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EXAM PROFESSIONAL MACHINE LEARNING ENGINEER TOPIC 1 QUESTION 5 DISCUSSION

Actual exam question from Google's Professional Machine Learning Engineer
Question #: 5
Topic #: 1
[All Professional Machine Learning Engineer Questions]

You manage a team of data scientists who use a cloud-based backend system to submit training jobs. This system has become very difficult to administer, and you want to use a managed service instead. The data scientists you work with use many different frameworks, including Keras, PyTorch, theano, Scikit-learn, and custom libraries. What should you do?

A. Use the AI Platform custom containers feature to receive training jobs using any framework.

B. Configure Kubeflow to run on Google Kubernetes Engine and receive training jobs through TF Job.

C. Create a library of VM images on Compute Engine, and publish these images on a centralized repository.

D. Set up Slurm workload manager to receive jobs that can be scheduled to run on your cloud infrastructure.

Show Suggested Answer

by gcp2021go at *June 5, 2021, 5:40 p.m.*

Comments

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gcp2021go Highly Voted 3 years, 4 months ago

the answer is A

upvoted 24 times

guruguru Highly Voted 3 years, 3 months ago

A, because AI platform supported all the frameworks mentioned. And Kubeflow is not managed service in GCP.
https://cloud.google.com/ai-platform/training/docs/getting-started-pytorch

upvoted 10 times

jkkim_jt Most Recent 3 days, 6 hours ago

I think "custom container" should be written in capital letters like "AI Platform Custom Container". It is one of the features of AI Platform. It is a proper noun not a general term.

upvoted 1 times

Yorko 3 months, 2 weeks ago

Selected Answer: A

A. Now it's called Vertex AI

upvoted 1 times

PhilipKoku 4 months, 2 weeks ago

Selected Answer: A

The best approach is option A: Use AI Platform custom containers. It provides flexibility, scalability, and support for various frameworks, making it an ideal choice for your team's needs.

upvoted 1 times

fragkris 10 months, 3 weeks ago

Selected Answer: A

Chose A

upvoted 1 times

Sum_Sum 11 months, 1 week ago

Selected Answer: A

A is the only Google managed service solution
B,C - are not managed
D- is a 3rd party

upvoted 2 times

M25 1 year, 5 months ago

Selected Answer: A

Went with A

upvoted 2 times

Antmal 1 year, 9 months ago

The answer must be D as nowhere in the question has GCP been mention
https://aadityachapagain.com/2020/09/distributed-training-with-slurm-on-gcp/

upvoted 1 times

tavva_prudhvi 1 year, 7 months ago

D is incorrect, this is more far from a managed service based solution.

upvoted 2 times

Antmal 1 year, 9 months ago

The Answer is D. As no where in the answer has GCP been mentioned. https://aadityachapagain.com/2020/09/distributed-training-with-slurm-on-gcp/

upvoted 1 times

ares81 1 year, 9 months ago

Selected Answer: A

It's A

upvoted 2 times

Moulichintakunta 1 year, 10 months ago

Selected Answer: D

Here the question is on workload management not on supporting frameworks slurm is a managed solution for workloads

upvoted 1 times

EFIGO 1 year, 11 months ago

Selected Answer: A

Now it's Vertex AI (instead of AI Platform), but it's the best solution, no need to do anything more complicated

upvoted 4 times

upvoted 4 times

abhi0706 1 year, 11 months ago

A - Vertex AI now

upvoted 3 times

GCP72 2 years, 2 months ago

Selected Answer: A

Correct answer is "A"

upvoted 1 times

caohieu04 2 years, 7 months ago

Selected Answer: A

A is correct

upvoted 2 times

vinit1101 2 years, 9 months ago

Selected Answer: A

the answer is A

upvoted 2 times

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