

It's A , browser is :
Read access to browse the hierarchy for a project, including the folder, organization, and IAM policy. This role doesn't include permission to view resources in the project.
https://cloud.google.com/iam/docs/understanding-roles#project-roles

👍 ↩ 🏳 upvoted 3 times

desertlotus1211 3 years, 4 months ago

The answer is A:

https://stackoverflow.com/questions/54778596/whats-the-difference-between-project-browser-role-and-project-viewer-role-in-go#:~:text=8-
,What's%20the%20difference%20between%20Project%20Browser%20role%20and,role%20in%20Google%20Cloud%20Platform&text=According%20to%20the%20console%20popup,read%20access%20to%20those%20resources.

👍 ↩ 🏳 upvoted 2 times

CloudTrip 3 years, 5 months ago

I think it's B. As the question says all members of that department should automatically have read-only access to all new project resources but browser will only provide the get, list permissions not read only permission so viewer seems to be more accurate here.

roles/browser
Read access to browse the hierarchy for a project, including the folder, organization, and IAM policy. This role doesn't include permission to view resources in the project.
resourcemanager.folders.get
resourcemanager.folders.list
resourcemanager.organizations.get
resourcemanager.projects.get
resourcemanager.projects.getIamPolicy
resourcemanager.projects.list

roles/viewer Viewer Permissions for read-only actions that do not affect state, such as viewing (but not modifying) existing resources or data.

👍 ↩ 🏳 upvoted 1 times

subhala 3 years, 7 months ago

Question says - If a department member creates a new project, all members of that department should automatically have read-only access to all new project resources. and @ownez provided documentation that says - browser role doesn't include perm to view resources in the project. Hence B is the right answer.

👍 ↩ 🏳 upvoted 1 times

Fellipo 3 years, 8 months ago

A it´s OK

👍 ↩ 🏳 upvoted 2 times

cipher90 3 years, 10 months ago

Answer is B: "have read-only access to all new project resources." So it has to be in a folder to cascade the permissions to new projects carried.

👍 ↩ 🏳 upvoted 1 times

Meyucho 1 year, 8 months ago

If you do that the other members of the department can't access to the resourses.. just list the project in the folder

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