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Exam Professional Cloud Security Engineer All Questions

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EXAM PROFESSIONAL CLOUD SECURITY ENGINEER TOPIC 1 QUESTION 316 DISCUSSION

Actual exam question from Google's Professional Cloud Security Engineer

Question #: 316

Topic #: 1

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You want to set up a secure, internal network within Google Cloud for database servers. The servers must not have any direct communication with the public internet. What should you do?

- A. Assign a private IP address to each database server. Use a NAT gateway to provide internet connectivity to the database servers.
- B. Assign a static public IP address to each database server. Use firewall rules to restrict external access.
- C. Create a VPC with a private subnet. Assign a private IP address to each database server.
- D. Assign both a private IP address and a public IP address to each database server.

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by  [abdelrahman89](#) at Oct. 25, 2024, 1:54 a.m.

Comments

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 [snti9999](#) 3 months, 1 week ago

Selected Answer: C

Q doesn't ask for Internet

👍 ↩ 🚩 upvoted 1 times

🗨️ 👤 **YourFriendlyNeighborhoodSpider** 4 months, 1 week ago

Selected Answer: C

If the question wanted you to allow INDIRECT access (like NAT), it should have been clearer about that. Instead, it's leaving room for pointless debate.

In real-world best practices, databases should be in a private subnet with zero internet exposure unless absolutely required (e.g., for updates via a controlled egress path).

So yeah, the question is badly worded, and people arguing for NAT are just nitpicking "direct" instead of focusing on security principles!!! SO ANSWER "C" MY DEARS!

👍 ↩ 🚩 upvoted 2 times

🗨️ 👤 **dlenehan** 6 months, 3 weeks ago

Selected Answer: A

Allows indirect access to internet. Other options are more focused on direct access.

👍 ↩ 🚩 upvoted 2 times

🗨️ 👤 **Zek** 7 months, 2 weeks ago

Selected Answer: A

I think A because it says

"The servers must not have any direct communication with the public internet."

Not direct bur suggest can be indirect access to internet

👍 ↩ 🚩 upvoted 3 times

🗨️ 👤 **dv1** 9 months ago

A seems better to me, as the question says "db servers must not have DIRECT access to the internet".

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🗨️ 👤 **YourFriendlyNeighborhoodSpider** 4 months, 1 week ago

if they meant to say that the VMs need "indirect" access to Internet - it would have been mentioned.

👍 ↩ 🚩 upvoted 1 times

🗨️ 👤 **MoAk** 8 months ago

This is the way.

👍 ↩ 🚩 upvoted 1 times

🗨️ 👤 **JohnDohertyDoe** 6 months, 3 weeks ago

But the question asks to create an internal network, not sure if they need internet access.

👍 ↩ 🚩 upvoted 2 times

🗨️ 👤 **abdelrahman89** 9 months, 1 week ago

Selected Answer: C

Answer C

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🗨️ 👤 **YourFriendlyNeighborhoodSpider** 4 months, 1 week ago

ABSOLUTELY RIGHT MY FRIEND

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