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EXAM ASSOCIATE CLOUD ENGINEER TOPIC 1 QUESTION 92 DISCUSSION

Actual exam question from Google's Associate Cloud Engineer

Question #: 92

Topic #: 1

[All Associate Cloud Engineer Questions]

You want to select and configure a solution for storing and archiving data on Google Cloud Platform. You need to support compliance objectives for data from one geographic location. This data is archived after 30 days and needs to be accessed annually. What should you do?

    A. Select Multi-Regional Storage. Add a bucket lifecycle rule that archives data after 30 days to Coldline Storage.

    B. Select Multi-Regional Storage. Add a bucket lifecycle rule that archives data after 30 days to Nearline Storage.

    C. Select Regional Storage. Add a bucket lifecycle rule that archives data after 30 days to Nearline Storage.

    D. Select Regional Storage. Add a bucket lifecycle rule that archives data after 30 days to Coldline Storage.

Show Suggested Answer

by   **SIX** at *June 4, 2020, 11:45 p.m.*

Comments

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SIX `Highly Voted` **4 years, 4 months ago**

D

Google Cloud Coldline is a new cold-tier storage for archival data with access frequency of less than once per year. Unlike other cold storage options, Nearline has no delays prior to data access, so now it is the leading solution among competitors.

upvoted 46 times

JustLearning 4 years, 4 months ago

D is correct. Coldline is a better choice.

upvoted 9 times

dan80 4 years, 4 months ago

C is correct - This data is archived after 30 days - Nearline Storage 30 days , Coldline Storage 90 days
https://cloud.google.com/storage/docs/storage-classes

upvoted 12 times

mlantonis 4 years, 4 months ago

dan80 is right

upvoted 1 times

[Removed] 4 years, 1 month ago

30 day is min retention policy any access before this is chargeable. Here they are saying the archival data is accessed after 1 yr so cold line. The 30 days statement is to archive data after 30 days.

upvoted 2 times

y2kniel 4 years ago

D, It is saying AFTER 30 days. We should use coldline storage

upvoted 5 times

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ESP_SAP `Highly Voted` **4 years, 2 months ago**

Correct Answer is (D):

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

Nearline Storage
Nearline Storage is a low-cost, highly durable storage service for storing infrequently accessed data. Nearline Storage is a better choice than Standard Storage in scenarios where slightly lower availability, a 30-day minimum storage duration, and costs for data access are acceptable trade-offs for lowered at-rest storage costs.

Nearline Storage is ideal for data you plan to read or modify on average once per month or less. For example, if you want to continuously add files to Cloud Storage and plan to access those files once a month for analysis, Nearline Storage is a great choice.

Nearline Storage is also appropriate for data backup, long-tail multimedia content, and data archiving. Note, however, that for data accessed less frequently than once a quarter, Coldline Storage or Archive Storage are more cost-effective, as they offer lower storage costs.
https://cloud.google.com/storage/docs/storage-classes#nearline

upvoted 16 times

ESP_SAP 4 years, 1 month ago

CORRECTION.
Correct Answer is (D):

The Real description is about Coldline storage Class:

Coldline Storage
Coldline Storage is a very-low-cost, highly durable storage service for storing infrequently accessed data. Coldline Storage is a better choice than Standard Storage or Nearline Storage in scenarios where slightly lower availability, a 90-day minimum storage duration, and higher costs for data access are acceptable trade-offs for lowered at-rest storage costs.

Coldline Storage is ideal for data you plan to read or modify at most once a quarter. Note, however, that for data being kept entirely for backup or archiving purposes, Archive Storage is more cost-effective, as it offers the lowest storage costs.

upvoted 13 times

kelliot `Most Recent` **10 months, 4 weeks ago**

D is correct.
"from one geographic location" clues the answer

upvoted 2 times

BAofBK **11 months, 2 weeks ago**

The correct answer is D

upvoted 1 times

Captain1212 **1 year, 1 month ago**

`Selected Answer: D`

D is the correrct answer, as the data in access only once a year

upvoted 2 times

sabrinakloud **1 year, 6 months ago**

`Selected Answer: D`

"This data is archived after 30 days and needs to be accessed annually"
ideally archive; coldine is the closest.

