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EXAM ASSOCIATE CLOUD ENGINEER TOPIC 1 QUESTION 12 DISCUSSION

Actual exam question from Google's Associate Cloud Engineer

Question #: 12

Topic #: 1

[All Associate Cloud Engineer Questions]

You have a Dockerfile that you need to deploy on Kubernetes Engine. What should you do?

A. Use kubectl app deploy <dockerfilename>.

B. Use gcloud app deploy <dockerfilename>.

C. Create a docker image from the Dockerfile and upload it to Container Registry. Create a Deployment YAML file to point to that image. Use kubectl to create the deployment with that file.

D. Create a docker image from the Dockerfile and upload it to Cloud Storage. Create a Deployment YAML file to point to that image. Use kubectl to create the deployment with that file.

Show Suggested Answer

by   Agents89 at *April 21, 2020, 4:17 a.m.*

Comments

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Agents89 Highly Voted 4 years, 6 months ago

C is correct

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Buruguduystunstugudunstuy `Highly Voted` 1 year, 9 months ago

`Selected Answer: C`

The correct answer is Option C. To deploy a Docker container on Kubernetes Engine, you should first create a Docker image from the Dockerfile and push it to Container Registry, which is a fully-managed Docker container registry that makes it easy for you to store, manage, and deploy Docker container images. Then, you can create a Deployment YAML file that specifies the image to use and other desired deployment options, and use the kubectl command-line tool to create the deployment based on the YAML file.

Option A is incorrect because kubectl app deploy is not a valid command.

Option B is incorrect because gcloud app deploy is used to deploy applications to App Engine, not Kubernetes Engine.

Option D is incorrect because it involves storing the image in Cloud Storage rather than Container Registry.

https://cloud.google.com/kubernetes-engine/docs/how-to/deploying-a-container

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ast3citos 1 year, 8 months ago

The link you provided has stopped working :_(

upvoted 3 times

madzzzz `Most Recent` 2 weeks, 6 days ago

`Selected Answer: C`

C is correct

upvoted 1 times

subha.elumalai 5 months ago

Correct Answer: C
Reference -
https://cloud.google.com/kubernetes-engine/docs/tutorials/hello-app

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BAofBK 11 months, 2 weeks ago

The answer is C.

upvoted 1 times

Evan7557 1 year ago

C is Correct Answer

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dookiecloud 1 year, 1 month ago

C is correct.
We need to build docker image then push to Container Registry and setup yaml deployment in GKE to pull our registry image.

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Captain1212 1 year, 1 month ago

c is correct ,, you have to first upload it in the continer registry

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sajitv 1 year, 7 months ago

`Selected Answer: C`

C is correct

upvoted 1 times

ChristN 1 year, 10 months ago

`Selected Answer: C`

C is correct.

upvoted 1 times

leogor 1 year, 12 months ago

c, u need to upload to Container Registry before deploying

upvoted 1 times

hiromi 2 years ago

`Selected Answer: C`

C is correct, cuz you need to upload to Container Registry at first

upvoted 1 times

RanjithK 2 years, 3 months ago

Answer is C

upvoted 1 times

AzureDP900 2 years, 4 months ago

C is right

upvoted 1 times

Biksthrow 2 years, 4 months ago

C is correct answer

upvoted 1 times

wjtb 2 years, 4 months ago

Selected Answer: C

C is correct.
A can be eliminated because kubectl app * is not a valid command
B can be eliminated because gcloud app deploy deploys on app engine, not on kubernetes (also it still requires a config file pointing to the image).
D is not correct, since you cannot deploy a container image directly from GCS

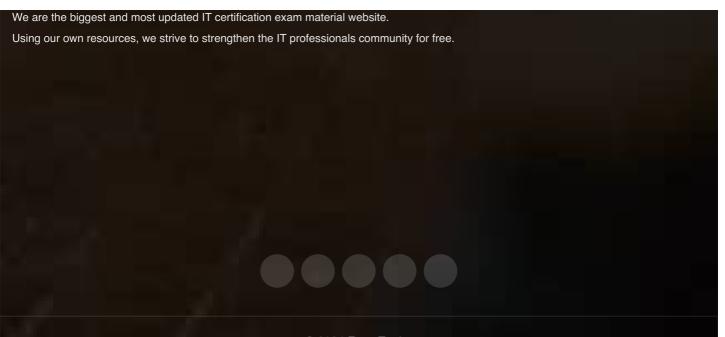upvoted 6 times

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