

Google Professional-Cloud-Architect Valid Test Labs - Real Professional-Cloud-Architect Torrent

Google Cloud Certified

**Professional
Cloud
Architect**



P.S. Free & New Professional-Cloud-Architect dumps are available on Google Drive shared by Real4test:
https://drive.google.com/open?id=1i-n-LpVUA_SAx5ujxXE_0ki9PkrOqX9I

Our Professional-Cloud-Architect test material is known for their good performance and massive learning resources. In general, users pay great attention to product performance. After a long period of development, our Professional-Cloud-Architect research materials have a lot of innovation. And we also take the feedback of users who use the Google Certified Professional - Cloud Architect (GCP) exam guide materials seriously. Once our researchers find that these recommendations are possible to implement, we will try to refine the details of the Professional-Cloud-Architect Quiz guide. Our Professional-Cloud-Architect quiz guide has been seeking innovation and continuous development.

Passing the Google Professional-Cloud-Architect Certification Exam can help cloud architects to demonstrate their expertise and enhance their career prospects. Google Certified Professional - Cloud Architect (GCP) certification is recognized globally and can open up new opportunities in cloud architecture and design, as well as increase the earning potential of certified professionals.

Recommended Experience

Officially, there are no prerequisites to be fulfilled before taking-up the Google Professional Cloud Architect exam. Anyone who wants to polish their knowledge of Google Cloud and aim at an architect role can apply for it.

However, it is recommended to have a minimum of 3+ years of industry experience before anyone enrolls in the test. These should also include 1+ years of experience in designing solutions as well as managing them using GCP. Such a base will make the exam journey a bit more simplified.

>> Google Professional-Cloud-Architect Valid Test Labs <<

Real Professional-Cloud-Architect Torrent & Professional-Cloud-Architect Exam Dumps.zip

Whereas the Professional-Cloud-Architect PDF file is concerned this file is the collection of real, valid, and updated Google Professional-Cloud-Architect exam questions. You can use the Google Professional-Cloud-Architect PDF format on your desktop computer, laptop, tabs, or even on your smartphone and start Google Certified Professional - Cloud Architect (GCP) (Professional-Cloud-Architect) exam questions preparation anytime and anywhere.

Google Certified Professional - Cloud Architect (GCP) Sample Questions (Q106-Q111):

NEW QUESTION # 106

You are working in a highly secured environment where public Internet access from the Compute Engine VMs is not allowed. You do not yet have a VPN connection to access an on-premises file server. You need to install specific software on a Compute Engine

instance. How should you install the software?

- A. Upload the required installation files to Cloud Source Repositories and use firewall rules to block all traffic except the IP address range for Cloud Source Repositories. Download the files to the VM using gsutil.
- B. Upload the required installation files to Cloud Storage and use firewall rules to block all traffic except the IP address range for Cloud Storage. Download the files to the VM using gsutil.
- C. Upload the required installation files to Cloud Source Repositories. Configure the VM on a subnet with a Private Google Access subnet. Assign only an internal IP address to the VM. Download the installation files to the VM using gcloud.
- **D. Upload the required installation files to Cloud Storage. Configure the VM on a subnet with a Private Google Access subnet. Assign only an internal IP address to the VM. Download the installation files to the VM using gsutil.**

Answer: D

Explanation:

<https://cloud.google.com/vpc/docs/private-access-options#pga-supported>

NEW QUESTION # 107

You company has a Kubernetes application that pulls messages from Pub/Sub and stores them in Firestore.

Because the application is simple, it was deployed as a single pod. The infrastructure team has analyzed Pub/Sub metrics and discovered that the application cannot process the messages in real time. Most of them wait for minutes before being processed. You need to scale the elaboration process that is I/O-intensive.

What should you do?

- **A. Configure a Kubernetes autoscaling based on the subscription/push_request metric.**
- B. Use kubectl autoscale deployment APP_NAME -max 6 -min 2 -cpu-percent 50 to configure Kubernetes autoscaling deployment
- C. Use the -enable-autoscaling flag when you create the Kubernetes cluster
- D. Configure a Kubernetes autoscaling based on the subscription/num_undelivered message metric.

Answer: A

Explanation:

https://cloud.google.com/kubernetes-engine/docs/concepts/custom-and-external-metrics#external_metrics

NEW QUESTION # 108

Case Study: 5 - Dress4win

Company Overview

Dress4win is a web-based company that helps their users organize and manage their personal wardrobe using a website and mobile application. The company also cultivates an active social network that connects their users with designers and retailers. They monetize their services through advertising, e-commerce, referrals, and a freemium app model. The application has grown from a few servers in the founder's garage to several hundred servers and appliances in a collocated data center. However, the capacity of their infrastructure is now insufficient for the application's rapid growth. Because of this growth and the company's desire to innovate faster.

