◯ **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 81 DISCUSSION**

Actual exam question from Google's Professional Cloud Security Engineer

Question #: 81

Topic #: 1

[All Professional Cloud Security Engineer Questions]

A customer is running an analytics workload on Google Cloud Platform (GCP) where Compute Engine instances are accessing data stored on Cloud Storage.

Your team wants to make sure that this workload will not be able to access, or be accessed from, the internet.

Which two strategies should your team use to meet these requirements? (Choose two.)

    A. Configure Private Google Access on the Compute Engine subnet

    B. Avoid assigning public IP addresses to the Compute Engine cluster.

    C. Make sure that the Compute Engine cluster is running on a separate subnet.

    D. Turn off IP forwarding on the Compute Engine instances in the cluster.

    E. Configure a Cloud NAT gateway.

[**Show Suggested Answer**]

by 👤 **MohitA** at *Sept. 2, 2020, 10:38 a.m.*

Comments

```
Type your comment...
```

Submit

□ 👤 **MohitA** `Highly Voted 👍` 3 years, 11 months ago

AB suits well

👍 ↩ 🚩 upvoted 20 times

 □ 👤 **DebasishLowes** `Highly Voted 👍` 3 years, 4 months ago

Ans : AB

👍 ↩ 🚩 upvoted 7 times

 □ 👤 **Mauratay** `Most Recent ⊘` 5 months, 3 weeks ago

`Selected Answer: AE`

AE
A. Configuring Private Google Access on the Compute Engine subnet: This feature enables instances without public IP addresses to connect to Google APIs and services over internal IP addresses, ensuring that the instances cannot be accessed from the internet.

E. Configuring a Cloud NAT gateway: This ensures that instances within the VPC can connect to the internet, but only to specific IP ranges and ports and it also ensures that the instances cannot initiate connection to the internet.

By configuring both options, you are providing your Compute Engine instances with a way to access Google services while also being isolated from the internet and that is the best way to ensure that this workload will not be able to access, or be accessed from, the internet.

👍 ↩ 🚩 upvoted 1 times

 □ 👤 **gcpengineer** 1 year, 2 months ago

`Selected Answer: AB`

AB, A to access the cloud storage privately

👍 ↩ 🚩 upvoted 2 times

 □ 👤 **gcpengineer** 1 year, 2 months ago

`Selected Answer: BE`

BE. no public ip in vm and nat to access the cloud storage

👍 ↩ 🚩 upvoted 1 times

   □ 👤 **gcpengineer** 1 year, 2 months ago

   AB, A to access the cloud storage privately

   👍 ↩ 🚩 upvoted 1 times

 □ 👤 **therealsohail** 1 year, 6 months ago

AE
A. Configuring Private Google Access on the Compute Engine subnet: This feature enables instances without public IP addresses to connect to Google APIs and services over internal IP addresses, ensuring that the instances cannot be accessed from the internet.

E. Configuring a Cloud NAT gateway: This ensures that instances within the VPC can connect to the internet, but only to specific IP ranges and ports and it also ensures that the instances cannot initiate connection to the internet.

By configuring both options, you are providing your Compute Engine instances with a way to access Google services while also being isolated from the internet and that is the best way to ensure that this workload will not be able to access, or be accessed from, the internet.

👍 ↩ 🚩 upvoted 2 times

   □ 👤 **diasporabro** 1 year, 6 months ago

   NAT Gateway allows an instance to access the public internet (while not being accessible from the public internet), so it is incorrect

   👍 ↩ 🚩 upvoted 3 times

 □ 👤 **AzureDP900** 1 year, 8 months ago

AB is correct
A. Configure Private Google Access on the Compute Engine subnet
B. Avoid assigning public IP addresses to the Compute Engine cluster.

👍 ↩ 🚩 upvoted 1 times

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

`Selected Answer: AB`

A. Configure Private Google Access on the Compute Engine subnet
B. Avoid assigning public IP addresses to the Compute Engine cluster.

👍 ↩ 🚩 upvoted 2 times

 □ 👤 **cloudprincipal** 2 years, 1 month ago

agree with all the others

👍 ↩ 🚩 upvoted 2 times

☐ 👤 **pfilourenco** 3 years, 2 months ago

B and E:
"make sure that this workload will not be able to access, or be accessed from, the internet."
If we have cloud NAT we are able to access the internet! Also with public IP.

👍 ↩ 🚩 upvoted 2 times

☐ 👤 **Rupo7** 2 years, 5 months ago

The question says " not be able to access, or be accessed from, the internet." A NAT gateway enables access to the internet, just behind a static IP. A. Private access for the subnet is required to enable access to GCS. B is a good measure, as then the instance cannot access the internet at all (without a NAT Gateway that is).

👍 ↩ 🚩 upvoted 1 times

☐ 👤 **gcpengineer** 1 year, 2 months ago

private access of storage is required not of the VMs

👍 ↩ 🚩 upvoted 1 times

☐ 👤 **[Removed]** 3 years, 3 months ago

Not A https://cloud.google.com/vpc/docs/private-google-access

👍 ↩ 🚩 upvoted 1 times

☐ 👤 **tanfromvn** 3 years, 1 month ago

A_B, why not A? Private access just accepts traffic in GCP and to GG API

👍 ↩ 🚩 upvoted 2 times

☐ 👤 **ffdd1234** 3 years, 6 months ago

if you Avoid assigning public IP addresses to the Compute Engine cluster the instance could access to internet if have a nat gateway, maybe the answer is A and D

👍 ↩ 🚩 upvoted 1 times

☐ 👤 **ffdd1234** 2 years, 8 months ago

+1 A-D

👍 ↩ 🚩 upvoted 1 times

☐ 👤 **ffdd1234** 2 years, 8 months ago

But not sure "Ensure that IP Forwarding feature is not enabled at the Google Compute Engine instance level for security and compliance reasons, as instances with IP Forwarding enabled act as routers/packet forwarders."
IP FW is for route packets could not be D

👍 ↩ 🚩 upvoted 1 times

☐ 👤 **Topsy** 3 years, 7 months ago

A and B is correct

👍 ↩ 🚩 upvoted 4 times

☐ 👤 **genesis3k** 3 years, 9 months ago

AB is the correct answer.

👍 ↩ 🚩 upvoted 1 times

☐ 👤 **Wooky** 3 years, 10 months ago

B,D not A
Private google access provides public google api access without public IP

👍 ↩ 🚩 upvoted 1 times

☐ 👤 **Wooky** 3 years, 10 months ago

My mistake, ans is AB.

👍 ↩ 🚩 upvoted 2 times

☐ 👤 **Raushanr** 3 years, 10 months ago

Answer-AB

👍 ↩ 🚩 upvoted 2 times

EXAMTOPICS

Platform

> Home

> Examtopics PRO

> All Exams

> Training Courses