

Google GCP-PCDE Study Guide PDF

**GRAB THE GOOGLE PROFESSIONAL CLOUD DATABASE ENGINEER
CERTIFICATION PDF QUESTIONS & ANSWERS**

Exam Summary – Syllabus – Questions

GCP-PCDE

Google Cloud Platform - Professional Cloud Database Engineer (GCP-PCDE)

50-60 Questions Exam – 70% Cut Score – Duration of 120 minutes

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Table of Contents

Get an Overview of the GCP-PCDE Certification:	3
Why Should You Earn the Google GCP-PCDE Certification?	3
What Is the Google GCP-PCDE Professional Cloud Database Engineer Certification Exam Structure?	3
Enhance Knowledge with GCP-PCDE Sample Questions:	4
What Study Guide Works Best in Acing the Google GCP-PCDE Professional Cloud Database Engineer Certification?	7
Explore the Syllabus Topics and Learn from the Core:	7
Make Your Schedule:	8
Get Expert Advice from the Training:	8
Get Access to the PDF Sample Questions:	8
Avoid Dumps and Utilize the Google GCP-PCDE Practice Test:	8

Get an Overview of the GCP-PCDE Certification:

Who should take the [GCP-PCDE exam](#)? This is the first question that comes to a candidate's mind when preparing for the Professional Cloud Database Engineer certification. The GCP-PCDE certification is suitable for candidates who are keen to earn knowledge on the Professional and grab their Google Cloud Platform - Professional Cloud Database Engineer (GCP-PCDE). When it is about starting the preparation, most candidates get confused regarding the study materials and study approach. But GCP-PCDE study guide PDF is here to solve the problem. GCP-PCDE PDF combines some effective sample questions and offers valuable tips to pass the exam with ease.

Why Should You Earn the Google GCP-PCDE Certification?

There are several reasons why one should grab the GCP-PCDE certification.

- The Professional Cloud Database Engineer certification proves to be one of the most recognized certifications.
- The certification badge proves the knowledge of the candidate regarding subject matters and makes his resume presentable to potential candidates.
- Thus earning the [Google Cloud Platform - Professional Cloud Database Engineer \(GCP-PCDE\)](#) is a powerful qualification for a prosperous career.

What Is the Google GCP-PCDE Professional Cloud Database Engineer Certification Exam Structure?

Exam Name	Google Professional Cloud Database Engineer
Exam Code	Professional Cloud Database Engineer
Exam Price	\$200 USD
Duration	120 minutes
Number of Questions	50-60
Passing Score	Pass / Fail (Approx 70%)

Recommended Training / Books	Google Cloud documentation Google Cloud solutions
Schedule Exam	Google Cloud Webassessor
Sample Questions	Google GCP-PCDE Sample Questions
Recommended Practice	Google Cloud Platform - Professional Cloud Database Engineer (GCP-PCDE) Practice Test

Enhance Knowledge with GCP-PCDE Sample Questions:

Question: 1

You are building a mobile application that allows end users to upload images. These images need to go through a series of processing steps, including converting to black and white, cropping, and other editing. Your mobile application has a feature that allows end users to notify their followers when they edit images.

You want to create a scalable solution with minimal effort and cost. What should you do?

- a) Use Firebase and Compute Engine.
- b) Use Cloud Spanner and Cloud Run.
- c) Use Bigtable and Cloud Functions for Firebase.
- d) Use Firebase and Cloud Functions for Firebase.

Answer: d

Question: 2

You are creating an application that uses a Cloud SQL database in the backend. The database is installed in a single zone. You need to design a reliable database architecture to ensure high availability (HA). What should you do?

- a) Create two separate instances of the database in different regions, and write to each of them separately and simultaneously.
- b) Create two separate instances of the database in different zones, and write to each of them separately and simultaneously.
- c) Configure an instance for high availability, and fail over to the HA instance if there is a zonal failure.
- d) Use Cloud Scheduler to create a new database instance in another zone from a backup if there is an instance failure.

Answer: c

Question: 3

Analysts in your company have raised concerns about performance and failed queries from the most recent Thursday to Monday. You look at the logs on Tuesday and discover nearly 50 "deadlock detected" errors.

In the future, you want to take a more proactive approach to discovering database issues. What should you do?

- a) Export the logs daily to BigQuery, and run a search for "deadlock detected" on the data.
- b) Create a Cloud Monitoring metric with "deadlock detected" as the text payload, and set notifications based on it.
- c) Create a Cloud Monitoring dashboard, and watch for any issues related to congestion that could indicate a deadlock.
- d) Write a Cloud Function to poll the database logs for "deadlock detected" errors, and schedule the Cloud Function to run every hour on Cloud Scheduler.

Answer: b

Question: 4

Each developer and tester has an individual Cloud SQL instance for their own learning and experimenting use. The team works from Monday morning to Friday evening. You want to reduce expenditure on Cloud SQL instances with minimal effort. What should you do?

- a) Configure high availability for the Cloud SQL instances, and then configure a maintenance window for the Cloud SQL instances.
- b) Write a Cloud Function to start and stop the Cloud SQL instances, and use Cloud Scheduler to call the function as required.
- c) Create a virtual machine (VM) on Compute Engine, and create a cron job to schedule the start and stop of the Cloud SQL instances.
- d) Configure a read replica of each independent Cloud SQL instance, and then configure a maintenance window for the Cloud SQL instances.

