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## Exam Professional Cloud Security Engineer All Questions

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### 📄 EXAM PROFESSIONAL CLOUD SECURITY ENGINEER TOPIC 1 QUESTION 69 DISCUSSION

Actual exam question from Google's Professional Cloud Security Engineer

Question #: 69

Topic #: 1

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An organization is evaluating the use of Google Cloud Platform (GCP) for certain IT workloads. A well-established directory service is used to manage user identities and lifecycle management. This directory service must continue for the organization to use as the `source of truth` directory for identities.

Which solution meets the organization's requirements?

- A. Google Cloud Directory Sync (GCDS)
- B. Cloud Identity
- C. Security Assertion Markup Language (SAML)
- D. Pub/Sub

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by [bogdant](#) at *Sept. 1, 2020, 6:09 a.m.*

### Comments

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🗨️ [desertlotus1211](#) [Highly Voted](#) 👍 3 years, 4 months ago

The answer is A:

With Google Cloud Directory Sync (GCDS), you can synchronize the data in your Google Account with your Microsoft Active Directory or LDAP server. GCDS doesn't migrate any content (such as email messages, calendar events, or files) to your Google Account. You use GCDS to synchronize your Google users, groups, and shared contacts to match the information in your LDAP server.




The questions says the well established directory service is the 'source of truth' not GCP... So LDAP or AD is the source... GCDS will sync that to match those, not replace them...

   upvoted 17 times

  **AzureDP900** 1 year, 8 months ago



Agreed

   upvoted 2 times

  **subhala** Highly Voted  3 years, 8 months ago

GCDS -? It helps sync up from the source of truth (any Idp like ldap, AD) to Google identity. In this scenario, the question is what can be a good identity service by itself, hence B is the right answer.

   upvoted 12 times

  **desertlotus1211** 11 months ago

The question implies the company has a directory as the source of truth and want to maintain that in GCP... GCDS will make sure that occurs too Cloud Identity. It's not asking for a replacement of LDAP/AD.


   upvoted 2 times

  **ArizonaClassics** Most Recent  10 months, 2 weeks ago

Google Cloud Directory Sync (GCDS): GCDS is a tool used to synchronize your Google Workspace user data with your Microsoft Active Directory or other LDAP servers. This would ensure that Google Workspace has the same user data as your existing directory, but it doesn't act as an identity provider (IDP).  
BUT

C. Security Assertion Markup Language (SAML): SAML is an open standard for exchanging authentication and authorization data between an identity provider (your organization's existing directory service) and a service provider (like GCP). With SAML, GCP can rely on your existing directory service for authentication, and your existing directory remains the "source of truth."

   upvoted 2 times

  **PST21** 1 year, 7 months ago

Orgn is evaluating GC so cloud Identity is the GC product hence B

   upvoted 1 times

  **AwesomeGCP** 1 year, 9 months ago

Selected Answer: A

A. Google Cloud Directory Sync (GCDS)

   upvoted 4 times

  **cloudprincipal** 2 years, 1 month ago

Selected Answer: A

With Google Cloud Directory Sync (GCDS), you can synchronize the data in your Google Account with your Microsoft Active Directory or LDAP server. GCDS doesn't migrate any content (such as email messages, calendar events, or files) to your Google Account. You use GCDS to synchronize your Google users, groups, and shared contacts to match the information in your LDAP server.

<https://support.google.com/a/answer/106368?hl=en>

   upvoted 3 times

  **szl0144** 2 years, 2 months ago

B should be the answer, GCDS is for ad sync.

   upvoted 2 times

  **MariaGabiGabriela** 2 years, 1 month ago


Yes, but identity by itself will solve nothing, the user would have to recreate all users and thus have a different IDP, this clearly goes against the question

   upvoted 2 times

  **Bill831231** 2 years, 7 months ago

seems there is nothing mentioned about what they have on premise, so B is better

   upvoted 1 times

  **syllox** 3 years, 2 months ago

Answer A

   upvoted 3 times

🗄️ 👤 **WakandaF** 3 years, 3 months ago

A or B?

👍 ↩️ 🚩 upvoted 2 times

🗄️ 👤 **DebasishLowes** 3 years, 4 months ago

Ans : B as per the question.

👍 ↩️ 🚩 upvoted 1 times

🗄️ 👤 **asee** 3 years, 5 months ago

My Answer will go for A (GCDS), noticed the question is mentioning about "A directory service 'is used' " / "must continue" instead of "A directory service 'will be used' ". So here my understanding is the organization has already using their own directory service. Therefore Answer B - Cloud identity may not be an option.

👍 ↩️ 🚩 upvoted 4 times

🗄️ 👤 **KWatHK** 3 years, 6 months ago

Ans is B because the questions said "the well-established directory must continue for the organization to use as the source of truth" so that the user access to GCP must authenticated by the existing directory. Cloud Identity support to federate it to 3rd party/ADFS using SAML.

👍 ↩️ 🚩 upvoted 1 times

🗄️ 👤 **mikelabs** 3 years, 8 months ago

GCDS is an app to sync users, groups and other features from AD to Cloud Identity. But, in this question, the customer needs to know what's the product on GCP that meet with this. So, I think the answer is B.

👍 ↩️ 🚩 upvoted 8 times

🗄️ 👤 **ownez** 3 years, 10 months ago

GCDS is a part of CI's feature that synchronizes the data in Google domain to match with AD/LDAP server. This includes users, groups contacts etc are synchronized/migrated to match.

Hence, I would go B.

"<https://se-cloud-experts.com/wp/wp-content/themes/se-it/images/pdf/google-cloud-identity-services.pdf>"

👍 ↩️ 🚩 upvoted 3 times

🗄️ 👤 **ownez** 3 years, 10 months ago

Sorry. It's A.

👍 ↩️ 🚩 upvoted 2 times

🗄️ 👤 **bogdant** 3 years, 11 months ago

Isn't it A?

👍 ↩️ 🚩 upvoted 2 times

🗄️ 👤 **MohitA** 3 years, 11 months ago

Agree A

👍 ↩️ 🚩 upvoted 4 times

🗄️ 👤 **Sheeda** 3 years, 11 months ago

That is used to sync, not the directly itself

👍 ↩️ 🚩 upvoted 1 times

🗄️ 👤 **Fellipo** 3 years, 8 months ago

A well-established directory service , so "A"

👍 ↩️ 🚩 upvoted 2 times



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