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Exam Associate Cloud Engineer All Questions

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EXAM ASSOCIATE CLOUD ENGINEER TOPIC 1 QUESTION 8 DISCUSSION

Actual exam question from Google's Associate Cloud Engineer

Question #: 8

Topic #: 1

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You have an application that looks for its licensing server on the IP 10.0.3.21. You need to deploy the licensing server on Compute Engine. You do not want to change the configuration of the application and want the application to be able to reach the licensing server. What should you do?

- A. Reserve the IP 10.0.3.21 as a static internal IP address using gcloud and assign it to the licensing server.
- B. Reserve the IP 10.0.3.21 as a static public IP address using gcloud and assign it to the licensing server.
- C. Use the IP 10.0.3.21 as a custom ephemeral IP address and assign it to the licensing server.
- D. Start the licensing server with an automatic ephemeral IP address, and then promote it to a static internal IP address.

[Show Suggested Answer](#)

by [? zukko78](#) at May 11, 2020, 4:32 p.m.

Comments

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? ? **Khaled_Rashwan** Highly Voted ? 4 years, 5 months ago

A

IP 10.0.3.21 is internal by default, and to ensure that it will be static non-changing it should be selected as static internal ip address.

? ? ? upvoted 30 times

? ? **riccamini** 1 year, 11 months ago

How do you know it is internal by default?

? ? ? upvoted 1 times

? ? **yeanningmedal71** 1 year, 10 months ago

<https://cloud.google.com/vpc/docs/subnets#valid-ranges>

? ? ? upvoted 4 times

? ? **zukko78** Highly Voted ? 4 years, 5 months ago

it's obvious, A

? ? ? upvoted 24 times

? ? **Buruguduystunstugudunstuy** Most Recent ? 3 weeks, 6 days ago

Selected Answer: A

The correct answer is Option A.

To deploy the licensing server on Compute Engine and ensure that the application can reach it, you should reserve the IP 10.0.3.21 as a static internal IP address and assign it to the licensing server.

By reserving IP 10.0.3.21 as a static internal IP address, you can ensure that the application can reach the licensing server at that IP address without changing the application's configuration.

To reserve the IP 10.0.3.21 as a static internal IP address and assign it to a Compute Engine instance using gcloud, you can use the following command:

```
gcloud compute instances create [INSTANCE_NAME] --address [IP_ADDRESS] --no-address
```

Replace [INSTANCE_NAME] with the name of the Compute Engine instance that you want to create, and [IP_ADDRESS] with the desired static internal IP address (in this case, 10.0.3.21).

The --no-address flag specifies that the instance should not be assigned a public IP address.

? ? ? upvoted 5 times

? ? **YourCloudGuru** 3 weeks, 6 days ago

Selected Answer: A

The correct answer is A. Reserve the IP 10.0.3.21 as a static internal IP address using gcloud and assign it to the licensing server.

To reserve a static internal IP address, you can use the gcloud command-line tool. For example, to reserve the IP address 10.0.3.21, you would run the following command:

```
gcloud compute addresses reserve 10.0.3.21
```

Once you have reserved the static internal IP address, you can assign it to the licensing server by running the following command:

```
gcloud compute instances set-address licensing-server --address 10.0.3.21
```

Once you have assigned the static internal IP address to the licensing server, the application will be able to reach it using that IP address.

? ? ? upvoted 4 times

? ? **harsh5kalsait** 2 months, 1 week ago

Correct A: Due to an Application licensing server on the Static IP 10.0.3.21. You need to deploy the licensing server on Compute Engine. You do not want to change the configuration of the application and want the application to be able to reach the licensing server.

? ? ? upvoted 1 times

? ? **sam422** 4 months, 3 weeks ago

D

Application Compatibility: It maintains the application's existing configuration looking for the IP 10.0.3.21 (assumed to be an internal address).

Static IP: Promoting the ephemeral IP to static ensures the licensing server retains the 10.0.3.21 address even after restarts.

? ? ? upvoted 1 times

? ? **subha.elumalai** 5 months ago

Correct Answer is A

? ? ? upvoted 1 times

? ? **vipuldhage** 10 months ago

I agree that we should not expose the licensing server to the internet. But at the same time the in the question it is not mentioned that the application is deployed in the gcp environment.

? ? ? upvoted 3 times

? ? **BAofBK** 11 months, 2 weeks ago

The correct answer is A

? ? ? upvoted 1 times

? ? **Evan7557** 1 year ago

A is Right Ans

? ? ? upvoted 1 times

? ? **Captain1212** 1 year, 1 month ago

Internal IP address

? ? ? upvoted 1 times

? ? **SanjeevKumar1983** 1 year, 1 month ago

Selected Answer: A

Correct answer is A

? ? ? upvoted 1 times

? ? **Partha117** 1 year, 7 months ago

Selected Answer: A

Considering app is hosted in gcp internal ip address can be set as static

? ? ? upvoted 3 times

? ? **DLink** 1 year, 10 months ago

Selected Answer: A

Option A is right among choices

? ? ? upvoted 1 times

? ? **riccamini** 1 year, 11 months ago

It's not stated whether the app is deployed on GCP. A or B are both correct in my opinion.

? ? ? upvoted 3 times

? ? **FeaRoX** 1 year, 8 months ago

ip that starts with 10. is not a public IP. B = wrong.

? ? ? upvoted 3 times

? ? **AzureDP900** 2 years, 4 months ago

Static IP point to internal .. Option A is right

? ? ? upvoted 1 times

? ? **rajsharma2108** 2 years, 4 months ago

A

obvious answer

? ? ? upvoted 1 times

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