

Q&As

Professional Cloud Architect on Google Cloud Platform

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QUESTION 1

Mountkirk Games\' gaming servers are not automatically scaling properly. Last month, they rolled out a new feature, which suddenly became very popular. A record number of users are trying to use the service, but many of them are getting 503 errors and very slow response times. What should they investigate first?

- A. Verify that the database is online
- B. Verify that the project quota hasn\'t been exceeded
- C. Verify that the new feature code did not introduce any performance bugs
- D. Verify that the load-testing team is not running their tool against production

Correct Answer: B

503 is service unavailable error. If the database was online everyone would get the 503 error.

QUESTION 2

You are running a cluster on Kubernetes Engine to serve a web application. Users are reporting that a specific part of the application is not responding anymore. You notice that all pods of your deployment keep restarting after 2 seconds. The application writes logs to standard output. You want to inspect the logs to find the cause of the issue. Which approach can you take?

- A. Review the Stackdriver logs for each Compute Engine instance that is serving as a node in the cluster.
- B. Review the Stackdriver logs for the specific Kubernetes Engine container that is serving the unresponsive part of the application.
- C. Connect to the cluster using gcloud credentials and connect to a container in one of the pods to read the logs.
- D. Review the Serial Port logs for each Compute Engine instance that is serving as a node in the cluster.

Correct Answer: B

QUESTION 3

Your company is using Google Cloud. You have two folders under the Organization: Finance and Shopping. The members of the development team are in a Google Group. The development team group has been assigned the Project Owner role on the Organization. You want to prevent the development team from creating resources in projects in the Finance folder. What should you do?

- A. Assign the development team group the Project Viewer role on the Finance folder, and assign the development team group the Project Owner role on the Shopping folder.
- B. Assign the development team group only the Project Viewer role on the Finance folder.
- C. Assign the development team group the Project Owner role on the Shopping folder, and remove the development team group Project Owner role from the Organization.

D. Assign the development team group only the Project Owner role on the Shopping folder.

Correct Answer: C

Reference: <https://cloud.google.com/resource-manager/docs/creating-managing-folders>

QUESTION 4

You need to deploy an application to Google Cloud. The application receives traffic via TCP and reads and writes data to the filesystem. The application does not support horizontal scaling. The application process requires full control over the data on the file system because concurrent access causes corruption. The business is willing to accept a downtime when an incident occurs, but the application must be available 24/7 to support their business operations. You need to design the architecture of this application on Google Cloud. What should you do?

A. Use a managed instance group with instances in multiple zones, use Cloud Filestore, and use an HTTP load balancer in front of the instances.

B. Use a managed instance group with instances in multiple zones, use Cloud Filestore, and use a network load balancer in front of the instances.

C. Use an unmanaged instance group with an active and standby instance in different zones, use a regional persistent disk, and use an HTTP load balancer in front of the instances.

D. Use an unmanaged instance group with an active and standby instance in different zones, use a regional persistent disk, and use a network load balancer in front of the instances.

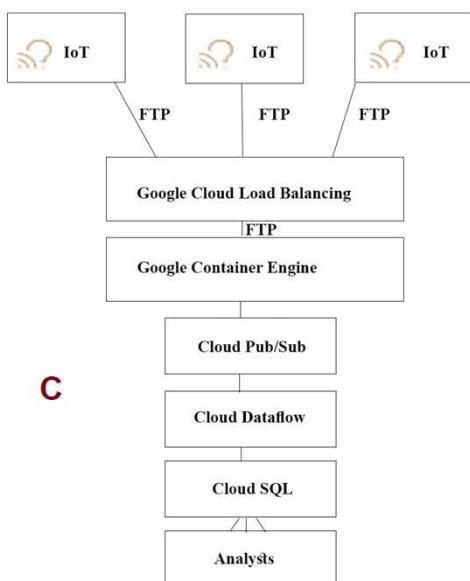
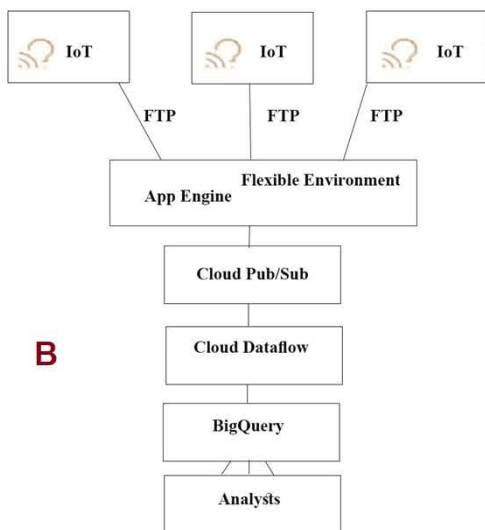
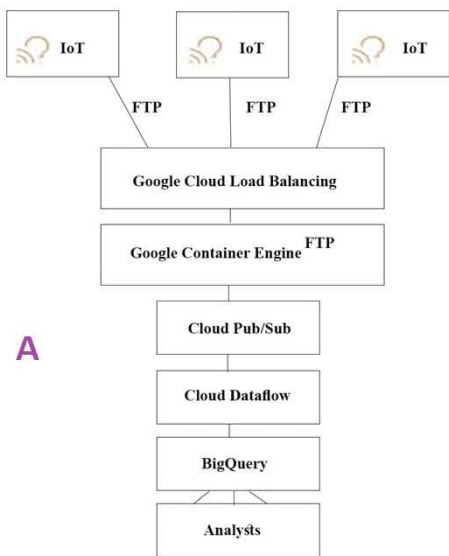
Correct Answer: D

