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Exam Professional Cloud Security Engineer All Questions

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📄 EXAM PROFESSIONAL CLOUD SECURITY ENGINEER TOPIC 1 QUESTION 105 DISCUSSION

Actual exam question from Google's Professional Cloud Security Engineer

Question #: 105

Topic #: 1

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You want to use the gcloud command-line tool to authenticate using a third-party single sign-on (SSO) SAML identity provider. Which options are necessary to ensure that authentication is supported by the third-party identity provider (IdP)? (Choose two.)

- A. SSO SAML as a third-party IdP
- B. Identity Platform
- C. OpenID Connect
- D. Identity-Aware Proxy
- E. Cloud Identity

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by [vpolo](#) at May 18, 2022, 10:44 a.m.

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👤 [ExamQnA](#) [Highly Voted](#) 3 years, 2 months ago

[Selected Answer: AE](#)


Third-party identity providers

If you have a third-party IdP, you can still configure SSO for third-party apps in the Cloud Identity catalog. User authentication occurs in the third-party IdP, and Cloud Identity manages the cloud apps.

To use Cloud Identity for SSO, your users need Cloud Identity accounts. They sign in through your third-party IdP or using a password on their Cloud Identity accounts.

<https://cloud.google.com/identity/solutions/enable-ssso>

   upvoted 23 times

  **AzureDP900** 2 years, 8 months ago

A, E is right

   upvoted 5 times

  **piyush_1982** Highly Voted 3 years ago

Selected Answer: AC

I think the correct answer is A and C.

The questions asks about what is required with third-party IdP to authenticate the gcloud commands.

So the gcloud command requests goes to GCP. Since GCP is integrated with Third-party IdP for authentication gcloud command needs to be authenticated with third-party IdP.

This can be achieved if ThridPaty IdP supports SAML and OIDC protocols .

   upvoted 16 times

  **YourFriendlyNeighborhoodSpider** Most Recent 4 months, 2 weeks ago

Selected Answer: AE

A. SSO SAML as a third-party IdP

This option confirms that you are using SSO with SAML for authentication via the third-party identity provider, which is essential for enabling SSO capabilities through gcloud.

E. Cloud Identity

Cloud Identity is Google Cloud's identity-as-a-service offering, which enables organizations to manage users and their access to Google Cloud resources. It supports integration with third-party SAML IdPs, allowing authentication through SSO.

   upvoted 1 times

  **Mr_MIXER007** 11 months ago

Selected Answer: AE

Selected Answer: AE

   upvoted 1 times

  **3d9563b** 1 year ago

Selected Answer: AE

SSO SAML as a third-party IdP: This option ensures that the authentication mechanism used is SAML, which is required for third-party IdP integration.

Cloud Identity: This provides the underlying infrastructure to integrate and manage identities with third-party SAML IdPs, enabling SSO authentication.

   upvoted 1 times

  **dija123** 1 year, 4 months ago

Selected Answer: CE

C. OpenID Connect

E. Cloud Identity



A. SSO SAML as a third-party IdP: While it accurately describes the desired authentication but It represents the outcome we want to achieve, not the solution itself.

   upvoted 2 times

  **oezgan** 1 year, 4 months ago

Gemini says: While SAML is a common protocol for SSO, it's not directly usable by gcloud for authentication. So it cant be A.

   upvoted 2 times

  **mjcts** 1 year, 5 months ago

Selected Answer: AE

OpenID is a different SSO protocol. We need SAML.



   upvoted 2 times

  **Andras2k** 1 year, 6 months ago

Selected Answer: AE

It specifically requires the SAML protocol. OpenID is another SSO protocol.

   upvoted 2 times

  **ymkk** 1 year, 11 months ago

Selected Answer: AE

Options B, C, and D are not directly related to setting up authentication using a third-party SSO SAML identity provider. Identity Platform (option B) is a service for authentication and user management, OpenID Connect (option C) is another authentication protocol, and Identity-Aware Proxy (option D) is a service for managing access to Google Cloud resources but is not specifically related to SSO SAML authentication with a third-party IdP.

   upvoted 2 times

  **pfilourenco** 1 year, 11 months ago

Selected Answer: AE

AE is the correct

   upvoted 2 times

  **[Removed]** 2 years ago

Selected Answer: AE

"A,E"

The requirement is for an SSO - SAML solution with a third party IDP.

A- This is correct because it provides the right type of 3rd party partners.

B - Not sufficient because not any IDP will suffice. Must be able to support SAML and SSO.

C- OIDC is an option by not critical or a hard requirement. The questions asks about what is "...necessary..".

D- IAP is not related to authentication mechanism but rather authorization. This is not the use case for it.

E- This is needed on the receiving end in GCP to collaborate with 3rd party IDP (that has SAML SSO)

<https://cloud.google.com/identity/solutions/enable-ssso>

   upvoted 2 times

  **keymson** 2 years, 3 months ago

OpenID Connect has to be there. so A and C

   upvoted 1 times

  **testgcptestgcp** 2 years, 2 months ago

Cloud Identity does not have to be there? Why?

   upvoted 2 times

  **alleinallein** 2 years, 3 months ago

Selected Answer: AC

Open ID seems to be necessary

   upvoted 3 times

  **bruh_1** 2 years, 3 months ago

A. SSO SAML as a third-party IdP: This option is necessary because it specifies that you want to use SAML-based SSO with a third-party IdP.

C. OpenID Connect: This option is necessary to ensure that the third-party IdP supports OpenID Connect, which is a protocol for authentication and authorization.

Therefore, the correct options are A and C.

   upvoted 3 times




  **TNT87** 2 years, 4 months ago

Selected Answer: AC

<https://cloud.google.com/certificate-authority-service/docs/tutorials/using-3pi-with-reflection#set-up-wip>

<https://cloud.google.com/identity/solutions/enable-ssso#solutions>

Nothing supports E to satisfy the requirements othe question

   upvoted 2 times

  **Sammydp202020** 2 years, 5 months ago

Selected Answer: AE

AE

<https://cloud.google.com/identity/solutions/enable-ssso>

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   upvoted 2 times

  **Littleivy** 2 years, 8 months ago

Selected Answer: AC

answer is A and C.

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