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Google Discussions



## Exam Associate Cloud Engineer All Questions

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### EXAM ASSOCIATE CLOUD ENGINEER TOPIC 1 QUESTION 223 DISCUSSION

Actual exam question from Google's Associate Cloud Engineer

Question #: 223

Topic #: 1

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Your company is using Google Workspace to manage employee accounts. Anticipated growth will increase the number of personnel from 100 employees to 1,000 employees within 2 years. Most employees will need access to your company's Google Cloud account. The systems and processes will need to support 10x growth without performance degradation, unnecessary complexity, or security issues. What should you do?

- A. Migrate the users to Active Directory. Connect the Human Resources system to Active Directory. Turn on Google Cloud Directory Sync (GCDS) for Cloud Identity. Turn on Identity Federation from Cloud Identity to Active Directory.
- B. Organize the users in Cloud Identity into groups. Enforce multi-factor authentication in Cloud Identity.
- C. Turn on identity federation between Cloud Identity and Google Workspace. Enforce multi-factor authentication for domain wide delegation.
- D. Use a third-party identity provider service through federation. Synchronize the users from Google Workplace to the third-party provider in real time.

[Show Suggested Answer](#)

by gpais at Aug. 2, 2023, 2:13 p.m.

## Comments

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OverK0alafied **Highly Voted** 11 months, 2 weeks ago

**Selected Answer: B**

Why would you need to federate the identities for Cloud ID and Workspace accounts? It's the same thing! I have a dev gcp org doing exactly this...

upvoted 12 times

gpais **Highly Voted** 1 year, 2 months ago

**Selected Answer: C**

I think C is the best

upvoted 5 times

ccpmad **Most Recent** 5 months ago

**Selected Answer: B**

Google Cloud Identity is Google's identity provider (idP) that is used by both Workspace and Google Cloud. First, I thought it was C, but there is not identity federation between Cloud Identity and Workspace, because Cloud identity goes first and it is used by GCP, Workspace or other Google services. Moreover, By default, Cloud Identity Free includes 50 free licenses

upvoted 1 times

sukouto 7 months, 2 weeks ago

**Selected Answer: B**

According to the following article, Google Workspace already allows access to Google Cloud platform, so there should be no need for "identity federation between Cloud Identity and Google Workspace" (which I cannot find documentation about). C is out.

<https://cloud.google.com/iam/docs/user-identities>

A and D are out because Google is not going to suggest you use some other identity provider, lol

upvoted 3 times

PiperMe 7 months, 3 weeks ago

**Selected Answer: C**

I see everyone is split here, but I like C best. Option C provides a streamlined and secure way to accommodate growth within the Google ecosystem. It prioritizes both ease of management and security.

You already use Workspace for user management... Adding Active Directory adds complexity and is unnecessary; A is out. While improving security and organization, it doesn't directly solve the issue of seamless access to GCP resources or address user management as you scale; B is out.... While some scenarios might justify it, you're already using Google Workspace for identity. This option adds complexity, cost, and an extra system to manage; D is out....

upvoted 1 times

leoalvarezh 8 months ago

**Selected Answer: C**

I think B helps to manage but the answer in this scenario is C due to allows for seamless integration between user accounts in both services

upvoted 1 times

blackBeard33 8 months, 1 week ago

**Selected Answer: B**

I choose B.

upvoted 1 times

KelvinToo 9 months, 3 weeks ago

**Selected Answer: A**

Per ChatGPT,

Option A is the most suitable choice as it leverages the scalability and centralization capabilities of Active Directory, integrates with existing systems, and ensures seamless user management and authentication across Google Workspace and Google Cloud, aligning with the requirements for anticipated growth without introducing unnecessary complexity or security issues.

upvoted 1 times

PiperMe 7 months, 3 weeks ago

Please stop using ChatGPT. Active Directory is Azure. This adds significant overhead in setup and management of a

...the step using ChatGPT. Active Directory is better. This adds significant overhead in setup and management of a new directory system. Integrating it with both Workspace and Google Cloud increases complexity.

3 upvoted 2 times

carlalap 10 months, 3 weeks ago

Answer is A. It is talking about long term.

This option can support 10x growth without performance degradation, unnecessary complexity, or security issues, as it leverages the scalability, reliability, and security of Active Directory and Cloud Identity.

3 upvoted 1 times

taylz876 1 year ago

**Selected Answer: C**

• Option C involves setting up a connection between Cloud Identity (which is used for Google Workspace) and Google Cloud. This connection simplifies managing user accounts for Google Cloud services.

• It enforces an extra layer of security by requiring multi-factor authentication, which is essential for protecting user accounts and data.

• This solution aligns with your company's growth plans, as it accommodates an increase in users from 100 to 1,000 without adding unnecessary complexity or performance issues.

So, by selecting option C, you're ensuring a scalable, secure, and straightforward way to manage user access as your company expands.

3 upvoted 2 times

Vovtchick 11 months, 2 weeks ago

ChatGPT is not always right, you know :)

3 upvoted 6 times

vaibhavCodian 11 months ago

What would you choose, Sir ?

3 upvoted 1 times

Ben\_oso 1 year ago

**Selected Answer: A**

I think its A

3 upvoted 3 times

Gregwaw 1 year, 1 month ago

**Selected Answer: B**

There is nothing like "identity federation between Cloud Identity and Google Workspace". You can only add Cloud Identity Free to your existing account.

You can manage users using Cloud Identity without adding all of them to Google Workspace.

Groups will help to manage the increased number of users.

Therefore B answer is correct.

3 upvoted 3 times

panihe 11 months ago

<https://cloud.google.com/workforce-identity-federation?hl=en>

3 upvoted 1 times

Captain1212 1 year, 1 month ago

**Selected Answer: C**

c is right

3 upvoted 1 times

NoCrapEva 1 year, 1 month ago

**Selected Answer: C**

(a) If you already administer a Google Workspace account and want to enable more users to use Google Cloud, you might not want to assign all users a Google Workspace license. In this case, add Cloud Identity Free to your existing account. You can then onboard more users without additional charge and decide which users should have access to Google Workspace by assigning them a Google Workspace license..

(b) To let your users collaborate by using Google Workspace, and to minimize administrative overhead, it's best to manage all users through a single Cloud Identity or Google Workspace account and provide a single user account to each individual. This approach helps ensure that settings such as password policies, single sign-on, and two-step verification are consistently applied to all users.

ref: <https://cloud.google.com/architecture/identity/best-practices-for-planning>

3 upvoted 2 times

Shivamwalia 1 year, 1 month ago

Why not A?

3 upvoted 1 times

? ? rahulrauki 1 year ago

They need reduced complexity, while this works, we skip one step (active directory) by linking cloud identity with workspace

? ? ? upvoted 1 times

? ? [Removed] 1 year, 2 months ago

**Selected Answer: B**

<https://cloud.google.com/architecture/identity/best-practices-for-planning>

? ? ? upvoted 2 times

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