



Professional Cloud Developer

v2309

Quiz questions*

Google Cloud Compute and Storage

** These are for practice only and are not actual exam questions*

Question: Which Google Cloud service is best suited for running a legacy application with specific licensing, OS, kernel, or networking requirements?

- A. Compute Engine
- B. Cloud Run
- C. Google Kubernetes Engine
- D. Cloud Functions

Question: Which Google Cloud service is best suited for deploying a containerized application in a programming language of your choice with HTTP/s and websocket support

- A. Compute Engine
- B. Cloud Run
- C. Google Kubernetes Engine
- D. Cloud Functions

Question: Which Google Cloud service is best suited for running code that performs an action based on an event/trigger from Pub/Sub or Cloud Storage?

- A. Compute Engine
- B. Cloud Run
- C. Google Kubernetes Engine
- D. Cloud Functions

Question: Which Google Cloud service provides a fully managed serverless platform that runs individual containers?

- A. Compute Engine
- B. Cloud Run
- C. Google Kubernetes Engine
- D. Cloud Functions

Question: Which Google Cloud service is best suited for running workloads that require a specific OS and need full control over the container down to the nodes?

- A. Compute Engine
- B. Cloud Run
- C. Google Kubernetes Engine
- D. Cloud Functions

Question: Which Google Cloud service is best suited for running a stateless HTTP application that needs to scale quickly and automatically?

- A. Compute Engine
- B. Cloud Run
- C. Google Kubernetes Engine
- D. Cloud Functions

Question: Which Google Cloud service is best suited for running a complex, multi-tiered application that requires advanced networking and configuration?

- A. Compute Engine
- B. Cloud Run
- C. Google Kubernetes Engine
- D. Cloud Functions

Question: Which Google Cloud service is best suited for running a lightweight, event-driven, single-purpose function that responds to cloud events?

- A. Compute Engine
- B. Cloud Run
- C. Google Kubernetes Engine
- D. Cloud Functions

Question: Which Google Cloud service is best suited for storing and analyzing large datasets for machine learning and analytics?

- A. Cloud Storage
- B. Cloud SQL
- C. Cloud Spanner
- D. BigQuery

Question: If you need a fully managed, relational database service for MySQL and PostgreSQL, which Google Cloud service should you use?

- A. Cloud Storage
- B. Cloud SQL
- C. Cloud Spanner
- D. BigQuery

Question: Which Google Cloud service is a NoSQL database designed for real-time applications hosted on mobile and/or websites and designed to scale globally?

- A. Cloud Storage
- B. Cloud SQL
- C. Cloud Spanner
- D. Cloud Firestore

Question: Which Google Cloud service is best suited for storing and retrieving any amount of BLOB data at any time, from anywhere on the web?

- A. Cloud Storage
- B. Cloud SQL
- C. Cloud Spanner
- D. BigQuery

Question: Which Google Cloud service is best suited for transactional consistency in global databases, schemas, and SQL querying?

- A. Cloud Storage
- B. Cloud SQL
- C. Cloud Spanner
- D. BigQuery

Question: Which Google Cloud service is a NoSQL database service designed for storage of data for large analytical and operational workloads?

- A. Cloud Storage
- B. Cloud SQL
- C. Cloud Spanner
- D. Cloud Bigtable

Question: If you need to analyze petabytes of data using ANSI SQL with no infrastructure to manage, which Google Cloud service should you use?

- A. Cloud Storage
- B. Cloud SQL
- C. Cloud Spanner
- D. BigQuery

Question: Which Google Cloud service is best suited for storing and retrieving unstructured data like images, videos, and backup files?

- A. Cloud Storage
- B. Cloud SQL
- C. Cloud Spanner
- D. BigQuery

Question: Which Google Cloud service is best suited for storing event-driven and time-series data?

- A. Cloud Storage
- B. Cloud SQL
- C. Cloud Spanner
- D. Cloud Bigtable

Question: Which Google Cloud service is best suited for building server applications that require complex transactions across globally distributed data?

- A. Cloud Storage
- B. Cloud SQL
- C. Cloud Spanner
- D. BigQuery

Answers to Quiz questions

Google Cloud Compute and Storage

Question: Which Google Cloud service is best suited for running a legacy application with specific licensing, OS, kernel, or networking requirements?

- A. Compute Engine
- B. Cloud Run
- C. Google Kubernetes Engine
- D. Cloud Functions

Correct Answer: A. Compute Engine

Reference: [Google Cloud Blog Post](#)

Question: Which Google Cloud service is best suited for deploying a containerized application in a programming language of your choice with HTTP/s and websocket support?

