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## Exam Associate Cloud Engineer All Questions

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### EXAM ASSOCIATE CLOUD ENGINEER TOPIC 1 QUESTION 6 DISCUSSION

Actual exam question from Google's Associate Cloud Engineer

Question #: 6

Topic #: 1

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Your company uses Cloud Storage to store application backup files for disaster recovery purposes. You want to follow Google's recommended practices. Which storage option should you use?

- A. Multi-Regional Storage
- B. Regional Storage
- C. Nearline Storage
- D. Coldline Storage

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by [measme](#) at April 17, 2020, 12:50 p.m.

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[poogcp](#) **Highly Voted** 4 years, 4 months ago

Best Answer is " Archive Storage "

<https://cloud.google.com/storage/docs/storage-classes>

But as per the given option next best solution is " Coldline Storage"

? ? ? upvoted 71 times

? ? Sami\_27 4 weeks, 1 day ago

No, archive storage might not be the correct choice as we need to consider the access time. Coldline Storage provides relatively faster access times compared to Archive Storage, which is important if you need to recover data quickly in a disaster scenario.

Coldline Storage: Fits well with disaster recovery use cases where data is infrequently accessed but needs to be available relatively quickly if a disaster occurs.

? ? ? upvoted 1 times

? ? Mutune 3 years, 8 months ago

Perfectly stated

? ? ? upvoted 6 times

? ? zukko78 **Highly Voted** ? 4 years, 5 months ago

D is correct,

Coldline Storage COLDLINE 90 days

99.95% in multi-regions and dual-regions

99.9% in regions

? ? ? upvoted 12 times

? ? denno22 **Most Recent** ? 1 week ago

**Selected Answer: D**

Answer is D.

? ? ? upvoted 1 times

? ? kaby1987 3 weeks, 6 days ago

**Selected Answer: D**

Ans is D. Coldline Storage: If the backups are truly for disaster scenarios and you expect very infrequent access (less than once a year).

Here's how other option fits into this context:

A. Multi-Regional Storage: This is best for data that is frequently accessed and needs to be highly available. It's ideal for serving content to users globally and for data that is accessed more often.

B. Regional Storage: This offers high availability and is suited for storing data that is accessed frequently, but within a specific region. It's good for data used in compute operations in the same region.

C. Nearline Storage: This is a low-cost option for storing infrequently accessed data. It's ideal for data that is accessed less than once a month. There are costs associated with accessing the data, so it's better for data that you don't expect to access frequently.

? ? ? upvoted 5 times

? ? JackSkeletonCoder 1 month, 2 weeks ago

honestly, they should've added archive storage because it is better suited for disaster recovery backup. It is also stated in the doc how archive is better choice than 'coldline storage'. Also in terms of latency, archive will take care of that in events of disaster; as stated in the doc, "In the event of a disaster recovery event, recovery time is key. Cloud Storage provides low latency access to data stored as Archive storage."

<https://cloud.google.com/storage/docs/storage-classes#archive>

? ? ? upvoted 2 times

? ? subha.elumalai 5 months ago

Correct Answer: D

Reference:

<https://cloud.google.com/storage/docs/storage-classes#nearline>

? ? ? upvoted 1 times

? ? Nikki2424 5 months, 2 weeks ago

**Selected Answer: D**

Multi-regional storage = standard storage used only for objects stored in multi-regiones or dual-regions.

Regional storage = standard storage used only for objects stored in regions

Refer to <https://cloud.google.com/storage/docs/storage-classes#legacy>

Each of the standard, nearline, coldline, and archive storage classes can have any of the location types, i.e., region, dual region, multi-region.

Cold-line storage is the ideal option here according to Google's best practices.

? ? ? upvoted 2 times

? ? blackBeard33 8 months ago

**Selected Answer: D**

Google recommends Archive Storage for disaster recovery, since Archive is not available as an answer, coldline is the nearest possible.

? ? ? upvoted 1 times

? ? sinh 9 months, 1 week ago

**Selected Answer: A**

disaster recovery purposes = Multi-Regional Storage

[https://cloud.google.com/storage/docs/locations#location\\_recommendations](https://cloud.google.com/storage/docs/locations#location_recommendations)

? ? ? upvoted 4 times

? ? sinh 9 months, 2 weeks ago

**Selected Answer: A**

<https://cloud.google.com/docs/geography-and-regions>

? ? ? upvoted 3 times

? ? karthik0328 10 months, 2 weeks ago

This talks about disaster recovery and you need to be able to retrieve data according to the RTO, except for Nearline all others only guarantee 99.95 availability and you want to avoid retrieval costs. All the other storage classes have a cost associated with it. With that in mind nearline is the best storage class from a DR perspective.

? ? ? upvoted 1 times

? ? plazamix 11 months ago

Best answer is D. Coldline Storage.

The choices specifically said Multi-Regional and Regional "Storage".

Multi-Regional Storage is equivalent to Standard Storage and is different to Multi-regional location.

Check additional classes: <https://cloud.google.com/storage/docs/storage-classes#legacy>

? ? ? upvoted 2 times

? ? lonewolfngp 11 months ago

**Selected Answer: A**

for disaster recovery multi region is recommended.

? ? ? upvoted 4 times

? ? tanc28 11 months, 2 weeks ago

Answer should be ARCHIVE STORAGE

Archive storage

Archive storage is the lowest-cost, highly durable storage service for data archiving, online backup, and disaster recovery. Unlike the "coldest" storage services offered by other Cloud providers, your data is available within milliseconds, not hours or days.

[https://cloud.google.com/storage/docs/storage-](https://cloud.google.com/storage/docs/storage-classes#:~:text=Archive%20storage%20is%20the%20lowest,milliseconds%2C%20not%20hours%20or%20days.)

[classes#:~:text=Archive%20storage%20is%20the%20lowest,milliseconds%2C%20not%20hours%20or%20days.](https://cloud.google.com/storage/docs/storage-classes#:~:text=Archive%20storage%20is%20the%20lowest,milliseconds%2C%20not%20hours%20or%20days.)

? ? ? upvoted 1 times

? ? BAofBK 11 months, 2 weeks ago

The correct answer is D

? ? ? upvoted 1 times

? ? Bessa24 11 months, 3 weeks ago

**Selected Answer: B**

B is correct following Google best practices

? ? ? upvoted 1 times

? ? Evan7557 1 year ago

D is correct

? ? ? upvoted 1 times

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