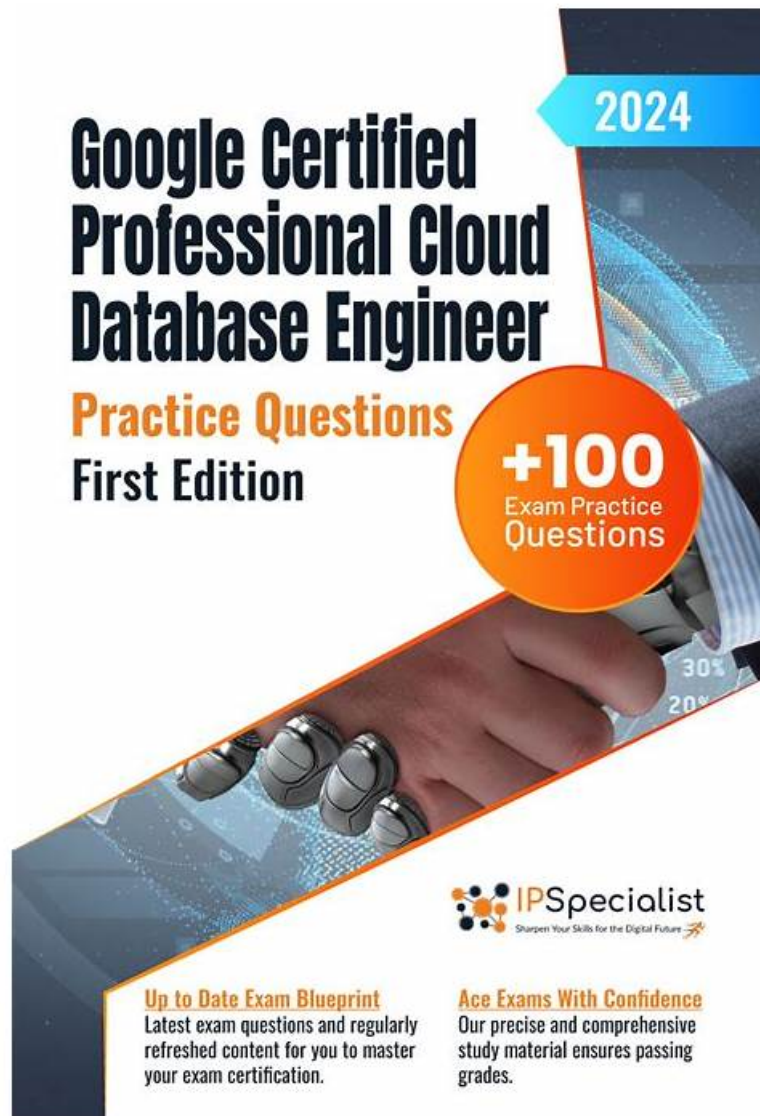


# Pass Guaranteed Quiz Professional-Cloud-Database-Engineer - Reliable Pdf Google Cloud Certified - Professional Cloud Database Engineer Dumps



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To prepare for the Google Professional-Cloud-Database-Engineer Certification Exam, candidates should have experience in designing and managing databases. They should also have a deep understanding of database concepts such as data modeling, normalization, indexing, and optimization. Candidates must also have experience in using Google Cloud Platform services such as Cloud SQL, Cloud Spanner, and Cloud Bigtable.

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# Professional-Cloud-Database-Engineer Reliable Test Questions, Reliable Professional-Cloud-Database-Engineer Test Blueprint

As the leader in this career, we always adhere to the principle of “mutual development and benefit”, and we believe our Professional-Cloud-Database-Engineer practice materials can give you a timely and effective helping hand whenever you need in the process of learning. With our Professional-Cloud-Database-Engineer exam questions for 20 to 30 hours, you will find that you can pass the exam with confidence. Tens of thousands of our customers have tested that our pass rate of the Professional-Cloud-Database-Engineer study braindumps is high as 98% to 100%, which is unmatched on the market!

To become a Google Cloud Certified - Professional Cloud Database Engineer, candidates must pass a two-hour exam that consists of multiple-choice and multiple-select questions. Professional-Cloud-Database-Engineer Exam covers a wide range of topics, including database architecture, data modeling, data processing, data security, database migration, and performance tuning. Candidates are required to have hands-on experience with Google Cloud Platform and database technologies, as well as a deep understanding of SQL and NoSQL databases. Google Cloud Certified - Professional Cloud Database Engineer certification is ideal for individuals who work as database administrators, database engineers, or data architects and want to demonstrate their proficiency in managing database solutions on Google Cloud.

