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Exam Cloud Digital Leader All Questions

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EXAM CLOUD DIGITAL LEADER TOPIC 1 QUESTION 19 DISCUSSION

Actual exam question from Google's Cloud Digital Leader

Question #: 19

Topic #: 1

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You are a program manager for a team of developers who are building an event-driven application to allow users to follow one another's activities in the app. Each time a user adds himself as a follower of another user, a write occurs in the real-time database.

The developers will develop a lightweight piece of code that can respond to database writes and generate a notification to let the appropriate users know that they have gained new followers. The code should integrate with other cloud services such as Pub/Sub, Firebase, and Cloud APIs to streamline the orchestration process. The application requires a platform that automatically manages underlying infrastructure and scales to zero when there is no activity.

Which primary compute resource should your developers select, given these requirements?

- A. Google Kubernetes Engine
- B. Cloud Functions
- C. App Engine flexible environment
- D. Compute Engine


Show Suggested Answer

by [akshay_jadhav](#) at Jan. 7, 2022, 7:40 a.m.

Comments

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  **mickeyadlg** Highly Voted  2 years, 9 months ago

B is correct, app engine flexible doesn't scale to zero

   upvoted 13 times

  **cookieMr** Highly Voted  1 year, 4 months ago

Selected Answer: B

Given the requirements of automatically managing underlying infrastructure, scaling to zero when there is no activity, and integrating with other cloud services like Pub/Sub, Firebase, and Cloud APIs, the appropriate compute resource for your developers to select would be Cloud Functions in Google Cloud Platform (GCP).

Cloud Functions is a serverless compute service that allows you to run event-driven code in a fully managed environment. It is designed to execute short-lived functions in response to various events, such as database writes, file uploads, HTTP requests, and Pub/Sub messages.



   upvoted 7 times

  **chai_gpt** Most Recent  11 months, 3 weeks ago

Selected Answer: B

Bis correct



   upvoted 1 times

  **mdsarfraz69** 1 year, 1 month ago

Selected Answer: B

B is correct, app engine flexible doesn't scale to zero

   upvoted 1 times

  **afeff** 1 year, 1 month ago

Selected Answer: B

Cloud Function caut App Engine flexible cannot run at zero scale (standard configuraiton does)



   upvoted 1 times

  **Rafa_M** 1 year, 6 months ago

Selected Answer: B

B. "Cloud Functions for Firebase is a serverless framework that lets you automatically run backend code in response to events triggered by Firebase features and HTTPS requests"

   upvoted 2 times

  **star2anand** 1 year, 7 months ago

B. Cloud Functions

   upvoted 1 times

  **adityanarayan** 1 year, 8 months ago

But companies are using AKS/GKE/EKS for that also.

   upvoted 1 times

  **Saptarsi_Mondal** 1 year, 11 months ago

Cloud Function scale from 0 to global level. Is Serverless. Compute for event driven apps. App engine flexible minimum have 1 instance not 0, So answer is B.

   upvoted 5 times

  **ravikiran37** 2 years ago

infrastructure and scales to zero when there is no activity. is key point to select B

   upvoted 1 times

  **haroldbenites** 2 years, 4 months ago

Go for B

   upvoted 1 times

  **Monicaarg** 2 years, 5 months ago

Selected Answer: B

Cloud Function scale from 0 to global level. Is Serverless. Compute for event driven apps.

   upvoted 2 times

  **albert_kuo** 2 years, 6 months ago

Selected Answer: B

Because of event-driven application, it should be B.

   upvoted 1 times

  **NU_1234** 2 years, 6 months ago

Selected Answer: B

Cloud function - Event driven, light weight..

   upvoted 1 times

  **RonRon512** 2 years, 7 months ago

Selected Answer: B

Lightweight code- Cloud functions

   upvoted 2 times

  **leyunjohn** 2 years, 8 months ago

Selected Answer: B

B. Cloud Functions

   upvoted 1 times

  **beginnercloud** 2 years, 8 months ago

Selected Answer: B

B is correct

   upvoted 1 times

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