

 Google Discussions

Exam Professional Cloud Security Engineer All Questions

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EXAM PROFESSIONAL CLOUD SECURITY ENGINEER TOPIC 1 QUESTION 213 DISCUSSION

Actual exam question from Google's Professional Cloud Security Engineer

Question #: 213

Topic #: 1

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Your organization is using GitHub Actions as a continuous integration and delivery (CI/CD) platform. You must enable access to Google Cloud resources from the CI/CD pipelines in the most secure way.

What should you do?

- A. Create a service account key, and add it to the GitHub pipeline configuration file.
- B. Create a service account key, and add it to the GitHub repository content.
- C. Configure a Google Kubernetes Engine cluster that uses Workload Identity to supply credentials to GitHub.
- D. Configure workload identity federation to use GitHub as an identity pool provider.

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by  [pfilourenco](#) at Aug. 4, 2023, 11 a.m.

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 [Pime13](#) 7 months, 3 weeks ago

Selected Answer: D

<https://cloud.google.com/blog/products/identity-security/enabling-keyless-authentication-from-github-actions>

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📄 👤 **ArizonaClassics** 11 months ago

The most secure way to enable access to Google Cloud resources from CI/CD pipelines using GitHub Actions is:

D. Configure workload identity federation to use GitHub as an identity pool provider.

Workload Identity Federation allows you to configure Google Cloud to trust external identity providers. In this case, GitHub Actions can be set up as an identity pool provider, so you can federate identities between GitHub and Google Cloud. This eliminates the need to create and manage service account keys, which is generally considered less secure and requires more operational overhead like key rotation. With workload identity federation, the process is more secure and streamlined.

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📄 👤 **cyberpunk21** 11 months, 1 week ago

Selected Answer: D

D is correct

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📄 👤 **Mithung30** 11 months, 3 weeks ago

Selected Answer: D

D is correct. <https://cloud.google.com/blog/products/identity-security/enabling-keyless-authentication-from-github-actions>

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📄 👤 **pfilourenco** 11 months, 4 weeks ago

Selected Answer: D

D is the correct.

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