

Quiz: Resources and Access in Google Cloud

Your score: 100% Passing score: 75%

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Congratulations! You passed this assessment.

- ✓ 1. Which statement best describes how Google Cloud resources are associated within the resource hierarchy?
- ☐ Google Cloud resources are not associated with the resource hierarchy.
 - ☐ All Google Cloud resources are associated with an organization.
 - ✓ ☒ All Google Cloud resources are associated with a project.
 - ☐ All Google Cloud resources are associated with a folder.

Correct! All Google Cloud resources are associated with a project.



Correct! All Google Cloud resources are associated with a project.

- ✓ 2. What is the difference between Identity and Access Management (IAM) basic roles and IAM predefined roles?
- ☐ Basic roles can only be granted to single users. Predefined roles can be associated with a group.
 - ☐ Basic roles only apply to the owner of the Google Cloud project. Predefined roles can be associated with any user.
 - ✓ ☒ Basic roles affect all resources in a Google Cloud project. Predefined roles apply to a specific service in a project.
 - ☐ Basic roles only allow viewing, creating, and deleting resources. Predefined roles allow any modification.

Correct!

- ✓ 3. Select the option that displays IAM roles from general to specific.
- ☐ Predefined roles, custom roles, basic roles

- ☒ Basic roles affect all resources in a Google Cloud project.
Predefined roles apply to a specific service in a project.
- ☐ Basic roles only allow viewing, creating, and deleting resources.
Predefined roles allow any modification.

Correct!

- ✓ 3. Select the option that displays IAM roles from general to specific.
- ☐ Predefined roles, custom roles, basic roles
 - ☒ Basic roles, predefined roles, custom roles
 - ☐ Custom roles, predefined roles, basic roles

Correct!

- ✓ 4. Consider a single hierarchy of Google Cloud resources. Which of these situations is possible? (Choose 3 responses.)

- ☒ There is an organization node, and there is at least one folder



- ✓ 4. Consider a single hierarchy of Google Cloud resources. Which of these situations is possible? (Choose 3 responses.)

✓ There is an organization node, and there is at least one folder.

Correct!

☐ There are two or more organization nodes.

✓ There is an organization node, and there are no folders.

Correct!

✓ There is no organization node, and there are no folders.

Correct!

☐ There is no organization node, but there is at least one folder.



Correct!

☐ There is no organization node, but there is at least one folder.

- ✓ 5. How does the resource hierarchy control how IAM policies are inherited?
- ☐ IAM policies are only implemented at the project level; they cannot be amended by lower levels of the resource hierarchy.
 - ☐ IAM policies that are implemented higher in the resource hierarchy deny access that is granted by lower-level policies.
 - ✓ ☒ IAM policies that are implemented by lower-level policies can override the policies defined at a higher level.

Correct!

- ✓ 6. Your company has two Google Cloud projects and you want them to share policies. What is the least error-prone way to set this up?



IAM policies that are implemented by lower-level policies can override the policies defined at a higher level.

Correct!



6. Your company has two Google Cloud projects and you want them to share policies. What is the least error-prone way to set this up?



Define the new shared policy in the organization node.



Create shared resource policies on the common resources that are used in both projects.



Duplicate all the policies from one project onto the other.



Place both projects into a folder, and define the policies on that folder.

That's correct!



7. Which way of accessing Google Cloud lets you control services through the code you write?



folder.

That's correct!

✓ 7. Which way of accessing Google Cloud lets you control services through the code you write?

☐ The Cloud Console mobile app

✓ ☒ APIs

☐ The Cloud Console

☐ The Cloud SDK and Cloud Shell

Correct!

✓ 8. When would you choose to have an organization node? (Select two)

☐ There's no choice; organization nodes are mandatory.



☐ The Cloud SDK and Cloud Shell

Correct!

✓ 8. When would you choose to have an organization node? (Select two)

☐ There's no choice; organization nodes are mandatory.

✓ When you want to centrally apply organization-wide policies

Correct! Organization nodes let you apply policies centrally.

✓ When you want to create folders

Correct! Folders require an organization node

☐ When you want to organize resources into projects