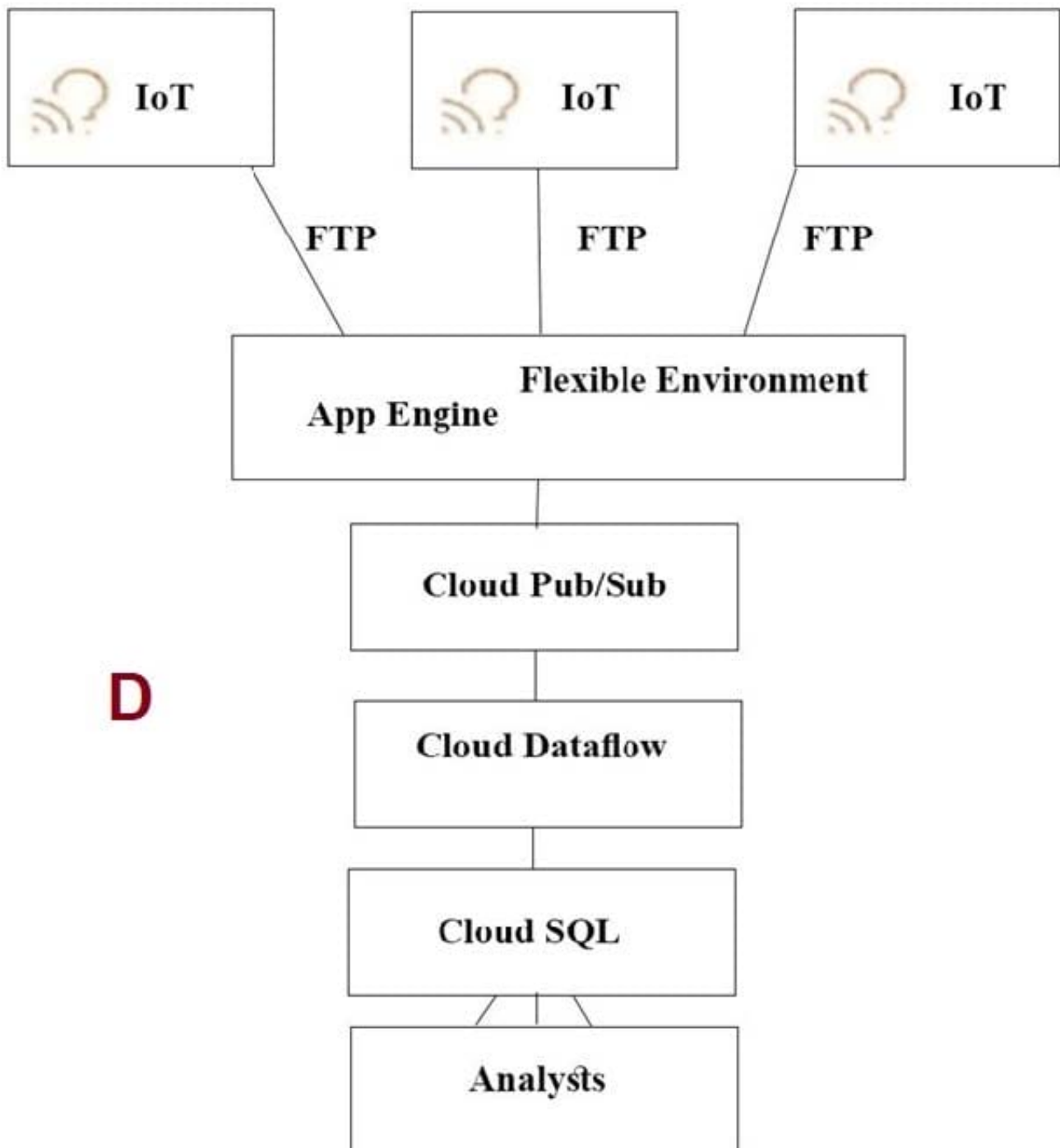
Reference: <https://cloud.google.com/compute/docs/instance-groups>

