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Exam Professional Cloud Security Engineer All Questions

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EXAM PROFESSIONAL CLOUD SECURITY ENGINEER TOPIC 1 QUESTION 16 DISCUSSION

Actual exam question from Google's Professional Cloud Security Engineer

Question #: 16

Topic #: 1

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An organization's typical network and security review consists of analyzing application transit routes, request handling, and firewall rules. They want to enable their developer teams to deploy new applications without the overhead of this full review. How should you advise this organization?

- A. Use Forseti with Firewall filters to catch any unwanted configurations in production.
- B. Mandate use of infrastructure as code and provide static analysis in the CI/CD pipelines to enforce policies.
- C. Route all VPC traffic through customer-managed routers to detect malicious patterns in production.
- D. All production applications will run on-premises. Allow developers free rein in GCP as their dev and QA platforms.

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by [xhova](#) at April 3, 2020, 8:56 a.m.

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[bluetaurianbull](#) [Highly Voted](#) 3 years, 4 months ago

@TNT87 and others, if you say (B) or even (C) or (A) can you provide proof and URLs to support your claims. Simply saying if you have done Cloud Architect you will know Everything under the sun is not the proper response. this is a discussion and a

If you have done Cloud Architect, you will know everything under the sun is not the proper response, this is a discussion and a community here trying to learn. Not everyone will be in same standard or level.
Be helpful for others please....

   upvoted 16 times

  **OSNG** Highly Voted  2 years, 11 months ago

Its B.

Reasons:

1. They are asking for advise for Developers. (IaC is the suitable as they don't have to worry about managing infrastructure manually).

Moreover "An organization's typical network and security review consists of analyzing application transit routes, request handling, and firewall rules." statement is defining the process, they are not asking about the option to review the rules. Using Forseti is not reducing the overhead for Developers.

   upvoted 10 times

  **ppandher** Most Recent  9 months, 1 week ago

They want to enable their developer teams to deploy new applications without the overhead of this full review - Questions says this .

I am not sure if that feature is available in Forseti as per it, it is Inventory, Scanner, Explain, Enforce & Notification .

   upvoted 1 times

  **TonytheTiger** 1 year, 8 months ago

B: the best answer.

<https://cloud.google.com/recommender/docs/tutorial-iac>

   upvoted 1 times

  **GCP72** 1 year, 11 months ago

Selected Answer: B

The correct answer is B

   upvoted 1 times

  **Jeanphi72** 1 year, 11 months ago

Selected Answer: A

The problem I see with B is that there is no reason why reviews should disappear: IaC is code and code needs to be reviewed before being deployed. Depending on the companies, devops writing terraform / CDK are named developers as well. Forseti seems to be able to automate this: <https://github.com/forseti-security/forseti-security/tree/master/samples/scanner/scanners>

   upvoted 1 times

  **szl0144** 2 years, 2 months ago

I think B is the answer, can anybody explain why A is correct?

   upvoted 1 times

  **badrik** 2 years, 1 month ago

A is detective in nature while B is preventive. So, It's B !

   upvoted 2 times

  **minostrozaml2** 2 years, 6 months ago

Took the task today, only 5 question from this dump, the rest are new questions.

   upvoted 2 times

  **ThisisJohn** 2 years, 7 months ago

Selected Answer: B

My vote goes to B by discard.

A) only mentions firewall rules, but nothing about network routes, and nothing on Forseti website either


<https://forsetisecurity.org/about/>

C) Talks about malicious patterns, not about network routes, requests handling and patterns, like the question says

D) Running on-prem doesn't guarantee a higher level of control

Thus, the only answer that makes sense for me is B

   upvoted 2 times

  **TNT87** 3 years, 5 months ago

if you done Cloud Rchitect,you will understand why the answer is B

   upvoted 4 times

  **bluetaurianbull** 3 years, 2 months ago

its like saying if you have gone to space you experiance weighlessness .. be professional man... give proof for your claims, dont just expect world to be in same level as you. thats about COMMUNITY LEARNING ...

   upvoted 10 times

🗨️ 👤 **TNT87** 1 year, 4 months ago

kkkkkkkkkkkk then research than being angry

👍 ↩️ 🚩 upvoted 1 times

🗨️ 👤 **saurabh1805** 3 years, 9 months ago

I will also go with option A

👍 ↩️ 🚩 upvoted 1 times

🗨️ 👤 **CHECK666** 3 years, 10 months ago

B is the answer

👍 ↩️ 🚩 upvoted 1 times

🗨️ 👤 **ownez** 3 years, 11 months ago

Answer is B and not A because in A, the answer provided tells us the environment is in production where the question is about to enable their developer teams to deploy new applications without the overhead of the full review. Implementation of IAC is suitable for this.

Answer is B.

👍 ↩️ 🚩 upvoted 3 times

🗨️ 👤 **MohitA** 3 years, 11 months ago

Yes B serves the purpose.

👍 ↩️ 🚩 upvoted 2 times

🗨️ 👤 **aiwaai** 3 years, 11 months ago

Answer is A

👍 ↩️ 🚩 upvoted 1 times

🗨️ 👤 **bigdo** 3 years, 11 months ago

b is correct <https://cloud.google.com/blog/products/containers-kubernetes/guard-against-security-vulnerabilities-with-container-registry-vulnerability-scanning>

👍 ↩️ 🚩 upvoted 2 times

🗨️ 👤 **ArizonaClassics** 3 years, 12 months ago

Foreseti makes sense == A

👍 ↩️ 🚩 upvoted 2 times

🗨️ 👤 **ArizonaClassics** 3 years, 11 months ago

The Core FORSETI modules includes the Following; (1.) INVENTORY (2.) SCANNING (3.) ENFORCEMENT (4.) EXPLAIN

Hence the question already gave a clue on what they are looking for (INVENTORY/VISIBILITY/ANALYSIS) of all transit routes, firewall rules etc

👍 ↩️ 🚩 upvoted 1 times

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