## Google Cloud Certified - Professional Cloud Database Engineer Sample Questions (Q111-Q116):

### NEW QUESTION # 111

You work in the logistics department. Your data analysis team needs daily extracts from Cloud SQL for MySQL to train a machine learning model. The model will be used to optimize next-day routes. You need to export the data in CSV format. You want to follow Google-recommended practices. What should you do?

- A. Use Cloud Scheduler to trigger a Cloud Function through Pub/Sub to call the `cloudsqlinstances.export` API.
- B. Use Cloud Composer to orchestrate an export by calling the `cloudsqlinstances.export` API.
- C. Use Cloud Scheduler to trigger a Cloud Function that will run a `select * from table(s)` query to call the `cloudsqlinstances.export` API.
- D. Use Cloud Composer to execute a `select * from table(s)` query and export results.

**Answer: A**

Explanation:

<https://cloud.google.com/blog/topics/developers-practitioners/scheduling-cloud-sql-exports-using-cloud-functions-and-cloud-scheduler>

### NEW QUESTION # 112

You host an application in Google Cloud. The application is located in a single region and uses Cloud SQL for transactional data. Most of your users are located in the same time zone and expect the application to be available 7 days a week, from 6 AM to 10 PM. You want to ensure regular maintenance updates to your Cloud SQL instance without creating downtime for your users. What should you do?

- A. Create your database with one primary node and one read replica in the region.
- B. Configure a maintenance window during a period when no users will be on the system. Control the order of update by setting non-production instances to earlier and production instances to later.
- C. Enable maintenance notifications for users, and reschedule maintenance activities to a specific time after notifications have been sent.
- D. Configure your Cloud SQL instance with high availability enabled.

**Answer: B**

Explanation:

Configure a maintenance window during a period when no users will be on the system. Control the order of update by setting non-production instances to earlier and production instances to later.

### NEW QUESTION # 113

Your company is migrating the existing infrastructure for a highly transactional application to Google Cloud. You have several

databases in a MySQL database instance and need to decide how to transfer the data to Cloud SQL. You need to minimize the downtime for the migration of your 500 GB instance. What should you do?

- A. Create a Cloud SQL for MySQL instance for your databases, and configure Datastream to stream your database changes to Cloud SQL.  
Select the Backfill historical data check box on your stream configuration to initiate Datastream to backfill any data that is out of sync between the source and destination.  
Delete your stream when all changes are moved to Cloud SQL for MySQL, and update your application to use the new instance.
- B. Create migration job using Database Migration Service.  
Set the migration job type to Continuous, and allow the databases to complete the full dump phase and start sending data in change data capture (CDC) mode.  
Wait for the replication delay to minimize, initiate a promotion of the new Cloud SQL instance, and wait for the migration job to complete.  
Update your application connections to the new instance.
- C. Use the mysqldump utility to manually initiate a backup of MySQL during the application maintenance window.  
Move the files to Cloud Storage, and import each database into your Cloud SQL instance.  
Continue to dump each database until all the databases are migrated.  
Update your application connections to the new instance.
- D. Create migration job using Database Migration Service.  
Set the migration job type to One-time, and perform this migration during a maintenance window.  
Stop all write workloads to the source database and initiate the dump. Wait for the dump to be loaded into the Cloud SQL destination database and the destination database to be promoted to the primary database.  
Update your application connections to the new instance.

**Answer: B**

Explanation:

<https://cloud.google.com/datastream/docs/overview>.

#### NEW QUESTION # 114

You are managing a small Cloud SQL instance for developers to do testing. The instance is not critical and has a recovery point objective (RPO) of several days. You want to minimize ongoing costs for this instance. What should you do?

- A. Turn on automated backup, and turn on transaction log retention.
- B. Take no backups, and turn off transaction log retention.
- C. Take one manual backup per day, and turn off transaction log retention.
- D. Turn on automated backup, and turn off transaction log retention.

**Answer: C**

#### NEW QUESTION # 115

Your project is using Bigtable to store data that should not be accessed from the public internet under any circumstances, even if the requestor has a valid service account key. You need to secure access to this data.

What should you do?

- A. Use customer-managed encryption keys (CMEK).
- B. Use VPC Service Controls to create a trusted network for the Bigtable service.
- C. Use Google Cloud Armor to add IP addresses to an allowlist.
- D. Use Identity and Access Management (IAM) for Bigtable access control.

**Answer: B**

Explanation:

"Users can define a security perimeter around Google Cloud resources such as Cloud Storage buckets, Bigtable instances, and BigQuery datasets to constrain data within a VPC and control the flow of data."

<https://cloud.google.com/vpc-service-controls>

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