

# Updated Google Reliable Test Notes—High Pass Rate Professional-Cloud-Architect Training Tools



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The TestInsides supports Google Professional-Cloud-Architect exam candidates by listening to their worries, resolving their problems, and offering them actual exam questions. The exam candidate has several concerns before choosing any platform. They want a platform that satisfies them and promises to help them prepare for the Professional-Cloud-Architect test successfully on the first time.

Google Certified Professional – Cloud Architect (GCP) is a certification offered by Google Cloud Platform that validates the skills of an individual in designing, developing, and managing solutions using Google Cloud technologies. Google Certified Professional - Cloud Architect (GCP) certification is aimed at cloud architects, solution architects, and DevOps engineers who are responsible for designing, implementing, and managing solutions on the Google Cloud Platform.

## Difficulty in writing the Google Professional Cloud Architect Exam

Google Professional Cloud Architect Certification is a most privileged achievement one could be graced with. It is one of the highest level of certification in the Google. This Certification consisting of real time scenarios and practical experience which make it difficult for the candidate to get through with the Google Professional Cloud Architect Exam. If the candidates have proper preparation material to pass the Google Professional Cloud Architect exam with good grades. Questions answers and clarifications which are designed in form of TestInsides exam dumps make sure to cover entire course content. TestInsides have a brilliant Google Professional Cloud Architect exam dumps with the foremost latest and vital queries and answers in PDF format. TestInsides is sure about the exactness and legitimacy of Google Professional Cloud Architect exam dumps and in this manner. Candidates can easily pass the Google Professional Cloud Architect exam with genuine Google Professional Cloud Architect exam dumps and get Google Professional Cloud Architect certification skillful surely. These exam dumps are viewed as the best source to understand the Google Professional Cloud Architect Certification well by simply perusing these example questions and answers. If the candidate complete practice the exam with certification **Google Professional Cloud Architect exam dumps** along with self-assessment to get the proper idea on Google accreditation and to ace the certification exam.

Google Professional-Cloud-Architect Certification is designed for individuals who are seeking to demonstrate their expertise in designing, developing, and managing robust, secure, scalable, and highly available cloud solutions using Google Cloud Platform (GCP). Google Certified Professional - Cloud Architect (GCP) certification exam is ideal for cloud architects, solution architects,

and IT professionals who work with GCP on a regular basis.

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## Free PDF Quiz 2026 Google High Pass-Rate Reliable Professional-Cloud-Architect Test Notes

The TestInsides is one of the top-rated and reliable platforms for quick and complete Professional-Cloud-Architect exam preparation. The TestInsides has been offering real, valid, and updated Google Certified Professional - Cloud Architect (GCP) exam questions for many years. Over this long time period countless Google Professional-Cloud-Architect Exam candidates have passed their dream Google Professional-Cloud-Architect certification and doing jobs in the world's top brands.

### Google Certified Professional - Cloud Architect (GCP) Sample Questions (Q177-Q182):

#### NEW QUESTION # 177

For this question refer to the TerramEarth case study

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 your 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. 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.
- D. Implement a Google Cloud Dataflow streaming job with a sliding window, and use Google Cloud Messaging (GCM) to make operational adjustments automatically.

#### Answer: B

Explanation:

Topic 1, TerramEarth Case Study

Company Overview

TerramEarth manufactures heavy equipment for the mining and agricultural industries: About 80% of their business is from mining and 20% from agriculture. They currently have over 500 dealers and service centers in 100 countries. Their mission is to build products that make their customers more productive.

Company Background

TerramEarth formed in 1946, when several small, family owned companies combined to retool after World War II. The company cares about their employees and customers and considers them to be extended members of their family.

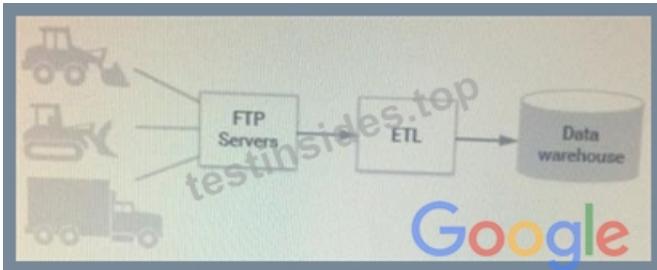
TerramEarth is proud of their ability to innovate on their core products and find new markets as their customers' needs change. For the past 20 years trends in the industry have been largely toward increasing productivity by using larger vehicles with a human operator.

Solution Concept

There are 20 million TerramEarth vehicles in operation that collect 120 fields of data per second. Data is stored locally on the vehicle and can be accessed for analysis when a vehicle is serviced. The data is downloaded via a maintenance port. This same port can be used to adjust operational parameters, allowing the vehicles to be upgraded in the field with new computing modules.

Approximately 200,000 vehicles are connected to a cellular network, allowing TerramEarth to collect data directly. At a rate of 120 fields of data per second, with 22 hours of operation per day. TerramEarth collects a total of about 9 TB/day from these connected vehicles.

Existing Technical Environment



TerraEarth's existing architecture is composed of Linux-based systems that reside in a data center. These systems gzip CSV files from the field and upload via FTP, transform and aggregate them, and place the data in their data warehouse. Because this process takes time, aggregated reports are based on data that is 3 weeks old.