Dress4Win is committing to a full migration to a public cloud.

Solution Concept

For the first phase of their migration to the cloud, Dress4win is moving their development and test environments. They are also building a disaster recovery site, because their current infrastructure is at a single location. They are not sure which components of their architecture they can migrate as is and which components they need to change before migrating them.

Existing Technical Environment

The Dress4win application is served out of a single data center location. All servers run Ubuntu LTS v16.04.

Databases:

MySQL. 1 server for user data, inventory, static data:

- MySQL 5.8
- 8 core CPUs
- 128 GB of RAM
- 2x 5 TB HDD (RAID 1)

Redis 3 server cluster for metadata, social graph, caching. Each server is:

- Redis 3.2

- 4 core CPUs
- 32GB of RAM

Compute:

40 Web Application servers providing micro-services based APIs and static content.

- Tomcat - Java
- Nginx

- 4 core CPUs
- 32 GB of RAM

20 Apache Hadoop/Spark servers:

- Data analysis
- Real-time trending calculations
- 8 core CPUs
- 128 GB of RAM
- 4x 5 TB HDD (RAID 1)

3 RabbitMQ servers for messaging, social notifications, and events:

- 8 core CPUs
- 32GB of RAM

Miscellaneous servers:

- Jenkins, monitoring, bastion hosts, security scanners
- 8 core CPUs
- 32GB of RAM

Storage appliances:

iSCSI for VM hosts

Fiber channel SAN - MySQL databases

- 1 PB total storage; 400 TB available

NAS - image storage, logs, backups

- 100 TB total storage; 35 TB available

Business Requirements

Build a reliable and reproducible environment with scaled parity of production.

Improve security by defining and adhering to a set of security and Identity and Access

Management (IAM) best practices for cloud.

Improve business agility and speed of innovation through rapid provisioning of new resources.

Analyze and optimize architecture for performance in the cloud.

Technical Requirements

Easily create non-production environment in the cloud.

Implement an automation framework for provisioning resources in cloud.

Implement a continuous deployment process for deploying applications to the on-premises datacenter or cloud.

Support failover of the production environment to cloud during an emergency.

Encrypt data on the wire and at rest.

Support multiple private connections between the production data center and cloud environment.

Executive Statement

Our investors are concerned about our ability to scale and contain costs with our current infrastructure. They are also concerned that a competitor could use a public cloud platform to offset their up-front investment and free them to focus on developing better features. Our traffic patterns are highest in the mornings and weekend evenings; during other times, 80% of our capacity is sitting idle.

Our capital expenditure is now exceeding our quarterly projections. Migrating to the cloud will likely cause an initial increase in spending, but we expect to fully transition before our next hardware refresh cycle. Our total cost of ownership (TCO) analysis over the next 5 years for a public cloud strategy achieves a cost reduction between 30% and 50% over our current model.

For this question, refer to the Dress4Win case study. To be legally compliant during an audit, Dress4Win must be able to give insights in all administrative actions that modify the configuration or metadata of resources on Google Cloud.

What should you do?

- A. Use the Activity page in the GCP Console and Stackdriver Logging to provide the required insight.
- B. Enable Cloud Identity-Aware Proxy in all projects, and add the group of Administrators as a member.
- C. Use Stackdriver Monitoring to create a dashboard on the project's activity.

- D. Use Stackdriver Trace to create a trace list analysis.

Answer: A

NEW QUESTION # 109

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

Answer: A

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



TerramEarth'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, TerramEarth 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 to 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 tower 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 # 110

Your company provides a recommendation engine for retail customers. You are providing retail customers with an API where they can submit a user ID and the API returns a list of recommendations for that user. You are responsible for the API lifecycle and want to ensure stability for your customers in case the API makes backward-incompatible changes. You want to follow Google-recommended practices. What should you do?

- **A. Use a versioning strategy for the APIs that increases the version number on every backward-incompatible change.**
- B. Use a versioning strategy for the APIs that adds the suffix "DEPRECATED" to the current API version number on every backward-incompatible change. Use the current version number for the new API.
- C. Create a distribution list of all customers to inform them of an upcoming backward-incompatible change at least one month before replacing the old API with the new API.
- D. Create an automated process to generate API documentation, and update the public API documentation as part of the CI/CD process when deploying an update to the API.

Answer: A

NEW QUESTION # 111

.....

We have created a number of reports and learning functions for evaluating your proficiency for the Google Certified Professional - Cloud Architect (GCP) (Professional-Cloud-Architect) exam dumps. In preparation, you can optimize Google Certified Professional - Cloud Architect (GCP) (Professional-Cloud-Architect) practice exam time and question type by utilizing our Google Professional-Cloud-Architect Practice Test software. Real4test makes it easy to download Google Certified Professional - Cloud Architect (GCP) (Professional-Cloud-Architect) exam questions immediately after purchase.

