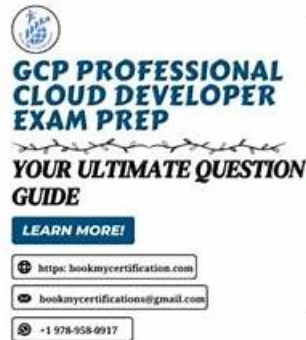


# Professional-Cloud-Developer Exam Questions Preparation Material By CramPDF

## GCP Professional Cloud Developer Exam Prep: Your Ultimate Question Guide



Are you ready to elevate your career in cloud development to new heights? The Google Cloud Professional Cloud Developer (GCP PCD) exam is a crucial step in proving your expertise in designing, building, and managing scalable and highly available solutions on the Google Cloud Platform. In this comprehensive guide, we'll delve into the key aspects of exam preparation, focusing on the invaluable resource: [GCP PCD Exam Practice Questions](#)

### Understanding the GCP PCD Exam

Before diving into the practice questions, let's briefly understand what the GCP PCD exam entails. This certification is designed for professionals who design, develop, and manage robust GCP solutions. It assesses your ability to design and plan the architecture of cloud solutions, manage and provision the cloud infrastructure, and ensure solution and operation reliability.

### Why do practice questions matter?

- 1. Exam Simulation:** Practice questions simulate the exam environment, allowing you to get comfortable with the format, time constraints, and the overall structure of the test.
- 2. Identifying Knowledge Gaps:** By attempting a variety of practice questions, you can identify areas where you need to strengthen your understanding. This targeted approach ensures that you focus your study time on the topics that matter most.

P.S. Free 2026 Google Professional-Cloud-Developer dumps are available on Google Drive shared by CramPDF: <https://drive.google.com/open?id=1UY3cGkhwqYx4JArPvuFFbH5ZPHmgYs09>

The Professional-Cloud-Developer prep torrent we provide will cost you less time and energy. You only need relatively little time to review and prepare. After all, many people who prepare for the Professional-Cloud-Developer exam, either the office workers or the students, are all busy. But the Professional-Cloud-Developer test prep we provide are compiled elaborately and it makes you use less time and energy to learn and provide the Professional-Cloud-Developer Study Materials of high quality and seizes the focus the Professional-Cloud-Developer exam. It lets you master the most information and costs you the least time and energy.

Google Professional-Cloud-Developer Certification is a valuable credential that can help developers stand out in the job market. Google Certified Professional - Cloud Developer certification validates the candidate's skills in cloud application development and demonstrates their commitment to staying up-to-date with the latest cloud technologies. Google Certified Professional - Cloud Developer certification can also increase the candidate's earning potential and open up new career opportunities.

>> **Valid Test Professional-Cloud-Developer Tips** <<

## Actual Professional-Cloud-Developer Tests & New Professional-Cloud-Developer Test Book

By gathering, analyzing, filing essential contents into our Professional-Cloud-Developer training quiz, our professional experts have helped more than 98 percent of exam candidates pass the exam effortlessly and efficiently. You can find all messages you want to learn related with the exam in our Professional-Cloud-Developer practice engine. Any changes taking place in the environment and forecasting in the next Professional-Cloud-Developer Exam will be compiled earlier by them. About necessary or difficult questions, they left relevant information for you. You can just have a try on our Professional-Cloud-Developer free demo to check the quality.