Answer: b

Question: 5

Approximately 5 TB of data is collected daily in Amazon Simple Storage Service (S3). You want to transfer the data daily into Cloud Storage before importing the data into Cloud SQL. You need a reliable solution that takes minimal effort. What should you do?

- a) Configure Storage Transfer Service to perform recurring transfers.
- b) Configure Cloud Scheduler to run a gsutil job daily to copy the data.
- c) Download the data to a local machine, and then use Transfer Appliance.
- d) Configure Cloud Scheduler to run a Cloud Function daily to copy the data.

Answer: a

Question: 6

You have a Cloud SQL instance serving production workloads. Previously, your customers have noticed non-availability issues during maintenance events. You want to minimize the impact of such maintenance issues in the future. What should you do ?

(Choose two)

- a) Use connection pools.
- b) Use exponential backoff.
- c) Set the order of update to Later.
- d) Remove the maintenance window.
- e) Opt in to maintenance notifications.

Answer: a, b

Question: 7

A Dedicated Interconnect connection exists between your on-premises network and a nearby Google Cloud region. A Bare Metal Solution for Oracle machine has been set up in another region. You want to use the Bare Metal machine's IP address to connect to the Oracle database. What should you do?

- a) In your VPC network, set the dynamic routing mode to global.
- b) In your VPC network, set the dynamic routing mode to regional.
- c) In your VPC network, add a VPC peering connection between the two regions.
- d) In your VPC network, add a high availability VPN connection between the two regions.

Answer: a

Question: 8

You need to export a large Cloud SQL for PostgreSQL instance. The databases in the instance are used heavily in production, and export time is not a concern. You want to conduct the export operation without affecting the performance of the database. What should you do?

- a) Use Datastream.
- b) Use serverless export.
- c) Use Database Migration Service.
- d) Use Cloud SQL in high availability (HA) mode.

Answer: b

Question: 9

The security policy for a Cloud SQL database dictates that it should only be accessed from VPC networks within Google Cloud. You do not want to enable a public IP address for this instance. What should you do?

- a) Configure your VPC with a firewall rule to allow the database's port.
- b) Configure authorized networks CIDR with an internal subnet.
- c) Configure your VPC with a firewall rule to allow HTTP(S).
- d) Configure private services access in your VPC.

Answer: d**Question: 10**

You migrated your on-premises MySQL instances to Cloud SQL on Google Cloud. The instances have been functioning as expected for the past six months. You need to optimize costs. What should you do?

- a) Review past logs in Cloud Logging to plan virtual machine (VM) resources.
- b) Apply the recommendations from the Cloud SQL overprovisioned recommender.
- c) Use Query Insights to identify query performance and plan VM resources accordingly.
- d) Review utilization on Cloud Monitoring dashboards to plan VM resources.

Answer: b

What Study Guide Works Best in Acing the Google GCP-PCDE Professional Cloud Database Engineer Certification?

The GCP-PCDE study guide is a combination of some proven study tips and the combination of all valuable study materials like sample questions, syllabus and practice tests in one place.

Explore the Syllabus Topics and Learn from the Core:

If you are determined to earn success in the Professional Cloud Database Engineer exam, getting in full touch of the [syllabus](#) is mandatory. During preparation, you might not like all syllabus sections or topics, but try to get at least the fundamental knowledge from the sections you don't like. The more you possess knowledge on all syllabus sections, the more is the chance to attempt maximum number of questions during the actual exam.

Make Your Schedule:

Studying and completing the syllabus becomes easier, if you work on the syllabus topics after making a schedule. Your syllabus must mention what areas you want to cover and within what time. Once you make a schedule and follow it regularly, syllabus completion becomes easier and preparation becomes smoother.

Get Expert Advice from the Training:

Do not forget to join the Google GCP-PCDE training if it is providing any. Training enhances the practical knowledge of a candidate, which helps them to work well in the practical field during projects.

Get Access to the PDF Sample Questions:

If your study material is in a [PDF format](#) or the materials are mobile-friendly, what could be better than that? Get access to the free sample questions and keep enhancing your knowledge beyond the syllabus.

Avoid Dumps and Utilize the Google GCP-PCDE Practice Test:

Why should you rely on practice tests? The reason is simple: you must get familiar with the exam pattern before reaching the exam hall. An aspirant aware of the exam structure and time management during the exam preparation can perform well in the actual exam and attempt the maximum number of questions during the exam.

Many aspirants prefer to read from dumps, but they miss out on the self assessment method. Therefore, GCP-PCDE practice tests always stand out to be the better choice than dumps PDF.

Avail the Proven GCP-PCDE Practice Test for Success!!!

Do you want to pass the GCP-PCDE exam on your first attempt? Stop worrying; we, VMExam.com are here to provide you the best experience during your Google Professional Cloud Database Engineer preparation. Try out our free mock tests to get a glimpse of our quality study materials, and build your confidence with the premium [GCP-PCDE practice tests](#). Our expert-designed questions help you to improve performance and pass the exam on your first attempt.