upvoted 1 times

Elya **1 year, 6 months ago**

The best option would be to select Regional Storage and add a bucket lifecycle rule that archives data after 30 days to Nearline Storage. Nearline Storage is designed for data that is accessed less frequently, but still needs to be readily available when accessed. It has a lower storage cost than Regional Storage, and retrieval costs are lower than those of Coldline Storage.

upvoted 1 times

inbalinbal **1 year, 6 months ago**

`Selected Answer: D`

D is correct

upvoted 2 times

Buruguduystunstugudunstuy **1 year, 8 months ago**

`Selected Answer: D`

Answer D is the CORRECT answer. The scenario mentioned in the question requires archiving data after 30 days and accessing it annually. As per the Cloud Storage documentation, Coldline storage is ideal for data that is accessed at most once a quarter. Hence, selecting regional storage and adding a bucket lifecycle rule that archives data after 30 days to Coldline Storage is the best solution to meet the compliance objectives and cost-effectiveness requirements.

upvoted 4 times

Buruguduystunstugudunstuy **1 year, 8 months ago**

INCORRECT:

Answer A, selecting Multi-Regional Storage and adding a bucket lifecycle rule that archives data after 30 days to Coldline Storage, is not a good fit for this scenario because Multi-Regional Storage is more expensive than Regional Storage and it does not provide a clear advantage for this use case.

Answer B, selecting Multi-Regional Storage and adding a bucket lifecycle rule that archives data after 30 days to Nearline Storage, is also not the best option because Nearline Storage is more appropriate for data that is accessed less than once a month, while in this scenario, the data needs to be accessed at least once a year.

Answer C, selecting Regional Storage and adding a bucket lifecycle rule that archives data after 30 days to Nearline Storage, is not ideal because Nearline Storage is more suitable for data that is accessed less than once a month. If the data is accessed only once a year, it might be more cost-effective to choose Coldline Storage instead.

upvoted 1 times

cslince **1 year, 10 months ago**

`Selected Answer: D`

The answer is D.

upvoted 1 times

leogor **1 year, 11 months ago**

`Selected Answer: D`

Regional Storage, Coldline Storage.

upvoted 1 times

biren111 **2 years ago**

As in question it is asking for "one geographic location" .So multi region options A & B is eliminated. And Between C & D "D is correct" as data will be accessed once a year.

upvoted 1 times

gcpBeginner **2 years ago**

its C because archive data is 30 days and Nearline storage support that. https://cloud.google.com/storage/docs/storage-classes

upvoted 1 times

Cornholio_LMC **2 years ago**

had this question today

upvoted 1 times

AzureDP900 **2 years, 4 months ago**

D is for sure.

upvoted 1 times

haroldbenites **2 years, 4 months ago**

Go for D
"… and needs to be accessed annually"
Cold line is the better choice.

upvoted 1 times

Rukman **2 years, 7 months ago**

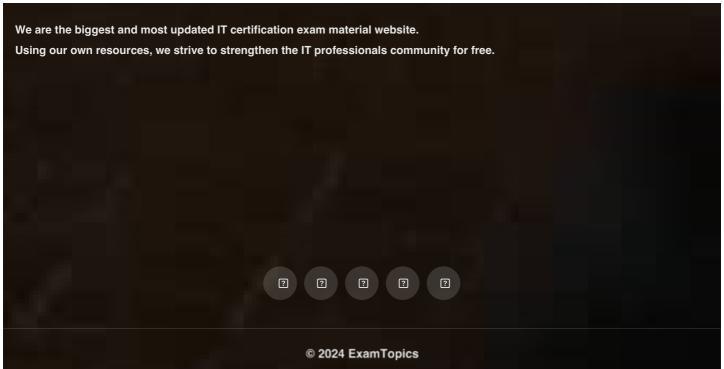Selected Answer: D

D is the right answer.

upvoted 1 times

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