## Google Professional-Cloud-Developer Exam Syllabus Topics:

Topic	Details
Topic 1	<ul style="list-style-type: none"> <li>• Employing Applications And Services On Compute Engine</li> <li>• Deploying An Application To App Engine</li> </ul>
Topic 2	<ul style="list-style-type: none"> <li>• Integrating An Application With Data And Storage Services</li> <li>• Writing An SQL Query To Retrieve Data From Relational Databases</li> </ul>
Topic 3	<ul style="list-style-type: none"> <li>• Designing Highly Scalable, Available, And Reliable Cloud-Native Applications</li> <li>• Geographic Distribution Of Google Cloud Services</li> </ul>
Topic 4	<ul style="list-style-type: none"> <li>• Google-Recommended Practices And Documentation</li> <li>• Deploying And Securing An API With Cloud Endpoints</li> </ul>
Topic 5	<ul style="list-style-type: none"> <li>• Reviewing Test Results Of Continuous Integration Pipeline</li> <li>• Developing Unit Tests For All Code Written</li> </ul>
Topic 6	<ul style="list-style-type: none"> <li>• Configuring Compute Services Network Settings</li> <li>• Configuring A Cloud Pub</li> <li>• Sub Push Subscription To Call An Endpoint</li> </ul>
Topic 7	<ul style="list-style-type: none"> <li>• Operating System Versions And Base Runtimes Of Services</li> <li>• Oogle-Recommended Practices And Documentation</li> </ul>
Topic 8	<ul style="list-style-type: none"> <li>• Launching A Compute Instance Using GCP Console And Cloud SDK</li> <li>• Creating An Autoscaled Managed Instance Group Using An Instance Template</li> </ul>
Topic 9	<ul style="list-style-type: none"> <li>• Defining Database Schemas For Google-Managed Databases</li> <li>• Re-Architecting Applications From Local Services To Google Cloud Platform</li> </ul>
Topic 10	<ul style="list-style-type: none"> <li>• Implementing Appropriate Deployment Strategies Based On The Target Compute Environment</li> <li>• Creating A Load Balancer For Compute Engine Instances</li> </ul>
Topic 11	<ul style="list-style-type: none"> <li>• Deploying Applications And Services On Google Kubernetes Engine</li> <li>• Deploying Applications And Services On Google Kubernetes Engine</li> </ul>
Topic 12	<ul style="list-style-type: none"> <li>• Setting Up Your Development Environment, Considerations</li> <li>• Building And Testing Applications</li> </ul>
Topic 13	<ul style="list-style-type: none"> <li>• Automating Resource Provisioning With Deployment Manager</li> <li>• Creating An Instance With A Startup Script That Installs Software</li> </ul>
Topic 14	<ul style="list-style-type: none"> <li>• Security Mechanisms That Protect Services And Resources</li> <li>• Choosing Data Storage Options Based On Use Case Considerations</li> </ul>
Topic 15	<ul style="list-style-type: none"> <li>• Publishing And Consuming From Data Ingestion Sources</li> <li>• Authenticating Users By Using Oauth2 Web Flow And Identity Aware Proxy</li> </ul>
Topic 16	<ul style="list-style-type: none"> <li>• Defining A Key Structure For High Write Applications Using Cloud Storage</li> <li>• Using Cloud Storage To Run A Static Website</li> </ul>

- Developing An Integration Pipeline Using Services
- Emulating GCP Services For Local Application Development

To be eligible to take the Google Professional-Cloud-Developer Certification Exam, individuals must have experience in developing applications on the Google Cloud Platform. This includes experience with languages such as Java, Python, and Node.js, as well as experience with cloud computing concepts such as scalability, reliability, and security. Additionally, individuals must have a strong understanding of software development methodologies and best practices, including agile development and continuous integration/continuous deployment (CI/CD).

## Google Certified Professional - Cloud Developer Sample Questions (Q275-Q280):

### NEW QUESTION # 275

You are designing an application that consists of several microservices. Each microservice has its own RESTful API and will be deployed as a separate Kubernetes Service. You want to ensure that the consumers of these APIs aren't impacted when there is a change to your API, and also ensure that third-party systems aren't interrupted when new versions of the API are released. How should you configure the connection to the application following Google-recommended best practices?

- A. Use multiple clusters, and use DNS entries to route requests to separate versioned backends.
- B. Leverage a Service Discovery system, and connect to the backend specified by the request.
- C. Use an Ingress that uses the API's URL to route requests to the appropriate backend.
- D. Combine multiple versions in the same service, and then specify the API version in the POST request.

