

[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 21 DISCUSSION

Actual exam question from Google's Professional Cloud Security Engineer

Question #: 21

Topic #: 1

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

In order to meet PCI DSS requirements, a customer wants to ensure that all outbound traffic is authorized.  
Which two cloud offerings meet this requirement without additional compensating controls? (Choose two.)


- A. App Engine
- B. Cloud Functions
- C. Compute Engine
- D. Google Kubernetes Engine
- E. Cloud Storage

[Show Suggested Answer](#)

by  **KILLMAD** at March 12, 2020, 11:05 a.m.



## Comments

[Submit](#)

 **KILLMAD** [Highly Voted](#) 5 years, 4 months ago  
Answer is CD

because the doc mentions the following: "App Engine ingress firewall rules are available, but egress rules are not currently available:" and "Compute Engine and GKE are the preferred alternatives."

   upvoted 18 times

  **rafaelc** 5 years, 4 months ago

It is CD.

App Engine ingress firewall rules are available, but egress rules are not currently available. Per requirements 1.2.1 and 1.3.4, you must ensure that all outbound traffic is authorized. SAQ A-EP and SAQ D-type merchants must provide compensating controls or use a different Google Cloud product. Compute Engine and GKE are the preferred alternatives.



<https://cloud.google.com/solutions/pci-dss-compliance-in-gcp>

   upvoted 7 times

  **BPzen** Most Recent 8 months, 2 weeks ago

**Selected Answer: AB**

PCI DSS (Payment Card Industry Data Security Standard) requires strict control over outbound traffic, meaning that only explicitly authorized traffic is allowed to leave the environment. Both App Engine and Cloud Functions are fully managed serverless platforms where Google handles the network configuration, including restrictions on outbound connections. Outbound traffic in these environments can be controlled without additional compensating controls because Google ensures compliance by managing the network restrictions and underlying infrastructure.



   upvoted 3 times

  **luamail78** 9 months, 2 weeks ago

**Selected Answer: AB**

While the older answers (CD) were correct based on previous limitations, App Engine now supports egress controls. This means you can configure rules to manage outbound traffic, making it suitable for meeting PCI DSS requirements without needing extra compensating controls.

   upvoted 1 times

  **Kiroo** 1 year, 3 months ago

**Selected Answer: AB**

Today this question does not have a specific answer it seems that compute engine and gke would need additional steps to setup and functions and app engine it's possible to just set egress so I would go with this pair

   upvoted 2 times

  **techdsmart** 1 year, 5 months ago

AB

With App Engine, you can ingress firewall rules and egress traffic controls .  
You can use Cloud Functions ingress and egress network settings.  
AB makes sense if we are talking about controlling ingress and egress traffic

   upvoted 3 times

  **rottzy** 1 year, 10 months ago

have a look at <https://cloud.google.com/security/compliance/pci-dss#:~:text=The%20scope%20of%20the%20PCI,products%20against%20the%20PCI%20DSS>.  
there are multiple answers!

   upvoted 1 times

  **GCBC** 1 year, 11 months ago

Ans is CD as per google docs - [https://cloud.google.com/architecture/pci-dss-compliance-in-gcp#securing\\_your\\_network](https://cloud.google.com/architecture/pci-dss-compliance-in-gcp#securing_your_network)

   upvoted 1 times

  **standm** 2 years, 2 months ago

CD - since both support Egress firewalls.

   upvoted 1 times

  **mahi9** 2 years, 5 months ago

**Selected Answer: CD**

The most viable options

   upvoted 1 times

  **civilizador** 2 years, 5 months ago

Answer is CD:

[https://cloud.google.com/architecture/pci-dss-compliance-in-gcp#securing\\_your\\_network](https://cloud.google.com/architecture/pci-dss-compliance-in-gcp#securing_your_network)

Securing your network

To secure inbound and outbound traffic to and from your payment-processing app network, you need to create the following:

Compute Engine firewall rules



Compute Engine network rules

A Compute Engine virtual private network (VPN) tunnel

A Compute Engine HTTPS load balancer

For creating your VPC, we recommend Cloud NAT for an additional layer of network security. There are many powerful options available to secure networks of both Compute Engine and GKE instances.

   upvoted 1 times

  **GCParchitect2022** 2 years, 7 months ago


**Selected Answer: AD**

Document updated. AD

"App Engine ingress firewall rules and egress traffic controls"

[https://cloud.google.com/architecture/pci-dss-compliance-in-gcp#product\\_guidance](https://cloud.google.com/architecture/pci-dss-compliance-in-gcp#product_guidance)

   upvoted 4 times

  **Brosh** 2 years, 7 months ago

hey. can anyone explain why isn't A correct? the decumantion mentions app engine as an option but not compute engine

<https://cloud.google.com/architecture/pci-dss-compliance-in-gcp>

   upvoted 2 times

  **deony** 2 years, 2 months ago



IMO, this question was posted in 2020.

and later, Google released egress control for serverless VPC.

so currently App engine also are compliant in PCI.

I think this question is outdated

   upvoted 4 times

  **deony** 2 years, 2 months ago

<https://cloud.google.com/blog/products/serverless/app-engine-egress-controls-and-user-managed-service-accounts?hl=en>

   upvoted 1 times

  **Littleivy** 2 years, 8 months ago

**Selected Answer: CD**

Answer is CD

For App Engine, the App Engine firewall only applies to incoming traffic routed to your app or service.

<https://cloud.google.com/appengine/docs/flexible/understanding-firewalls>



   upvoted 3 times

  **[Removed]** 2 years ago

This comment clearly explains why A is not correct.

Therefore the correct answer is C,D

   upvoted 1 times

  **AzureDP900** 2 years, 8 months ago

CD is right



   upvoted 1 times

  **GCP72** 2 years, 11 months ago

**Selected Answer: CD**

The correct answer is CD

   upvoted 1 times

  **jordi\_194** 3 years, 5 months ago

**Selected Answer: CD**

Ans: CD

   upvoted 2 times

  **DebasishLowes** 4 years, 4 months ago

Ans : CD

   upvoted 1 times

[Load full discussion...](#)



## Platform

> [Home](#)

> [Examtopics PRO](#)

> [All Exams](#)

> [Training Courses](#)