QUESTION 5

TerramEarth's CTO wants to use the raw data from connected vehicles to help identify approximately when a vehicle in the field will have a catastrophic failure. You want to allow analysts to centrally query the vehicle data.

Which architecture should you recommend?





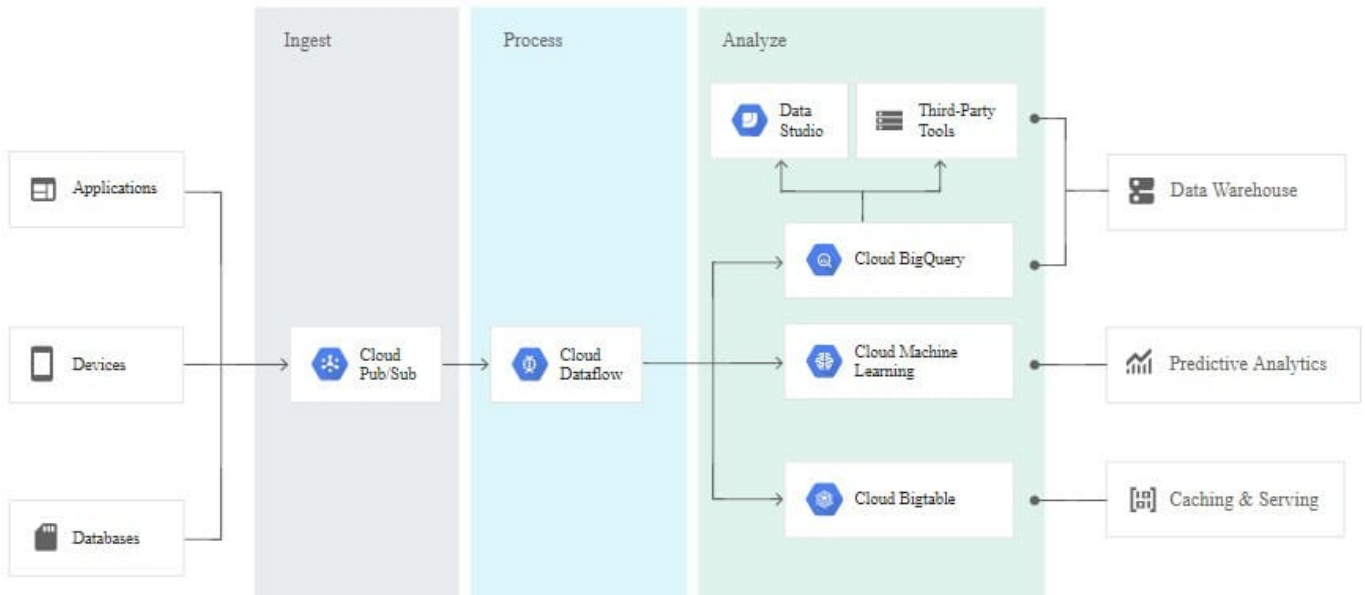
- A. Option A
- B. Option B
- C. Option C
- D. Option D

Correct Answer: A

The push endpoint can be a load balancer.

A container cluster can be used.

Cloud Pub/Sub for Stream Analytics



References:

<https://cloud.google.com/pubsub/>

<https://cloud.google.com/solutions/iot/>

<https://cloud.google.com/solutions/designing-connected-vehicle-platform>

https://cloud.google.com/solutions/designing-connected-vehicle-platform#data_ingestion

<http://www.eweek.com/big-data-and-analytics/google-touts-value-of-cloud-iot-core-for-analyzing-connected-car-data>

<https://cloud.google.com/solutions/iot/>

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