**Answer: C**

Explanation:

[https://cloud.google.com/kubernetes-engine/docs/concepts/ingress#deprecated\\_annotation](https://cloud.google.com/kubernetes-engine/docs/concepts/ingress#deprecated_annotation)

[https://cloud.google.com/kubernetes-engine/docs/concepts/ingress#features\\_of\\_https\\_load\\_balancing](https://cloud.google.com/kubernetes-engine/docs/concepts/ingress#features_of_https_load_balancing)

### NEW QUESTION # 276

You are developing an HTTP API hosted on a Compute Engine virtual machine instance that needs to be invoked by multiple clients within the same Virtual Private Cloud (VPC). You want clients to be able to get the IP address of the service. What should you do?

- A. Ensure that clients use Compute Engine internal DNS by connecting to the instance name with the url `https://[INSTANCE_NAME].[ZONE].c.[PROJECT_ID].internal/`.
- B. Reserve a static external IP address and assign it to an HTTP(S) load balancing service's forwarding rule. Then, define an A record in Cloud DNS. Clients should use the name of the A record to connect to the service.
- C. Reserve a static external IP address and assign it to an HTTP(S) load balancing service's forwarding rule. Clients should use this IP address to connect to the service.
- D. Ensure that clients use Compute Engine internal DNS by connecting to the instance name with the url `https://[API_NAME]/[API_VERSION]/`.

**Answer: D**

### NEW QUESTION # 277

You are planning to deploy your application in a Google Kubernetes Engine (GKE) cluster. The application exposes an HTTP-based health check at `/healthz`. You want to use this health check endpoint to determine whether traffic should be routed to the pod by the load balancer.

Which code snippet should you include in your Podconfiguration?

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

**Answer: B**

Explanation:

For the GKE ingress controller to use your readinessProbes as health checks, the Pods for an Ingress must exist at the time of Ingress creation. If your replicas are scaled to 0, the default health check will apply.

#### NEW QUESTION # 278

Your App Engine standard configuration is as follows:

service: production

instance\_class: B1

You want to limit the application to 5 instances.

Which code snippet should you include in your configuration?

- A. manual\_scaling:  
max\_instances: 5  
idle\_timeout: 10m
- B. manual\_scaling:  
instances: 5  
min\_pending\_latency: 30ms
- C. basic\_scaling:  
max\_instances: 5  
idle\_timeout: 10m
- D. basic\_scaling:  
instances: 5  
min\_pending\_latency: 30ms

**Answer: C**

Explanation:

<https://cloud.google.com/appengine/docs/standard/python/how-instances-are-managed> A service with basic scaling is configured by setting the maximum number of instances in the max\_instances parameter of the basic\_scaling setting. The number of live instances scales with the processing volume.

#### NEW QUESTION # 279

Your infrastructure team is responsible for creating and managing Compute Engine VMs. Your team uses the Google Cloud console and gcloud CLI to provision resources for the development environment. You need to ensure that all Compute Engine VMs are labeled correctly for compliance reasons. In case of missing labels, you need to implement corrective actions so the labels are configured accordingly without changing the current deployment process. You want to use the most scalable approach. What should you do?

- A. Check all Compute Engine VMs for missing labels regularly. Use the console to assign the labels.
- B. Use a Cloud Audit Logs trigger to invoke a Cloud Run function when a Compute Engine VM is created. Check for missing labels and assign them if necessary.
- C. Write a script to check all Compute Engine VMs for missing labels regularly by using Cloud Scheduler. Use the script to assign the labels.
- D. Deploy resources with Terraform. Use the gcloud terraform vet command with a policy to ensure that every Compute Engine VM that is provisioned by Terraform has labels set.

**Answer: B**

Explanation:

<https://cloud.google.com/architecture/single-zone-deployment-compute-engine>

#### NEW QUESTION # 280

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