

🔗 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 50 DISCUSSION

Actual exam question from Google's Professional Cloud Security Engineer

Question #: 50

Topic #: 1

[\[All Professional Cloud Security Engineer Questions\]](#)

Your company has deployed an application on Compute Engine. The application is accessible by clients on port 587. You need to balance the load between the different instances running the application. The connection should be secured using TLS, and terminated by the Load Balancer.

What type of Load Balancing should you use?

- A. Network Load Balancing
- B. HTTP(S) Load Balancing
- C. TCP Proxy Load Balancing
- D. SSL Proxy Load Balancing

[Show Suggested Answer](#)

by [smart123](#) at July 11, 2020, 1:53 p.m.

### Comments

Type your comment...

[Submit](#)

🗨️ [smart123](#) [Highly Voted](#) 👍 4 years ago

Although both TCP Proxy LB and SSL Proxy LB support port 587 but only SSL Proxy LB support TLS. Hence 'D' is the right answer.

👍 ↩ 🚩 upvoted 19 times

🗄️ 👤 **umashankar\_a** Highly Voted 3 years ago

Answer D

<https://cloud.google.com/load-balancing/docs/ssl>

- SSL Proxy Load Balancing is a reverse proxy load balancer that distributes SSL traffic coming from the internet to virtual machine (VM) instances in your Google Cloud VPC network.

When using SSL Proxy Load Balancing for your SSL traffic, user SSL (TLS) connections are terminated at the load balancing layer, and then proxied to the closest available backend instances by using either SSL (recommended) or TCP.

👍 ↩ 🚩 upvoted 6 times

🗄️ 👤 **Ishu\_aws guy** Most Recent 1 year, 1 month ago

We can use an HTTPS load balancer and change the backend services port to 587 .|

HTTPS load balancer will also work

👍 ↩ 🚩 upvoted 2 times

🗄️ 👤 **Ishu\_aws guy** 1 year, 1 month ago

accessible by client on port 587 is the power word.

Agree with D

👍 ↩ 🚩 upvoted 1 times

🗄️ 👤 **AwesomeGCP** 1 year, 9 months ago

Selected Answer: D

Answer D. SSL Proxy Load Balancing

<https://cloud.google.com/load-balancing/docs/ssl>

👍 ↩ 🚩 upvoted 1 times

🗄️ 👤 **dtmtor** 3 years, 4 months ago

Answer: D

👍 ↩ 🚩 upvoted 1 times

🗄️ 👤 **DebasishLowes** 3 years, 5 months ago

Ans : D

👍 ↩ 🚩 upvoted 1 times

🗄️ 👤 **CHECK666** 3 years, 10 months ago

D is the answer. SSL Proxy LoadBalancer supports TLS.

👍 ↩ 🚩 upvoted 2 times

🗄️ 👤 **mlyu** 3 years, 11 months ago

Agreed with smart123. Ans is D

[https://cloud.google.com/load-balancing/docs/choosing-load-balancer#flow\\_chart](https://cloud.google.com/load-balancing/docs/choosing-load-balancer#flow_chart)

👍 ↩ 🚩 upvoted 3 times



## Platform

> Home

> Examtopics PRO

> All Exams

> Training Courses



