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Exam Professional Cloud Security Engineer All Questions
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📄 **EXAM PROFESSIONAL CLOUD SECURITY ENGINEER TOPIC 1 QUESTION 32 DISCUSSION**

Actual exam question from Google's Professional Cloud Security Engineer
Question #: 32
Topic #: 1
[All Professional Cloud Security Engineer Questions]

You are creating an internal App Engine application that needs to access a user's Google Drive on the user's behalf. Your company does not want to rely on the current user's credentials. It also wants to follow Google-recommended practices.
What should you do?

    A. Create a new Service account, and give all application users the role of Service Account User.

    B. Create a new Service account, and add all application users to a Google Group. Give this group the role of Service Account User.

    C. Use a dedicated G Suite Admin account, and authenticate the application's operations with these G Suite credentials.

    D. Create a new service account, and grant it G Suite domain-wide delegation. Have the application use it to impersonate the user.

Show Suggested Answer

by 👤 mozammil89 at *March 19, 2020, 8:45 p.m.*

Comments

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⊟ 👤 **mozammil89** `Highly Voted 👍` **4 years, 10 months ago**

I think the correct answer is D

https://developers.google.com/admin-sdk/directory/v1/guides/delegation

👍 ↩ ⚑ upvoted 16 times

⊟ 👤 **eeghai7thioyaiR4** `Most Recent ⊘` **9 months ago**

A and B are wrong
Service Account User is use to grant someone the ability to impersonate a service account (ref:
https://cloud.google.com/iam/docs/understanding-roles)

So with those solution, the user could do some actions as the newly created service account
We want the opposite: the service account need to do some actions as some user
=> D is the only working solution

👍 ↩ ⚑ upvoted 1 times

⊟ 👤 **chagchoug** **11 months, 2 weeks ago**

`Selected Answer: D`

Option A is false because it does not address the requirement of accessing a user's Google Drive on their behalf without
relying on the user's credentials. Instead, option D, which involves granting domain-wide delegation to a service account for
impersonation, is the recommended approach for this scenario.

👍 ↩ ⚑ upvoted 1 times

⊟ 👤 **Olen93** **1 year, 11 months ago**

I'm not sure if D is the correct answer. The question specifically states that they want to follow Google-recommended
practices and https://cloud.google.com/iam/docs/best-practices-service-accounts#domain-wide-delegation states to avoid
domain-wide delegation. I do agree that D is the only way a service account can impersonate the user though

👍 ↩ ⚑ upvoted 1 times

⊟ 👤 **Meyucho** **2 years, 2 months ago**

`Selected Answer: D`

A (Wrong) The access will be with the SA not the user's account.
B (Wrong) Same as A.
C. (Wrong) In this case the access is with the admins account, not user's.
D. (CORRECT!) It's the only answer that really impersonate the user.

👍 ↩ ⚑ upvoted 3 times

⊟ 👤 **AzureDP900** **2 years, 2 months ago**

D. Create a new service account, and grant it G Suite domain-wide delegation. Have the application use it to impersonate the
user.

👍 ↩ ⚑ upvoted 1 times

⊟ 👤 **AwesomeGCP** **2 years, 3 months ago**

`Selected Answer: D`

correct answer is D
https://developers.google.com/admin-sdk/directory/v1/guides/delegation

👍 ↩ ⚑ upvoted 2 times

⊟ 👤 **Medofree** **2 years, 9 months ago**

`Selected Answer: D`

Clearly D is the right answer

👍 ↩ ⚑ upvoted 2 times

⊟ 👤 **Rhehehe** **3 years, 1 month ago**

They are asking for google recommended practice. Does D says that?

👍 ↩ ⚑ upvoted 1 times

⊟ 👤 **CHECK666** **4 years, 4 months ago**

D is the answer.

👍 ↩ ⚑ upvoted 1 times

⊟ 👤 **ArizonaClassics** **4 years, 5 months ago**

D is the best choice

👍 ↩ ⚑ upvoted 1 times

⊟ 👤 **MarkDillon1075** **4 years, 6 months ago**

I agree D

👍 ↩ ⚑ upvoted 1 times

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