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Exam Professional Cloud Security Engineer All Questions

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EXAM PROFESSIONAL CLOUD SECURITY ENGINEER TOPIC 1 QUESTION 56 DISCUSSION

Actual exam question from Google's Professional Cloud Security Engineer

Question #: 56

Topic #: 1

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A customer is collaborating with another company to build an application on Compute Engine. The customer is building the application tier in their GCP

Organization, and the other company is building the storage tier in a different GCP Organization. This is a 3-tier web application.

Communication between portions of the application must not traverse the public internet by any means.

Which connectivity option should be implemented?

- A. VPC peering
- B. Cloud VPN
- C. Cloud Interconnect
- D. Shared VPC

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by  [Sheeda](#) at Aug. 29, 2020, 1:11 a.m.

Comments

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sc_cloud_learn **Highly Voted** 4 years ago
both are GCP, should be VPC peering- Option A
upvoted 17 times

okhascorpio **Most Recent** 1 year, 5 months ago
Selected Answer: C

Key information being "Communication between portions of the application must not traverse the public internet by any means" leaves only option "C" as a valid one, as all other options rely on the public internet for data transmission.

upvoted 1 times

Oujay 1 year ago
Connects your on-premises network to GCP, not relevant for connecting two GCP organizations
upvoted 2 times

[Removed] 1 year, 7 months ago
Selected Answer: A

Vpc peering definitely

upvoted 2 times

[Removed] 2 years ago
Selected Answer: A

"A"

Since both are in GCP then VPC Peering makes most sense.

References:

<https://cloud.google.com/vpc/docs/vpc-peering>

upvoted 3 times

shayke 2 years, 9 months ago
Selected Answer: A

only a

upvoted 2 times

AwesomeGCP 2 years, 9 months ago
Selected Answer: A

A – Peering two VPCs does permit traffic to flow between the two shared networks, but it's only bi-directional. Peered VPC networks remain administratively separate.

Dedicated Interconnect connections enable you to connect your on-premises network ... in another project, as long as they are both in the same organization. hence A

upvoted 1 times

AzureDP900 2 years, 8 months ago
Agreed, A is correct.

upvoted 1 times

DP_GCP 4 years, 2 months ago

B is not correct because if Cloud VPN is used data travels over internet and question mentions it doesnt want the data to travel through internet. <https://cloud.google.com/network-connectivity/docs/vpn/concepts/overview> Cloud VPN securely connects your peer network to your Virtual Private Cloud (VPC) network through an IPsec VPN connection. Traffic traveling between the two networks is encrypted by one VPN gateway and then decrypted by the other VPN gateway. This action protects your data as it travels over the internet

upvoted 1 times

PATILDXB 2 years, 7 months ago

Cloud VPN is a private connection, and different from normal IP VPN or IPsecVPN. Cloud VPN does not ride on internet. B is correct and appropriate, as it is cheaper than VPC peering, because VPC peering incurs charges

upvoted 1 times

mikez2023 2 years, 5 months ago

Cloud VPN securely connects your peer network to your Virtual Private Cloud (VPC) network through an IPsec VPN connection. Traffic traveling between the two networks is encrypted by one VPN gateway and then decrypted by the other VPN gateway. This action protects your data as it travels over the internet. You can also connect two instances of Cloud VPN to each other.



upvoted 1 times

nccdebug 1 year, 5 months ago

Communication between portions of the application must not traverse the public internet by any means, so A is the

answer

   upvoted 1 times

  **dtmtor** 4 years, 4 months ago


A, different orgs

   upvoted 4 times

  **DebasishLowes** 4 years, 5 months ago

A is the answer.

   upvoted 2 times

  **CHECK666** 4 years, 10 months ago



A is the ansswer. use VCP Peering.

   upvoted 3 times

  **Akku1614** 4 years, 10 months ago

Yes it Should be VPC Peering. <https://cloud.google.com/vpc/docs/vpc-peering>

   upvoted 3 times

  **Sheeda** 4 years, 11 months ago

Should be A

   upvoted 4 times



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