With this data, TerraEarth has been able to preemptively stock replacement parts and reduce unplanned downtime of their vehicles by 60%. However, because the data is stale, some customers are without their vehicles for up to 4 weeks while they wait for replacement parts.

#### Business Requirements

- \* Decrease unplanned vehicle downtime to less than 1 week, without increasing the cost of carrying surplus inventory
- \* Support the dealer network with more data on how their customers use their equipment IP better position new products and services.
- \* Have the ability to partner with different companies-especially with seed and fertilizer suppliers in the fast-growing agricultural business-to create compelling joint offerings for their customers CEO Statement We have been successful in capitalizing on the trend toward larger vehicles to increase the productivity of our customers. Technological change is occurring rapidly and TerraEarth has taken advantage of connected devices technology to provide our customers with better services, such as our intelligent farming equipment.

With this technology, we have been able to increase farmers' yields by 25%, by using past trends to adjust how our vehicles operate. These advances have led to the rapid growth of our agricultural product line, which we expect will generate 50% of our revenues by 2020.

#### CTO Statement

Our competitive advantage has always been in the manufacturing process with our ability to build better vehicles for lower cost than our competitors. However, new products with different approaches are constantly being developed, and I'm concerned that we lack the skills to undergo the next wave of transformations in our industry. Unfortunately, our CEO doesn't take technology obsolescence seriously and he considers the many new companies in our industry to be niche players. My goals are to build our skills while addressing immediate market needs through incremental innovations.

### NEW QUESTION # 178

You are creating an App Engine application that uses Cloud Datastore as its persistence layer. You need to retrieve several root entities for which you have the identifiers. You want to minimize the overhead in operations performed by Cloud Datastore. What should you do?

- A. Create the Key object for each Entity and run a batch get operation
- B. Use the identifiers to create a query filter and run multiple query operations, one operation for each entity
- C. Use the identifiers to create a query filter and run a batch query operation
- D. Create the Key object for each Entity and run multiple get operations, one operation for each entity

#### Answer: C

Explanation:

Explanation

<https://cloud.google.com/datastore/docs/concepts/entities#datastore-datastore-batch-upsert-nodejs>

### NEW QUESTION # 179

You are designing a Data Warehouse on Google Cloud and want to store sensitive data in BigQuery. Your company requires you to generate encryption keys outside of Google Cloud. You need to implement a solution. What should you do?

- A. Import a key in Cloud KMS. Store all data in Cloud Storage using the customer-managed key option and select the created key. Set up a Dataflow pipeline to decrypt the data and to store it in a new BigQuery dataset.
- B. Generate a new key in Cloud Key Management Service (Cloud KMS). Store all data in Cloud Storage using the customer-managed key option and select the created key. Set up a Dataflow pipeline to decrypt the data and to store it in a BigQuery dataset.

- C. Import a key in Cloud KMS. Create a dataset in BigQuery using the customer-supplied key option and select the created key.
- D. Generate a new key in Cloud Key Management Service (Cloud KMS). Create a dataset in BigQuery using the customer-managed key option and select the created key

**Answer: C**

Explanation:

<https://cloud.google.com/bigquery/docs/customer-managed-encryption>

#### NEW QUESTION # 180

Dress4Win has asked you to recommend machine types they should deploy their application servers to. How should you proceed?

- A. Recommend that Dress4Win deploy application servers to machine types that offer the highest RAM to CPU ratio available.
- B. Perform a mapping of the on-premises physical hardware cores and RAM to the nearest machine types in the cloud.
- C. Recommend that Dress4Win deploy into production with the smallest instances available, monitor them over time, and scale the machine type up until the desired performance is reached.
- D. Identify the number of virtual cores and RAM associated with the application server virtual machines align them to a custom machine type in the cloud, monitor performance, and scale the machine types up until the desired performance is reached.

**Answer: B**

#### NEW QUESTION # 181

To reduce costs, the Director of Engineering has required all developers to move their development infrastructure resources from on-premises virtual machines (VMs) to Google Cloud Platform. These resources go through multiple start/stop events during the day and require state to persist. You have been asked to design the process of running a development environment in Google Cloud while providing cost visibility to the finance department. Which two steps should you take? Choose 2 answers

- A. Store all state in Google Cloud Storage, snapshot the persistent disks, and terminate the VM.
- B. Apply VM CPU utilization label and include it in the BigQuery billing export.
- C. Use the -auto-delete flag on all persistent disks and terminate the VM.
- D. Store all state into local SSD, snapshot the persistent disks, and terminate the VM.
- E. Use Google BigQuery billing export and labels to associate cost to groups.
- F. Use the --no-auto-delete flag on all persistent disks and stop the VM.

**Answer: B,E**

Explanation:

Explanation

<https://cloud.google.com/billing/docs/how-to/export-data-bigquery>

Team or cost center labels: Add labels based on team or cost center to distinguish instances owned by different teams (for example, teamresearch and teamanalytics). You can use this type of label for cost accounting or budgeting.

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

#### NEW QUESTION # 182

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