G Google Discussions

Exam Professional Cloud Security Engineer All Questions

View all questions & answers for the Professional Cloud Security Engineer exam

Go to Exam

EXAM PROFESSIONAL CLOUD SECURITY ENGINEER TOPIC 1 QUESTION 294 DISCUSSION

Actual exam question from Google's Professional Cloud Security Engineer

Question #: 294

Topic #: 1

[All Professional Cloud Security Engineer Questions]

Your organization has an internet-facing application behind a load balancer. Your regulators require end-to-end encryption of user login credentials. You must implement this requirement. What should you do?

- A. Generate a symmetric key with Cloud KMS. Encrypt client-side user credentials by using the symmetric key.
- B. Concatenate the credential with a timestamp. Submit the timestamp and hashed value of credentials to the network.
- C. Deploy the TLS certificate at Google Cloud Global HTTPs Load Balancer, and submit the user credentials through HTTPs.
- D. Generate an asymmetric key with Cloud KMS. Encrypt client-side user credentials using the public key.

Show Suggested Answer

by 8 yokoyan at Sept. 6, 2024, 1:55 a.m.

Comments

Type your comment...

Submit



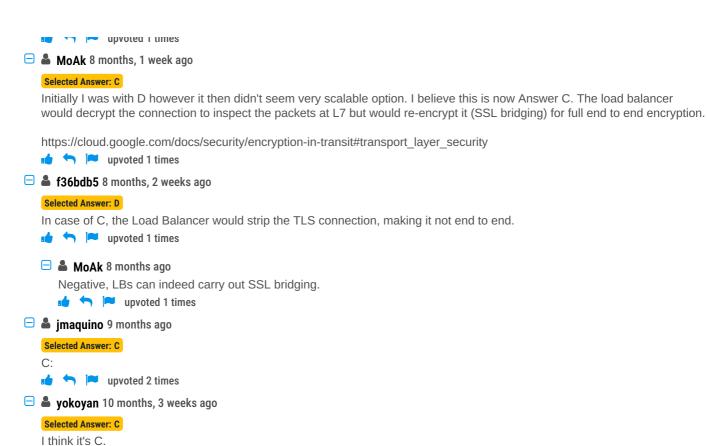
anhsieh 7 months, 2 weeks ago

Selected Answer: D

I take D. End-to-end encryption should overweight scalability as the question described as "require".







upvoted 4 times

