



Q&As

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QUESTION 1

Your company captures all web traffic data in Google Analytics 260 and stores it in BigQuery. Each country has its own dataset. Each dataset has multiple tables. You want analysts from each country to be able to see and query only the data for their respective countries.

How should you configure the access rights?

- A. Create a group per country. Add analysts to their respective country-groups. Create a single group ``all_analysts``, and add all country-groups as members. Grant the ``all-analysis`` group the IAM role of BigQuery jobUser. Share the appropriate dataset with view access with each respective analyst country-group.
- B. Create a group per country. Add analysts to their respective country-groups. Create a single group ``all_analysts``, and add all country-groups as members. Grant the ``all-analysis`` group the IAM role of BigQuery jobUser. Share the appropriate tables with view access with each respective analyst country-group.
- C. Create a group per country. Add analysts to their respective country-groups. Create a single group ``all_analysts``, and add all country-groups as members. Grant the ``all-analysis`` group the IAM role of BigQuery dataViewer. Share the appropriate dataset with view access with each respective analyst country-group.
- D. Create a group per country. Add analysts to their respective country-groups. Create a single group ``all_analysts``, and add all country-groups as members. Grant the ``all-analysis`` group the IAM role of BigQuery dataViewer. Share the appropriate table with view access with each respective analyst country-group.

Correct Answer: A

QUESTION 2

For this question, refer to the EHR Healthcare case study. You need to define the technical architecture for securely deploying workloads to Google Cloud. You also need to ensure that only verified containers are deployed using Google Cloud services. What should you do? (Choose two.)

- A. Enable Binary Authorization on GKE, and sign containers as part of a CI/CD pipeline.
- B. Configure Jenkins to utilize Kritis to cryptographically sign a container as part of a CI/CD pipeline.
- C. Configure Container Registry to only allow trusted service accounts to create and deploy containers from the registry.
- D. Configure Container Registry to use vulnerability scanning to confirm that there are no vulnerabilities before deploying the workload.

Correct Answer: AD

Binary Authorization to ensure only verified containers are deployed To ensure deployment are secure and consistent, automatically scan images for vulnerabilities with container analysis (https://cloud.google.com/docs/cicd/overview?hl=en&skip_cache=true)

QUESTION 3

Operational parameters such as oil pressure are adjustable on each of TerramEarth's vehicles to increase their



efficiency, depending on their environmental conditions. Your primary goal is to increase the operating efficiency of all 20 million cellular and unconnected vehicles in the field.

How can you accomplish this goal?

- A. Have you engineers inspect the data for patterns, and then create an algorithm with rules that make operational adjustments automatically
- B. Capture all operating data, train machine learning models that identify ideal operations, and run locally to make operational adjustments automatically
- C. Implement a Google Cloud Dataflow streaming job with a sliding window, and use Google Cloud Messaging (GCM) to make operational adjustments automatically
- D. Capture all operating data, train machine learning models that identify ideal operations, and host in Google Cloud Machine Learning (ML) Platform to make operational adjustments automatically

Correct Answer: B

References: <https://cloud.google.com/customers/ocado/>

QUESTION 4

Your solution is producing performance bugs in production that you did not see in staging and test environments. You want to adjust your test and deployment procedures to avoid this problem in the future. What should you do?

- A. Deploy fewer changes to production
- B. Deploy smaller changes to production
- C. Increase the load on your test and staging environments
- D. Deploy changes to a small subset of users before rolling out to production

Correct Answer: C

QUESTION 5

Your company's test suite is a custom C++ application that runs tests throughout each day on Linux virtual machines. The full test suite takes several hours to complete, running on a limited number of on-premises servers reserved for testing. Your company wants to move the testing infrastructure to the cloud, to reduce the amount of time it takes to fully test a change to the system, while changing the tests as little as possible.

Which cloud infrastructure should you recommend?

- A. Google Compute Engine unmanaged instance groups and Network Load Balancer
- B. Google Compute Engine managed instance groups with auto-scaling
- C. Google Cloud Dataproc to run Apache Hadoop jobs to process each test
- D. Google App Engine with Google StackDriver for logging



Correct Answer: B

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