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Exam Professional Cloud Security Engineer All Questions

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EXAM PROFESSIONAL CLOUD SECURITY ENGINEER TOPIC 1 QUESTION 240 DISCUSSION

Actual exam question from Google's Professional Cloud Security Engineer

Question #: 240

Topic #: 1

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Your customer has an on-premises Public Key Infrastructure (PKI) with a certificate authority (CA). You need to issue certificates for many HTTP load balancer frontends. The on-premises PKI should be minimally affected due to many manual processes, and the solution needs to scale.

What should you do?

- A. Use Certificate Manager to issue Google managed public certificates and configure it at HTTP the load balancers in your infrastructure as code (IaC).
- B. Use a subordinate CA in the Google Certificate Authority Service from the on-premises PKI system to issue certificates for the load balancers.
- C. Use Certificate Manager to import certificates issued from on-premises PKI and for the frontends. Leverage the gcloud tool for importing.
- D. Use the web applications with PKCS12 certificates issued from subordinate CA based on OpenSSL on-premises. Use the gcloud tool for importing. Use the External TCP/UDP Network load balancer instead of an external HTTP Load Balancer.

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by [MisterHairy](#) at Nov. 21, 2023, 11:04 p.m.

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  **MisterHairy** Highly Voted  1 year, 8 months ago

Selected Answer: B

The correct answer is B. Use a subordinate CA in the Google Certificate Authority Service from the on-premises PKI system to issue certificates for the load balancers.

This approach allows you to leverage your existing on-premises PKI infrastructure while minimizing its impact and manual processes. By creating a subordinate CA in Google's Certificate Authority Service, you can automate the process of issuing certificates for your HTTP load balancer frontends. This solution scales well as the number of load balancers increases.

   upvoted 7 times

  **Mr_MIXER007** Most Recent  10 months, 3 weeks ago

Selected Answer: B

!!!!B. Use a subordinate CA in the Google Certificate Authority Service from the on-premises PKI system to issue certificates for the load balancers



   upvoted 2 times

  **Mr_MIXER007** 10 months, 3 weeks ago

Selected Answer: C

Use Certificate Manager to import certificates issued from on-premises PKI and for the frontends. Leverage the gcloud tool for importing



   upvoted 1 times

  **mjcts** 1 year, 5 months ago

Selected Answer: B

Use a subordinate CA in the Google Certificate Authority Service from the on-premises PKI system to issue certificates for the load balancers.

   upvoted 1 times

  **winston9** 1 year, 6 months ago

Selected Answer: C

importing existing certificates into Certificate Manager using the gcloud tool presents the most efficient and scalable solution with minimal impact on the customer's existing on-premises PKI system

   upvoted 1 times



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