



Professional Cloud Developer

v2309

Quiz questions*

Filestore

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

What is the primary purpose of Google Filestore?

- A. Object storage
- B. Managed relational database
- C. Fully managed file storage
- D. Time-series database

Which feature of Filestore aids in the migration of applications to the cloud without rearchitecting?

- A. Data analytics
- B. Expedited migration
- C. Genomics processing
- D. Web content management

Which of the following is NOT a key feature of Filestore?

- A. 99.99% regional availability SLA
- B. Instantaneous backups and snapshots
- C. Support for GKE workloads
- D. Real-time data streaming

For which type of applications is Filestore Enterprise built?

- A. Gaming applications
- B. Mobile applications
- C. Critical applications like SAP
- D. Social media applications

Which of the following is a use case for Filestore?

- A. Video streaming
- B. Genomics processing
- C. Real-time chat applications
- D. Mobile gaming

Your organization has recently begun an initiative to replatform their legacy applications onto Google Kubernetes Engine. Multiple instances have read and write access to a configuration file stored on a shared file system. You want to minimize the effort required to manage this transition, and you want to avoid rewriting the application code. What should you do?

- A. Create a new Cloud Storage bucket, and mount it via FUSE in the container.
- B. Create a new ConfigMap and volumeMount to store the contents of the configuration file.
- C. Create a new Filestore instance, and mount the volume as an NFS PersistentVolume.
- D. Create a new persistent disk, and mount the volume as a shared PersistentVolume.

Correct Answer: C. Create a new Filestore instance, and mount the volume as an NFS PersistentVolume.

Explanation: An NSF volume allows an existing NFS (Network File System) share to be mounted into a Pod. Unlike emptyDir, which is erased when a Pod is removed, the contents of an nfs volume are preserved and the volume is merely unmounted. This means that an NFS volume can be pre-populated with data, and that data can be shared between pods. NFS can be mounted by multiple writers simultaneously.

Reference: <https://cloud.google.com/filestore/docs/csi-driver>

Which tool can be used to copy data between a Filestore instance and a Cloud Storage bucket?

- A. Cloud Debugger
- B. Cloud Scheduler
- C. gsutil
- D. Cloud Composer

Answers to Quiz questions

Filestore

What is the primary purpose of Google Filestore?

- A. Object storage
- B. Managed relational database
- C. Fully managed file storage
- D. Time-series database

Correct Answer: C. Fully managed file storage

Explanation: Google Filestore is a high-performance, fully managed file storage solution.

Resource: [Google Cloud Filestore](#)

Which feature of Filestore aids in the migration of applications to the cloud without rearchitecting?

- A. Data analytics
- B. Expedited migration
- C. Genomics processing
- D. Web content management

Correct Answer: B. Expedited migration

Explanation: Filestore enables application migration to the cloud without requiring rewrites or rearchitecture.

Resource: [Google Cloud Filestore](#)

Which of the following is NOT a key feature of Filestore?

- A. 99.99% regional availability SLA
- B. Instantaneous backups and snapshots
- C. Support for GKE workloads
- D. Real-time data streaming

Correct Answer: D. Real-time data streaming

Explanation: Filestore focuses on file storage and does not offer real-time data streaming.

Resource: [Google Cloud Filestore](#)

For which type of applications is Filestore Enterprise built?

- A. Gaming applications
- B. Mobile applications
- C. Critical applications like SAP

- D. Social media applications

Correct Answer: C. Critical applications like SAP

Explanation: Filestore Enterprise is designed for critical applications requiring regional availability.

Resource: [Google Cloud Filestore](#)

Which of the following is a use case for Filestore?

- A. Video streaming
- B. Genomics processing
- C. Real-time chat applications
- D. Mobile gaming

Correct Answer: B. Genomics processing

Explanation: Genome sequencing requires high-speed, scalable, and secure storage, which Filestore provides.

Resource: [Google Cloud Filestore](#)

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Which tool can be used to copy data between a Filestore instance and a Cloud Storage bucket?

- A. Cloud Debugger
- B. Cloud Scheduler
- C. gsutil
- D. Cloud Composer

Correct Answer: C. gsutil

Explanation: gsutil is a command-line tool that provides functionalities to manage Cloud Storage resources.

Resource: [Google Cloud Filestore](#)