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EXAM ASSOCIATE CLOUD ENGINEER TOPIC 1 QUESTION 270 DISCUSSION

Actual exam question from Google's Associate Cloud Engineer

Question #: 270

Topic #: 1

[All Associate Cloud Engineer Questions]

You have two Google Cloud projects: project-a with VPC vpc-a (10.0.0.0/16) and project-b with VPC vpc-b (10.8.0.0/16). Your frontend application resides in vpc-a and the backend API services are deployed in vpc-b. You need to efficiently and cost-effectively enable communication between these Google Cloud projects. You also want to follow Google-recommended practices. What should you do?

   A. Create an OpenVPN connection between vpc-a and vpc-b.

   B. Create VPC Network Peering between vpc-a and vpc-b.

   C. Configure a Cloud Router in vpc-a and another Cloud Router in vpc-b.

   D. Configure a Cloud Interconnect connection between vpc-a and vpc-b.

Show Suggested Answer

by   RuchiMishra at *July 15, 2024, 5:12 p.m.*

Comments

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denno22 1 week, 3 days ago

Selected Answer: B

Google Cloud VPC Network Peering connects two Virtual Private Cloud (VPC) networks so that resources in each network can communicate with each other. Peered VPC networks can be in the same project, different projects of the same organization, or different projects of different organizations.
https://cloud.google.com/vpc/docs/vpc-peering

upvoted 2 times

flummoxed_individual 2 months, 4 weeks ago

Selected Answer: B

VPC Network Peering is the most efficient and cost-effective compared to the other options

upvoted 2 times

BuenaCloudDE 3 months ago

Selected Answer: B

VPC Network Peering: This allows private and secure communication between VPCs in different Google Cloud projects without using public IP addresses or VPN connections. It is cost-effective because it only incurs network egress charges within the same region and provides high-bandwidth, low-latency connectivity.

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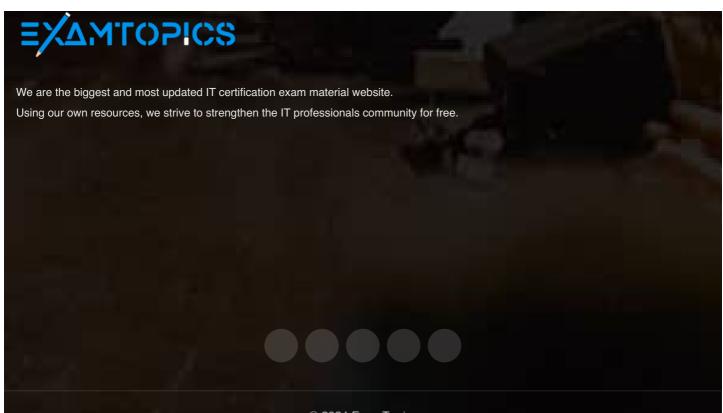
RuchiMishra 3 months, 1 week ago

Selected Answer: B

Why other options are not as suitable:

A. OpenVPN connection: OpenVPN requires setting up and managing a VPN gateway, adding complexity and potential overhead.
C. Cloud Routers: While Cloud Routers are powerful tools for managing dynamic routing, they are unnecessary for simple communication between two VPCs.
D. Cloud Interconnect: Cloud Interconnect is a high-speed, dedicated connection for hybrid cloud environments. It's overkill for connecting two VPCs within GCP and would be much more expensive than VPC Network Peering.

upvoted 2 times

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