

# Reliable Professional-Cloud-Developer Test Syllabus - Professional-Cloud-Developer Valid Exam Testking



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## Building & Testing Apps

- **Building:** It covers the skills in managing source control, improving and reviewing continuous efficiency in the integration pipeline, as well as creating different secure container images through code.
- **Testing:** Here, an applicant needs to have the skills in unit testing, performance testing, integration testing, and load testing.
- **Set up a Local Development Environment:** This subsection measures your skills in creating different Google Cloud projects, using developing tools and command-line interfaces, Cloud Shell tools, and Google Cloud Console, as well as imitating Google Cloud services for the development of the local application.
- **Write Efficient Code:** The potential candidates should understand algorithm design, software development methodologies, modern app patterns, and debugging & profiling code.

Earning the Google Professional-Cloud-Developer Certification can be a significant career milestone for developers. It demonstrates

to employers and clients that the individual has the skills and knowledge needed to develop cloud-based solutions on the Google Cloud Platform. It can also open up new job opportunities and increase earning potential.

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## **Reliable Professional-Cloud-Developer Test Syllabus Exam | Best Way to Pass Google Professional-Cloud-Developer**

To provide ease and accessibility, PDFBraindumps offers Google Professional-Cloud-Developer exam questions in PDF format. This format is easy to understand, and you can download the Professional-Cloud-Developer exam questions pdf file on all smart devices. You can prepare for the Google Certified Professional - Cloud Developer (Professional-Cloud-Developer) exam anytime, anywhere using PDFBraindumps Professional-Cloud-Developer exam dumps.

Google Professional-Cloud-Developer Certification Exam is a valuable credential for cloud developers who want to validate their skills and knowledge in building and deploying applications on the Google Cloud Platform. As the demand for cloud developers continues to grow, this certification can help developers stand out in a competitive job market and advance their careers.

### **Google Certified Professional - Cloud Developer Sample Questions (Q14-Q19):**

#### **NEW QUESTION # 14**

You are developing an application that reads credit card data from a Pub/Sub subscription. You have written code and completed unit testing. You need to test the Pub/Sub integration before deploying to Google Cloud. What should you do?

- A. Create a service to publish messages, and deploy the Pub/Sub emulator. Generate random content in the publishing service, and publish to the emulator.
- B. Create a service to publish messages to your application. Collect the messages from Pub/Sub in production, and replay them through the publishing service.
- C. **Create a service to publish messages, and deploy the Pub/Sub emulator. Publish a standard set of testing messages from the publishing service to the emulator.**
- D. Create a service to publish messages, and deploy the Pub/Sub emulator. Collect the messages from Pub/Sub in production, and publish them to the emulator.

**Answer: C**

#### **NEW QUESTION # 15**

Your team is developing a Cloud Function triggered by Cloud Storage Events. You want to accelerate testing and development of your Cloud Function while following Google-recommended best practices. What should you do?

- A. Make a copy of the Cloud Function in the Google Cloud Console Use the Cloud console's in-line editor to make source code changes to the new function. Modify your web application to call the new function and test the new version in production.
- B. Create a new Cloud Function that is triggered when Cloud Audit Logs detects the cloudfunctions. functions. sourceCodeSet operation in the original Cloud Function. Send mock requests to the new function to evaluate the functionality.
- C. Make a copy of the Cloud Function, and rewrite the code to be HTTP-triggered. Edit and test the new version by triggering the HTTP endpoint. Send mock requests to the new function to evaluate the functionality.
- D. **Install the Functions Frameworks library, and configure the Cloud Function on localhost. Make a copy of the function, and make edits to the new version. Test the new version using curl.**

**Answer: D**

#### **NEW QUESTION # 16**

Your application requires service accounts to be authenticated to GCP products via credentials stored on its host Compute Engine virtual machine instances. You want to distribute these credentials to the host instances as securely as possible. What should you do?

- A. Generate a P12 file from the GCP Console after the instance is deployed, and copy the credentials to the host instance before starting the application.
- B. Commit the credential JSON file into your application's source repository, and have your CI/CD process package it with the software that is deployed to the instance.
- **C. Use the instance's service account Application Default Credentials to authenticate to the required resources.**
- D. Use HTTP signed URLs to securely provide access to the required resources.

**Answer: C**

Explanation:

Explanation/Reference: <https://cloud.google.com/compute/docs/api/how-tos/authorization>

### NEW QUESTION # 17

Your website is deployed on Compute Engine. Your marketing team wants to test conversion rates between 3 different website designs.

Which approach should you use?

- A. Deploy the website on Cloud Functions and use traffic splitting.
- **B. Deploy the website on App Engine and use traffic splitting.**
- C. Deploy the website on App Engine as three separate services.
- D. Deploy the website on Cloud Functions as three separate functions.

**Answer: B**

Explanation:

Reference:

<https://cloud.google.com/appengine/docs/standard/python/splitting-traffic>

### NEW QUESTION # 18

Your ecommerce application has a rapidly growing user base, and it is experiencing performance issues due to excessive requests to your backend API. Your team develops and manages this API. The Cloud SQL backend database is struggling to handle the high demand, leading to latency and timeouts. You need to implement a solution that optimizes API performance and improves user experience. What should you do?

- A. Use Cloud Load Balancing to expose your API. Increase the memory for the database instances to handle more concurrent requests. Implement a custom rate-limiting mechanism in your application code to control API requests.
- **B. Use Apigee to expose your API. Use Memorystore for Redis to cache frequently accessed data. Implement exponential backoff in the application to retry failed requests.**
- C. Use Cloud Load Balancing to expose your API. Use Cloud CDN in front of the load balancer to cache responses. Implement exponential backoff to retry failed requests.
- D. Use Apigee to expose your API. Implement rate limiting and access control policies in Apigee to control API traffic. Use Pub/Sub to queue requests to prevent database overload.

**Answer: B**

Explanation:

<https://cloud.google.com/sql/docs/mysql/admin-api/how-tos/performance>

### NEW QUESTION # 19

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