- A. Compute Engine
- B. Cloud Run
- C. Google Kubernetes Engine
- D. Cloud Functions

Correct Answer: B. Cloud Run

Reference: [Google Cloud Blog Post](#)

Question: Which Google Cloud service is best suited for running code that performs an action based on an event/trigger from Pub/Sub or Cloud Storage?

- A. Compute Engine
- B. Cloud Run
- C. Google Kubernetes Engine
- D. Cloud Functions

Correct Answer: D. Cloud Functions

Reference: [Google Cloud Blog Post](#)

Question: Which Google Cloud service provides a fully managed serverless platform that runs individual containers?

- A. Compute Engine
- B. Cloud Run
- C. Google Kubernetes Engine
- D. Cloud Functions

Correct Answer: B. Cloud Run

Reference: [Google Cloud Blog Post](#)

Question: Which Google Cloud service is best suited for running workloads that require a specific OS and need full control over the container down to the nodes?

- A. Compute Engine
- B. Cloud Run
- C. Google Kubernetes Engine
- D. Cloud Functions

Correct Answer: C. Google Kubernetes Engine

Reference: [GKE Overview](#)

Question: Which Google Cloud service is best suited for running a stateless HTTP application that needs to scale quickly and automatically?

- A. Compute Engine
- B. Cloud Run
- C. Google Kubernetes Engine
- D. Cloud Functions

Correct Answer: B. Cloud Run

Reference: [Google Cloud Blog Post](#)

Question: Which Google Cloud service is best suited for running a complex, multi-tiered application that requires advanced networking and configuration?

- A. Compute Engine
- B. Cloud Run
- C. Google Kubernetes Engine
- D. Cloud Functions

Correct Answer: C. Google Kubernetes Engine

Reference: [Google Kubernetes Engine Overview](#)

Question: Which Google Cloud service is best suited for running a lightweight, event-driven, single-purpose function that responds to cloud events?

- A. Compute Engine
- B. Cloud Run
- C. Google Kubernetes Engine
- D. Cloud Functions

Correct Answer: D. Cloud Functions

Reference: [Google Cloud Blog Post](#)

Question: Which Google Cloud service is best suited for storing and analyzing large datasets for machine learning and analytics?

- E. Cloud Storage
- F. Cloud SQL
- G. Cloud Spanner
- H. BigQuery

Correct Answer: D. BigQuery

Reference: [BigQuery](#)

Question: If you need a fully managed, relational database service for MySQL and PostgreSQL, which Google Cloud service should you use?

- E. Cloud Storage
- F. Cloud SQL
- G. Cloud Spanner
- H. BigQuery

Correct Answer: B. Cloud SQL

Reference: [Cloud SQL](#)

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- E. Cloud Storage
- F. Cloud SQL
- G. Cloud Spanner
- H. Cloud Firestore

Correct Answer: D. Cloud Firestore

Reference: [Cloud Firestore](#)

Question: Which Google Cloud service is best suited for storing and retrieving any amount of BLOB data at any time, from anywhere on the web?

- E. Cloud Storage
- F. Cloud SQL
- G. Cloud Spanner
- H. BigQuery

Correct Answer: A. Cloud Storage

Reference: [Cloud Storage](#)

Question: Which Google Cloud service is best suited for transactional consistency in global databases, schemas, and SQL querying?

- E. Cloud Storage
- F. Cloud SQL
- G. Cloud Spanner
- H. BigQuery

Correct Answer: C. Cloud Spanner

Reference: [Cloud Spanner](#)

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- E. Cloud Storage
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H. Cloud Bigtable

Correct Answer: D. Cloud Bigtable

Reference: [Cloud Bigtable](#)

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E. Cloud Storage

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G. Cloud Spanner

H. BigQuery

Correct Answer: D. BigQuery

Reference: [BigQuery](#)

Question: Which Google Cloud service is best suited for storing and retrieving unstructured data like images, videos, and backup files?

E. Cloud Storage

F. Cloud SQL

G. Cloud Spanner

H. BigQuery

Correct Answer: A. Cloud Storage

Reference: [Cloud Storage](#)

Question: Which Google Cloud service is best suited for storing event-driven and time-series data?

E. Cloud Storage

F. Cloud SQL

G. Cloud Spanner

H. Cloud Bigtable

Correct Answer: D. Cloud Bigtable

Reference: [Cloud Bigtable](#)

Question: Which Google Cloud service is best suited for building server applications that require complex transactions across globally distributed data?

- E. Cloud Storage
- F. Cloud SQL
- G. Cloud Spanner
- H. BigQuery

Correct Answer: C. Cloud Spanner

Reference: [Cloud Spanner](#)