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Exam Professional Cloud Security Engineer All Questions

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EXAM PROFESSIONAL CLOUD SECURITY ENGINEER TOPIC 1 QUESTION 99 DISCUSSION

Actual exam question from Google's Professional Cloud Security Engineer

Question #: 99

Topic #: 1

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You are asked to recommend a solution to store and retrieve sensitive configuration data from an application that runs on Compute Engine. Which option should you recommend?


- A. Cloud Key Management Service
- B. Compute Engine guest attributes
- C. Compute Engine custom metadata
- D. Secret Manager

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by  [Tabayashi](#) at April 29, 2022, 2:58 a.m.

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 [Tabayashi](#) [Highly Voted](#) 3 years, 3 months ago

Answer is (D).

Secret Manager is a secure and convenient storage system for API keys, passwords, certificates, and other sensitive data.

Secret Manager provides a central place and single source of truth to manage, access, and audit secrets across Google Cloud.

<https://cloud.google.com/secret-manager>

👍 🔄 🚩 upvoted 13 times

🗄️ 👤 **cloudprincipal** Highly Voted 3 years, 1 month ago

Selected Answer: D

You need a secrets management solution

<https://cloud.google.com/secret-manager>

👍 🔄 🚩 upvoted 5 times

🗄️ 👤 **cloudprincipal** 3 years, 1 month ago

Sorry, this should be C

👍 🔄 🚩 upvoted 1 times

🗄️ 👤 **badrik** 3 years, 1 month ago

sensitive information can never be stored/retrieved through custom meta data !

👍 🔄 🚩 upvoted 4 times

🗄️ 👤 **BPzen** Most Recent 8 months ago

Selected Answer: D

Explanation:

Secret Manager is the recommended solution for storing and retrieving sensitive configuration data in Google Cloud. It is purpose-built for managing sensitive information like API keys, passwords, and other secrets securely, with robust access control and encryption.

👍 🔄 🚩 upvoted 1 times

🗄️ 👤 **tia_gll** 1 year, 4 months ago

Selected Answer: D

ans is D

👍 🔄 🚩 upvoted 1 times

🗄️ 👤 **dija123** 1 year, 4 months ago

Selected Answer: D

Secret Manager

👍 🔄 🚩 upvoted 1 times

🗄️ 👤 **[Removed]** 2 years ago

Selected Answer: D

"D"

There's ambiguity in the question in terms of what type of configuration data we're talking about and how large. Even though the compute metadata server can hold sensitive values like ssh keys, there are limitations with respect to how much data you can put in there (reference A below). Secret manager also has a size limit on how much you can store. (reference B below). However, secret manager is explicitly said to be a good use case for Sensitive Configuration information (reference C below) which makes it the preferred answer.

References:

A- <https://cloud.google.com/compute/docs/metadata/setting-custom-metadata#limitations>

B- <https://cloud.google.com/secret-manager/quotas>

C- https://cloud.google.com/secret-manager/docs/overview#secret_manager

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🗄️ 👤 **AzureDP900** 2 years, 8 months ago

D is correct

👍 🔄 🚩 upvoted 2 times

🗄️ 👤 **AwesomeGCP** 2 years, 9 months ago

Selected Answer: D

D. Secret Manager

👍 🔄 🚩 upvoted 2 times



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