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Exam Professional Cloud Security Engineer All Questions

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📄 EXAM PROFESSIONAL CLOUD SECURITY ENGINEER TOPIC 1 QUESTION 146 DISCUSSION

Actual exam question from Google's Professional Cloud Security Engineer

Question #: 146

Topic #: 1

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Your security team wants to reduce the risk of user-managed keys being mismanaged and compromised. To achieve this, you need to prevent developers from creating user-managed service account keys for projects in their organization. How should you enforce this?

- A. Configure Secret Manager to manage service account keys.
- B. Enable an organization policy to disable service accounts from being created.
- C. Enable an organization policy to prevent service account keys from being created.
- D. Remove the iam.serviceAccounts.getAccessToken permission from users.

[Show Suggested Answer](#)

by [Baburao](#) at *Sept. 3, 2022, 5 p.m.*

Comments

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🗨️ [AwesomeGCP](#) 1 year, 9 months ago

Selected Answer: C

C. Enable an organization policy to prevent service account keys from being created.

👍 ↩ 🚩 upvoted 3 times

🗄️ 👤 **Random_Mane** 1 year, 10 months ago

Selected Answer: C

C. <https://cloud.google.com/iam/docs/best-practices-for-managing-service-account-keys>

"To prevent unnecessary usage of service account keys, use organization policy constraints:

At the root of your organization's resource hierarchy, apply the Disable service account key creation and Disable service account key upload constraints to establish a default where service account keys are disallowed.

When needed, override one of the constraints for selected projects to re-enable service account key creation or upload."

👍 ↩ 🚩 upvoted 4 times

🗄️ 👤 **AzureDP900** 1 year, 8 months ago

Yes, You are right

Enable an organization policy to prevent service account keys from being created.

👍 ↩ 🚩 upvoted 1 times

🗄️ 👤 **desertlotus1211** 10 months, 3 weeks ago

Your answer represents Answer B: to Disable service account key creation

👍 ↩ 🚩 upvoted 1 times

🗄️ 👤 **desertlotus1211** 10 months, 3 weeks ago

Sorry it says service account NOT SA keys...

Answer C

👍 ↩ 🚩 upvoted 2 times

🗄️ 👤 **Baburao** 1 year, 10 months ago

C seems to be a correct option but there must be an exclusion for CI/CD pipelines or SuperAdmins/OrgAdmins. Otherwise, nobody will be able to create ServiceAccount Keys.

👍 ↩ 🚩 upvoted 4 times



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