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EXAM ASSOCIATE CLOUD ENGINEER TOPIC 1 QUESTION 112 DISCUSSION

Actual exam question from Google's Associate Cloud Engineer
Question #: 112
Topic #: 1
[All Associate Cloud Engineer Questions]

You have a workload running on Compute Engine that is critical to your business. You want to ensure that the data on the boot disk of this workload is backed up regularly. You need to be able to restore a backup as quickly as possible in case of disaster. You also want older backups to be cleaned automatically to save on cost. You want to follow Google-recommended practices. What should you do?

A. Create a Cloud Function to create an instance template.

B. Create a snapshot schedule for the disk using the desired interval.

C. Create a cron job to create a new disk from the disk using gcloud.

D. Create a Cloud Task to create an image and export it to Cloud Storage.

Show Suggested Answer

by DarioFama23 at *July 7, 2020, 3:57 p.m.*

Comments

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ESP_SAP Highly Voted 4 years, 2 months ago

Correct Answer (B):
Best practices for persistent disk snapshots
You can create persistent disk snapshots at any time, but you can create snapshots more quickly and with greater reliability if you use the following best practices.

Creating frequent snapshots efficiently
Use snapshots to manage your data efficiently.

Create a snapshot of your data on a regular schedule to minimize data loss due to unexpected failure.

Improve performance by eliminating excessive snapshot downloads and by creating an image and reusing it.

Set your snapshot schedule to off-peak hours to reduce snapshot time.

Snapshot frequency limits
Creating snapshots from persistent disks
You can snapshot your disks at most once every 10 minutes. If you want to issue a burst of requests to snapshot your disks, you can issue at most 6 requests in 60 minutes.

If the limit is exceeded, the operation fails and returns the following error:

https://cloud.google.com/compute/docs/disks/snapshot-best-practices

upvoted 25 times

DarioFama23 Highly Voted 4 years, 3 months ago

B is correct for this question

upvoted 21 times

stepkurniawan 4 years, 1 month ago

Question: One cannot delete the old disk when using snapshot, right?

upvoted 3 times

Ale1973 4 years, 1 month ago

Snapshots and disks are independent objects con GCP, you could create a snapshot form disk and then delete the disk, the snapshot will stay in place. Actually, you could use this snapshot to create a new disk, assign to another VM, mount it, and use it (all the information that the original disk had at the time of the snapshot will still be there).

upvoted 6 times

Ridhanya 2 years, 10 months ago

In snapshot schedule, there is autodelete and you can specify the days after which auto delete can happen

upvoted 6 times

ccpmad Most Recent 4 months, 4 weeks ago

2020 is B. Now, 2024, better solution es backup&dr

upvoted 3 times

Ankit_EC_ran 7 months, 1 week ago

Selected Answer: B

The correct answer is B. Automatic snapshot and deletion as per the need.

upvoted 1 times

kelliot 10 months, 4 weeks ago

Selected Answer: B

B
the others make no sense at all

upvoted 2 times

BAofBK 11 months, 2 weeks ago

The correct answer is B

upvoted 1 times

scanner2 1 year, 1 month ago

Selected Answer: B

create a snapshot schedule to regularly and automatically back up your zonal and regional persistent disks. Use snapshot schedules as a best practice to back up your Compute Engine workloads.
A snapshot retention policy defines how long you want to keep your snapshots.
https://cloud.google.com/compute/docs/disks/scheduled-snapshots
https://cloud.google.com/compute/docs/disks/scheduled-snapshots#retention_policy

upvoted 1 times

Captain1212 1 year, 1 month ago

Selected Answer: B

B is the correct Answer, as you can create the snapshot as per your requirment

upvoted 1 times

abirroy 2 years, 2 months ago

Selected Answer: B

Create a snapshot schedule for the disk using the desired interval.

upvoted 2 times

csrazdan 2 years, 3 months ago

Selected Answer: B

Snapshot is a better option because they are incremental and you can configure them to consolidate and delete snapshots that are not required for recovery. Image can also provide this functionality but the image is full backup which is inefficient in cases where the content of the file system is changing frequently.

upvoted 1 times

AzureDP900 2 years, 4 months ago

B is right

upvoted 2 times

haroldbenites 2 years, 4 months ago

Go for B

upvoted 1 times

Rukman 2 years, 7 months ago

Selected Answer: B

Ans: B

upvoted 2 times

ryzior 2 years, 7 months ago

say no more:
https://cloud.google.com/compute/docs/disks/scheduled-snapshots
"Use snapshot schedules as a best practice to back up your Compute Engine workloads."

upvoted 4 times

alaahakim 2 years, 11 months ago

The right Ans is : B

upvoted 1 times

mcaromit 3 years, 5 months ago

B is correct

upvoted 1 times

[Removed] 3 years, 7 months ago

B is correct. Create a snapshot schedule for the disk using the desired interval.

upvoted 1 times

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