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EXAM ASSOCIATE CLOUD ENGINEER TOPIC 1 QUESTION 28 DISCUSSION

Actual exam question from Google's Associate Cloud Engineer

Question #: 28

Topic #: 1

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You are the project owner of a GCP project and want to delegate control to colleagues to manage buckets and files in Cloud Storage. You want to follow Google- recommended practices. Which IAM roles should you grant your colleagues?

- A. Project Editor
- B. Storage Admin
- C. Storage Object Admin
- D. Storage Object Creator

Show Suggested Answer

by [Agents89](#) at April 15, 2020, 10:03 p.m.

Comments

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[ESP_SAP](#) [Highly Voted](#) 4 years, 2 months ago

Correct Answer is (B):

Storage Admin (roles/storage.admin) Grants full control of buckets and objects.

When applied to an individual bucket, control applies only to the specified bucket and objects within the bucket.

firebase.projects.get
resourceManager.projects.get
resourceManager.projects.list
storage.buckets.*
storage.objects.*

👍 ↩ 🚩 upvoted 53 times

🗄 👤 **iambatmanadarkknight** 3 years ago

why not storage object admin?

👍 ↩ 🚩 upvoted 3 times

🗄 👤 **TenshiD** 2 years, 11 months ago

Because the object admin don't have control over buckets and you need it

👍 ↩ 🚩 upvoted 25 times

🗄 👤 **Raz0r** 2 years, 9 months ago

Exactly, you want to give someone right to edit storages not just objects. Google does this kind of answers to confuse us.

👍 ↩ 🚩 upvoted 5 times

🗄 👤 **dang1986** 2 years, 8 months ago

Question states "Buckets and Objects"

👍 ↩ 🚩 upvoted 3 times

🗄 👤 **Agents89** Highly Voted 4 years, 6 months ago

B is correct

👍 ↩ 🚩 upvoted 14 times

🗄 👤 **YourCloudGuru** Most Recent 1 year ago

Selected Answer: B

The correct answer is B

This role allows users to create, manage, and delete buckets and files in Cloud Storage. It also allows users to set permissions on buckets and files.

The other options are not as good:

A gives users too much power, as it allows them to manage all resources in a project, including Cloud Storage buckets and files

C gives users too much power, as it allows them to manage all objects in a bucket, including the permissions on those objects

D does not give users enough power, as it does not allow them to manage buckets or set permissions on buckets and objects

Steps to grant Storage Admin IAM role:

- 1 Go to the Google Cloud Console
- 2 Click on the IAM & Admin menu
- 3 Click on the Roles tab
- 4 Click on the Storage Admin role
- 5 Click on the Add members button
- 6 Type the email addresses of your colleagues in the Members field
- 7 Click on the Add button

👍 ↩ 🚩 upvoted 6 times

🗄 👤 **Captain1212** 1 year, 1 month ago

B is more correct, as it give you the both access

👍 ↩ 🚩 upvoted 1 times

🗄 👤 **[Removed]** 1 year, 1 month ago

Selected Answer: B

B is correct

👍 ↩ 🚩 upvoted 1 times

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

B.

Storage Admin (roles/storage.admin) - Grants full control of buckets and objects.

<https://cloud.google.com/storage/docs/access-control/iam-roles>

   upvoted 1 times

  **Partha117** 1 year, 7 months ago

Selected Answer: B

Correct option B

   upvoted 1 times

  **Buruguduystunstugudunstuy** 1 year, 8 months ago



Selected Answer: B

Answer B, "Storage Admin," is the correct answer because it grants permissions to manage Cloud Storage resources at the project level, including creating and deleting buckets, changing bucket settings, and assigning permissions to buckets and their contents. This role also includes the permissions of the "Storage Object Admin" and "Storage Object Creator" roles, which allow managing objects and uploading new ones.

Answer A, "Project Editor," is a higher-level role that includes permissions to manage not only Cloud Storage but also other GCP services in the project. Granting this role may not be appropriate if the colleagues only need to manage Cloud Storage resources.

Answers C and D may not be sufficient if the colleagues need to create or delete buckets or change their settings.

   upvoted 4 times

  **kkozlow2** 1 year, 10 months ago

Selected Answer: B

Storage Admin (roles/storage.admin)

Grants full control of buckets and objects.

When applied to an individual bucket, control applies only to the specified bucket and objects within the bucket.

While

Storage Object Admin (roles/storage.objectAdmin)

Grants full control over objects, including listing, creating, viewing, and deleting objects.

   upvoted 2 times

  **leogor** 1 year, 12 months ago

B. Storage Admin

   upvoted 1 times

  **[Removed]** 2 years ago

Selected Answer: B

According to the question, your colleagues need to manage "buckets" in Cloud Storage(storage.objects.* permission), so (B) is correct.

(C) doesn't have control over the buckets.


Cloud document:

<https://cloud.google.com/storage/docs/access-control/iam-roles#standard-roles>

--->Storage Object Admin (Cannot find "storage.buckets.*" Permission)

---->Storage Admin (Has "storage.buckets.*" Permission)

   upvoted 1 times

  **leogor** 2 years, 1 month ago

Selected Answer: B

the ans is definitively B

   upvoted 1 times

  **sandipk91** 2 years, 1 month ago

Selected Answer: B

Storage Admin option A - As we are supposed to create buckets as well

   upvoted 1 times

  **RanjithK** 2 years, 3 months ago

Answer is B

   upvoted 1 times

  **AzureDP900** 2 years, 4 months ago



Storage Admin is right.. B is correct

   upvoted 1 times

  **haroldbenites** 2 years, 5 months ago

Go for B

   upvoted 1 times

  **haroldbenites** 2 years, 5 months ago
<https://cloud.google.com/storage/docs/access-control/iam-roles>

   upvoted 1 times

  **gielda211** 2 years, 6 months ago

Selected Answer: B

<https://cloud.google.com/storage/docs/access-control/iam-roles>

   upvoted 3 times

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