Real Professional-Cloud-Architect Torrent: https://www.real4test.com/Professional-Cloud-Architect_real-exam.html

- 2025 Professional Professional-Cloud-Architect Valid Test Labs | Professional-Cloud-Architect 100% Free Real Torrent ☐ ☐ Easily obtain free download of Professional-Cloud-Architect ☐ by searching on ➡ www.dumpsquestion.com ☐ ☐ Free Professional-Cloud-Architect Learning Cram
- Instant Professional-Cloud-Architect Access ☐ Test Professional-Cloud-Architect Questions Fee ☐ Authorized Professional-Cloud-Architect Certification ☐ Search for ➡ Professional-Cloud-Architect ☐ on ✓ www.pdfvce.com ☐ ✓ ☐ immediately to obtain a free download ☐ Professional-Cloud-Architect Pass Guaranteed
- Reliable Professional-Cloud-Architect Test Topics ☐ Professional-Cloud-Architect Latest Braindumps Questions ☐ Authorized Professional-Cloud-Architect Certification ☐ Open ➡ www.exams4collection.com ⇐ enter "Professional-Cloud-Architect" and obtain a free download ☐ Professional-Cloud-Architect Test Testking
- Professional-Cloud-Architect Latest Dumps Book ☐ Authorized Professional-Cloud-Architect Certification ☐ Professional-Cloud-Architect Latest Dumps Book ☐ Open ▶ www.pdfvce.com ◀ enter 《 Professional-Cloud-Architect 》 and obtain a free download ☐ Free Professional-Cloud-Architect Learning Cram
- 2025 Professional-Cloud-Architect Valid Test Labs Pass Certify | Latest Real Professional-Cloud-Architect Torrent: Google Certified Professional - Cloud Architect (GCP) ☐ Enter ➡ www.real4dumps.com ☐ and search for "Professional-Cloud-Architect" to download for free ☐ Professional-Cloud-Architect Test Certification Cost
- Professional-Cloud-Architect Valid Test Labs - Pass Guaranteed Quiz 2025 First-grade Professional-Cloud-Architect: Real Google Certified Professional - Cloud Architect (GCP) Torrent ☐ Search for ➡ Professional-Cloud-Architect ☐ and

download it for free immediately on www.pdfvce.com ☐ ☐ Test Professional-Cloud-Architect Pattern

- Free PDF Google - Professional-Cloud-Architect - The Best Google Certified Professional - Cloud Architect (GCP) Valid Test Labs ☐ Search for ☐ Professional-Cloud-Architect ☐ and download exam materials for free through ☐ www.prep4away.com ☐ ☐ Exam Professional-Cloud-Architect Experience
- Free PDF Google - Professional-Cloud-Architect - The Best Google Certified Professional - Cloud Architect (GCP) Valid Test Labs ☐ Search for ☒ Professional-Cloud-Architect ☐ ☒ and obtain a free download on ☐ www.pdfvce.com ☐ ☐ Test Professional-Cloud-Architect Pattern
- Professional-Cloud-Architect Latest Braindumps Questions ☐ Test Professional-Cloud-Architect Pattern ☐ Exam Professional-Cloud-Architect Experience ☐ Open “www.pass4test.com” enter ☐ Professional-Cloud-Architect ☐ and obtain a free download ☐ Professional-Cloud-Architect Pass4sure Exam Prep
- Secrets To Pass Google Professional-Cloud-Architect Exam Successfully And Effectively ☐ The page for free download of ☐ Professional-Cloud-Architect ☐ on ☐ www.pdfvce.com ☐ will open immediately ☐ Professional-Cloud-Architect Pass Guaranteed
- Professional-Cloud-Architect study materials - Google Professional-Cloud-Architect dumps VCE ☐ Download 《 Professional-Cloud-Architect 》 for free by simply entering 「 www.actual4labs.com 」 website ☐ Professional-Cloud-Architect Exam Voucher
- www.fluxinwang.com, lms.ait.edu.za, www.wcs.edu.eu, benward394.theblogfairy.com, ennglish.com, knowislamnow.org, tedcole945.dailyblogzz.com, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, www.stes.tyc.edu.tw, elearning.eauqardho.edu.so, Disposable vapes

2025 Latest Real4test Professional-Cloud-Architect PDF Dumps and Professional-Cloud-Architect Exam Engine Free Share:
https://drive.google.com/open?id=1i-nLpVUA_SAx5ujxXE_0ki9PkrOqX9I