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Exam Professional Cloud Security Engineer All Questions

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📄 EXAM PROFESSIONAL CLOUD SECURITY ENGINEER TOPIC 1 QUESTION 276 DISCUSSION

Actual exam question from Google's Professional Cloud Security Engineer

Question #: 276

Topic #: 1

[All Professional Cloud Security Engineer Questions]

You are creating a secure network architecture. You must fully isolate development and production environments, and prevent any network traffic between the two environments. The network team requires that there is only one central entry point to the cloud network from the on-premises environment. What should you do?

> A. Create one Virtual Private Cloud (VPC) network per environment. Add the on-premises entry point to the production VPC. Peer the VPCs with each other and create firewall rules to prevent traffic.
>
> B. Create one shared Virtual Private Cloud (VPC) network and use it as the entry point to the cloud network. Create separate subnets per environment. Create firewall rules to prevent traffic.
>
> C. Create one Virtual Private Cloud (VPC) network per environment. Create a VPC Service Controls perimeter per environment and add one environment VPC to each.
>
> D. Create one Virtual Private Cloud (VPC) network per environment. Create one additional VPC for the entry point to the cloud network. Peer the entry point VPC with the environment VPCs.

Show Suggested Answer

by 👤 **yokoyan** at *Sept. 6, 2024, 1:42 a.m.*

Comments

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⊟ 👤 **nah99** 8 months ago

Selected Answer: D

D satisfies all requirements

👍 ↩ 🚩 upvoted 2 times

⊟ 👤 **koo_kai** 9 months, 2 weeks ago

Selected Answer: D

It's D

👍 ↩ 🚩 upvoted 1 times

⊟ 👤 **d0fa7d5** 10 months, 3 weeks ago

Selected Answer: D

d is correct?

👍 ↩ 🚩 upvoted 1 times

⊟ 👤 **SQLbox** 10 months, 3 weeks ago

C , due to you must fully isolate development and production environments, and prevent any network traffic between the two environments

👍 ↩ 🚩 upvoted 1 times

⊟ 👤 **yokoyan** 10 months, 3 weeks ago

Selected Answer: C

I think it's C.

👍 ↩ 🚩 upvoted 1 times

⊟ 👤 **1e22522** 10 months, 3 weeks ago

VPC Service Controls help protect data and manage access but do not provide the same level of network isolation as creating separate VPCs. Service Controls are more about data access and security policies rather than network segmentation.

Thus, Option D is the most suitable approach for achieving the required isolation and centralized network entry point.

👍 ↩ 🚩 upvoted 4 times